

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044920.D
 Acq On : 12 Feb 2025 10:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2025
 Supervised By : Mahesh Dadoda 02/14/2025

Quant Time: Feb 13 00:46:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	120105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	211946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	185163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	91954	52.302	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.600%			
35) Dibromofluoromethane	5.373	113	74881	54.340	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.680%			
50) Toluene-d8	8.641	98	278211	53.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.780%			
62) 4-Bromofluorobenzene	11.079	95	95016	54.089	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	86249	51.201	ug/l	100
3) Chloromethane	1.300	50	98529	48.058	ug/l	97
4) Vinyl Chloride	1.374	62	95759	48.212	ug/l	100
5) Bromomethane	1.593	94	30797	51.816	ug/l	98
6) Chloroethane	1.666	64	46742	64.424	ug/l	98
7) Trichlorofluoromethane	1.873	101	126873	50.511	ug/l	99
8) Diethyl Ether	2.130	74	45317	49.748	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	77108	50.809	ug/l	100
10) Methyl Iodide	2.447	142	100548	51.121	ug/l	99
11) Tert butyl alcohol	2.983	59	71926	220.523	ug/l	99
12) 1,1-Dichloroethene	2.312	96	73660	47.582	ug/l	97
13) Acrolein	2.233	56	82049	243.819	ug/l	97
14) Allyl chloride	2.654	41	134496	48.073	ug/l	97
15) Acrylonitrile	3.062	53	213802	245.512	ug/l	99
16) Acetone	2.379	43	175667	248.546	ug/l	98
17) Carbon Disulfide	2.501	76	196175	46.213	ug/l	100
18) Methyl Acetate	2.696	43	107526	48.211	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	239250	48.574	ug/l	98
20) Methylene Chloride	2.782	84	82539	47.678	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	72134	47.344	ug/l	89
22) Diisopropyl ether	3.751	45	261816	49.465	ug/l	90
23) Vinyl Acetate	3.715	43	1071727	248.365	ug/l	100
24) 1,1-Dichloroethane	3.599	63	144325	48.732	ug/l	99
25) 2-Butanone	4.550	43	279933	243.912	ug/l	97
26) 2,2-Dichloropropane	4.464	77	113866	48.481	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	87985	48.076	ug/l	99
28) Bromochloromethane	4.885	49	72142	50.687	ug/l	99
29) Tetrahydrofuran	4.995	42	183038	240.180	ug/l	99
30) Chloroform	5.080	83	139181	48.459	ug/l	97
31) Cyclohexane	5.458	56	129630	47.478	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	118700	48.724	ug/l	99
36) 1,1-Dichloropropene	5.684	75	98671	49.631	ug/l	99
37) Ethyl Acetate	4.708	43	106523	48.172	ug/l	99
38) Carbon Tetrachloride	5.665	117	98102	50.355	ug/l	99
39) Methylcyclohexane	7.372	83	134748	52.425	ug/l	98
40) Benzene	6.025	78	309040	49.781	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	62387	52.708	ug/l	99
42) 1,2-Dichloroethane	6.074	62	102405	51.758	ug/l	99
43) Isopropyl Acetate	6.330	43	181205	50.744	ug/l	99
44) Trichloroethene	7.116	130	69974	49.313	ug/l	98
45) 1,2-Dichloropropane	7.421	63	77497	50.178	ug/l	99
46) Dibromomethane	7.574	93	53707	50.143	ug/l	99
47) Bromodichloromethane	7.811	83	106971	51.579	ug/l	96
48) Methyl methacrylate	7.683	41	86305	51.258	ug/l	98
49) 1,4-Dioxane	7.659	88	35447	981.246	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	562757	259.224	ug/l	99
52) Toluene	8.714	92	188063	50.867	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	108842	51.862	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	120059	51.308	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	70772	49.796	ug/l	97
56) Ethyl methacrylate	9.110	69	117608	51.235	ug/l	98
57) 1,3-Dichloropropane	9.305	76	125770	50.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	298625	264.951	ug/l	99
59) 2-Hexanone	9.427	43	404473	258.586	ug/l	98
60) Dibromochloromethane	9.518	129	77715	51.129	ug/l	99
61) 1,2-Dibromoethane	9.604	107	72757	50.508	ug/l	98
64) Tetrachloroethene	9.268	164	59146	50.651	ug/l	98
65) Chlorobenzene	10.073	112	200858	50.505	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	64502	50.389	ug/l	99
67) Ethyl Benzene	10.189	91	358077	51.021	ug/l	99
68) m/p-Xylenes	10.299	106	264855	102.304	ug/l	99
69) o-Xylene	10.640	106	131657	50.681	ug/l	100
70) Styrene	10.652	104	220619	52.714	ug/l	99
71) Bromoform	10.793	173	49868	52.200	ug/l #	99
73) Isopropylbenzene	10.957	105	336153	49.681	ug/l	99
74) N-amyl acetate	10.841	43	151720	49.552	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	108321	46.588	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90536m	48.593	ug/l	
77) Bromobenzene	11.195	156	76664	49.976	ug/l	98
78) n-propylbenzene	11.299	91	397362	50.880	ug/l	100
79) 2-Chlorotoluene	11.360	91	233123	48.568	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	276841	50.419	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	34230	47.260	ug/l	98
82) 4-Chlorotoluene	11.451	91	268620	50.585	ug/l	99
83) tert-Butylbenzene	11.713	119	275866	49.664	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	275526	50.841	ug/l	99
85) sec-Butylbenzene	11.884	105	352655	51.270	ug/l	100
86) p-Isopropyltoluene	12.006	119	285566	51.626	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	139339	49.394	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	138443	48.539	ug/l	99
89) n-Butylbenzene	12.329	91	263985	53.945	ug/l	100
90) Hexachloroethane	12.536	117	50761	49.010	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	135345	48.817	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20298	47.833	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	85318	50.856	ug/l	99
94) Hexachlorobutadiene	13.719	225	34467	51.753	ug/l	98
95) Naphthalene	13.774	128	299724	49.423	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	85892	50.809	ug/l	99

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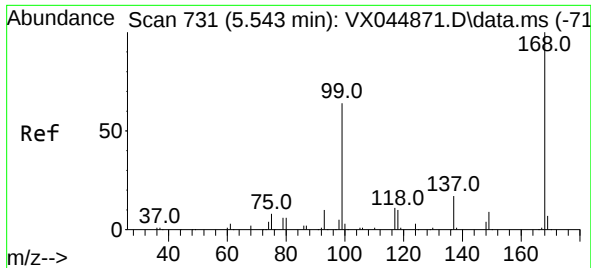
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/14/2025

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Response via : Initial Calibration

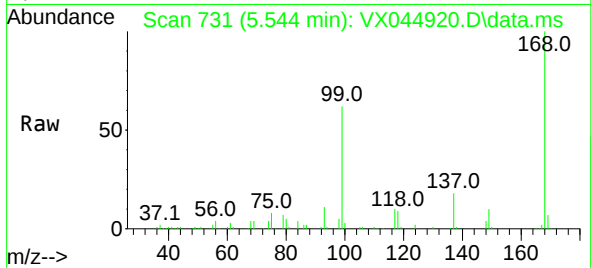
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044920.D
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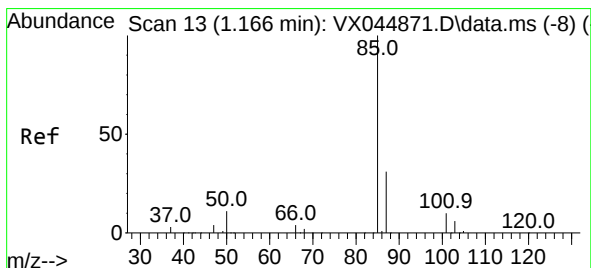
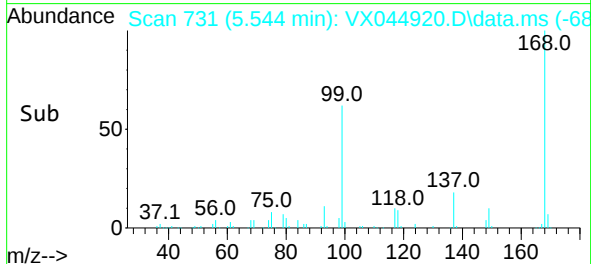
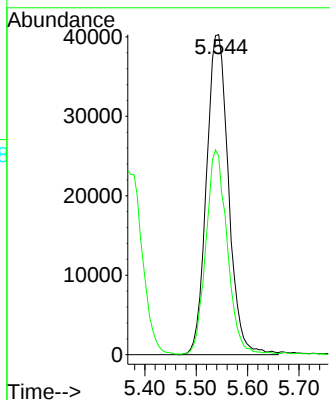
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 12010
Ion Ratio Lower Upper
168 100
99 61.8 51.2 76.8

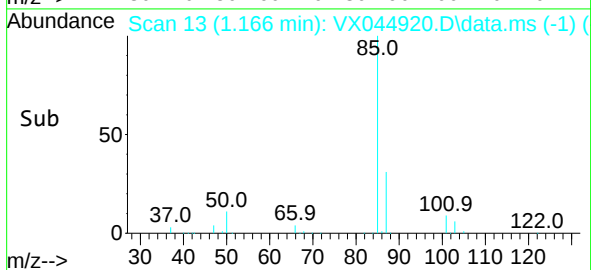
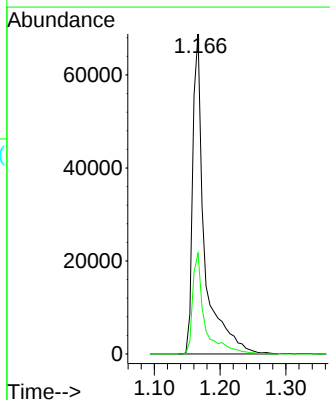
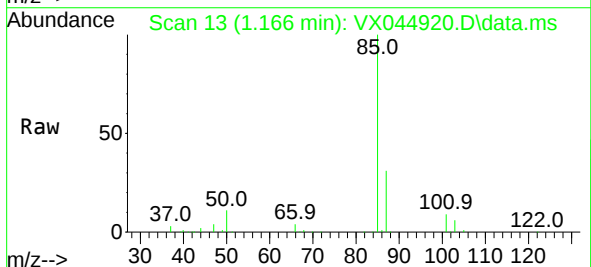
Manual Integrations
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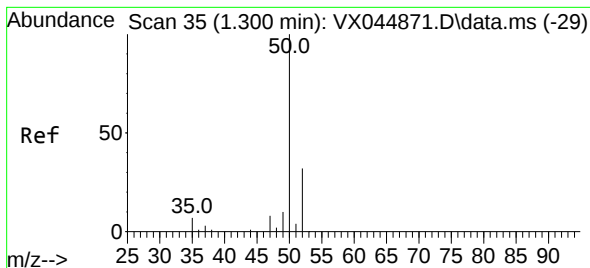
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#2
Dichlorodifluoromethane
Concen: 51.201 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Tgt Ion: 85 Resp: 86249
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.3





#3

Chloromethane

Concen: 48.058 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 98529

Ion Ratio Lower Upper

50 100

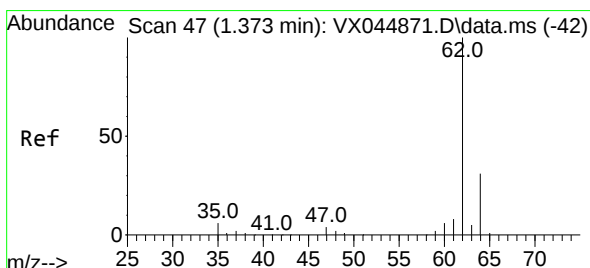
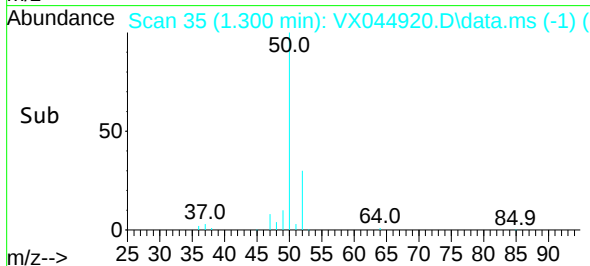
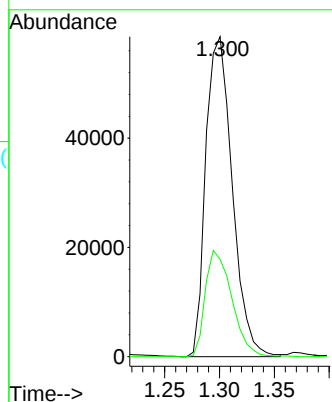
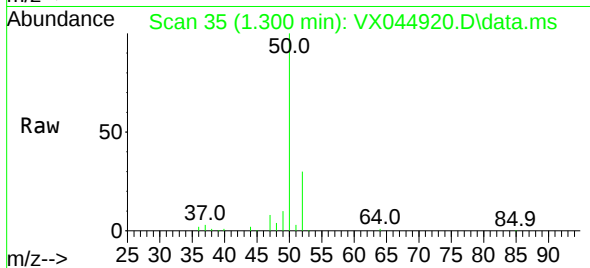
52 30.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#4

Vinyl Chloride

Concen: 48.212 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044920.D

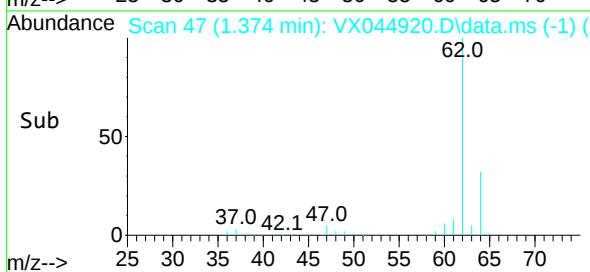
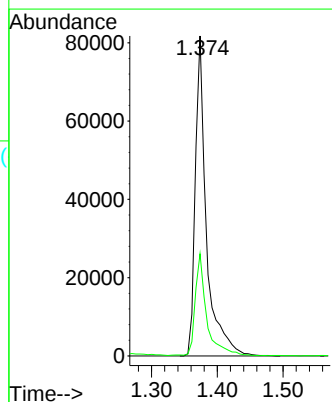
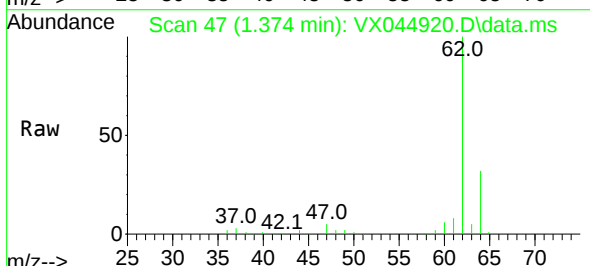
Acq: 12 Feb 2025 10:07

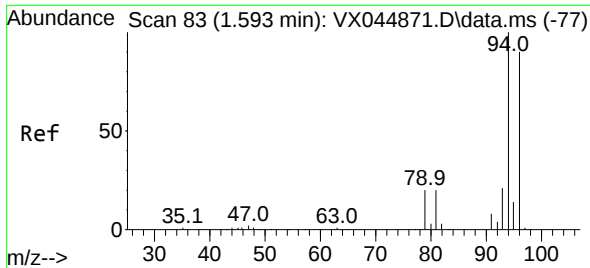
Tgt Ion: 62 Resp: 95759

Ion Ratio Lower Upper

62 100

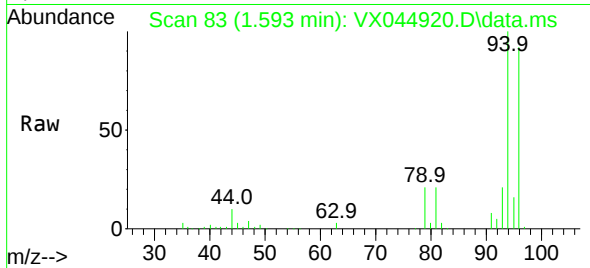
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 51.816 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

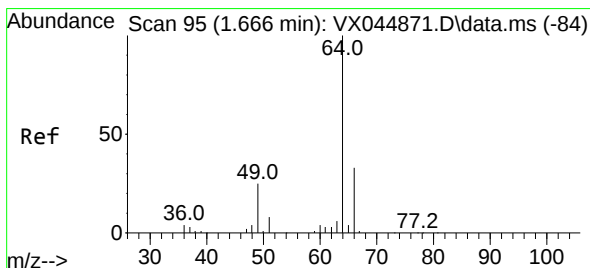
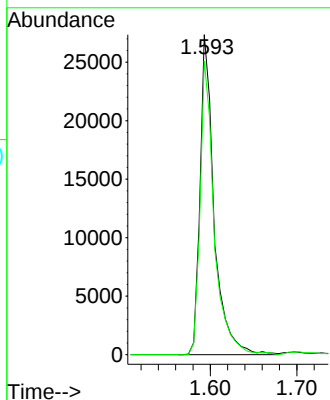
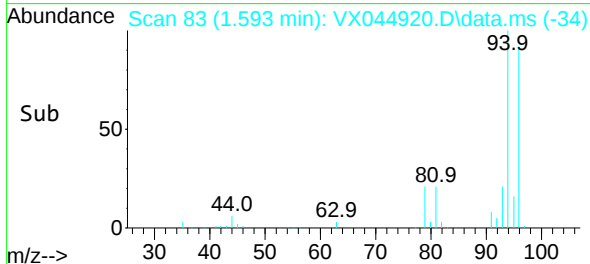
Instrument :
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Tgt Ion: 94 Resp: 3079
Ion Ratio Lower Upper
94 100
96 91.8 71.6 107.4

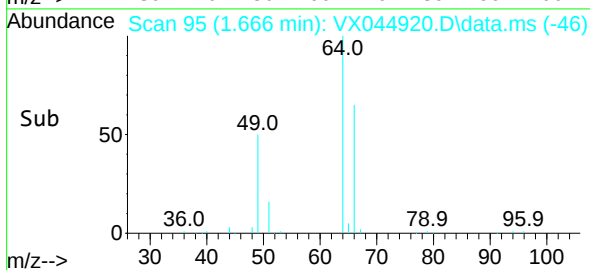
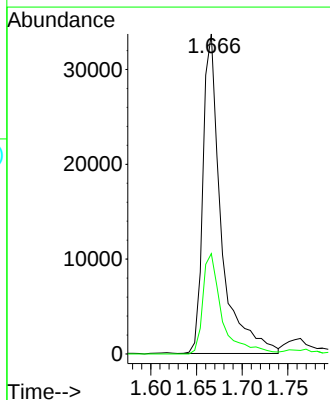
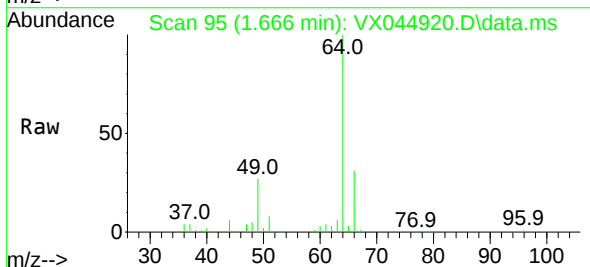
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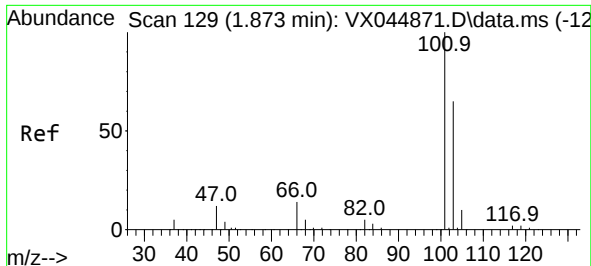
Reviewed By :John Carlone 02/14/2025
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#6
Chloroethane
Concen: 64.424 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044920.D
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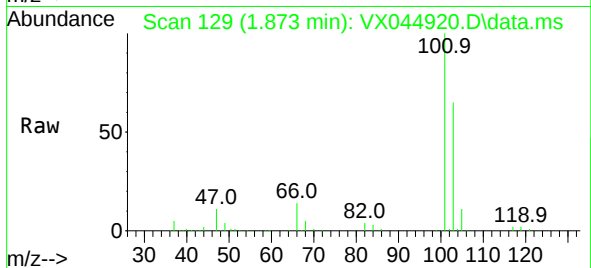
Tgt Ion: 64 Resp: 46742
Ion Ratio Lower Upper
64 100
66 31.4 25.9 38.9





#7
Trichlorofluoromethane
Concen: 50.511 ug/l
RT: 1.873 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

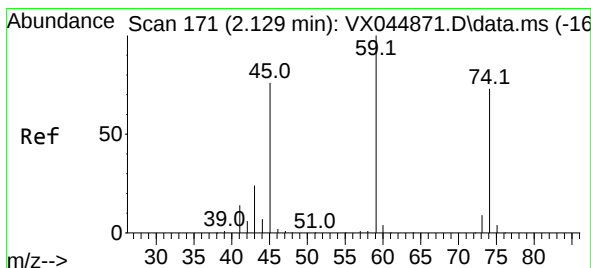
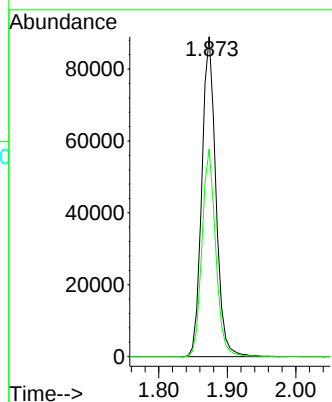
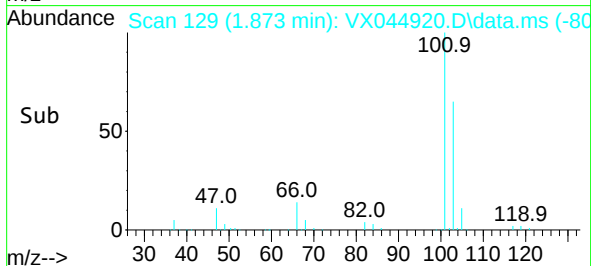
Instrument :
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VSTDCCC050



Tgt Ion:101 Resp: 12687
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6

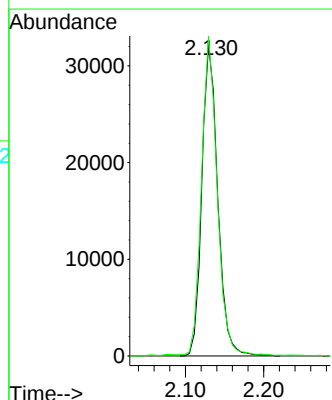
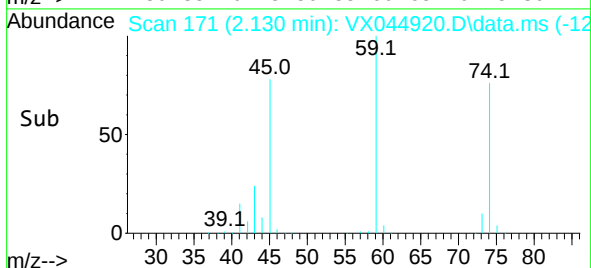
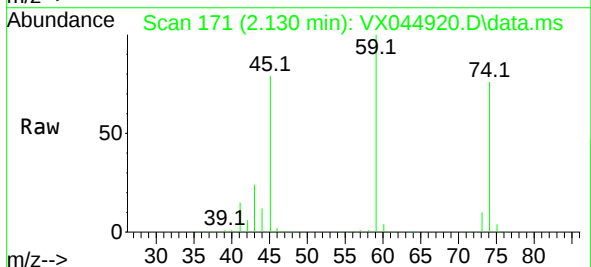
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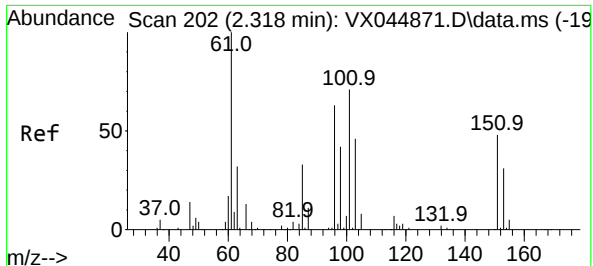
Reviewed By :John Carlone 02/14/2025
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#8
Diethyl Ether
Concen: 49.748 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Tgt Ion: 74 Resp: 45317
Ion Ratio Lower Upper
74 100
45 101.1 51.1 153.4





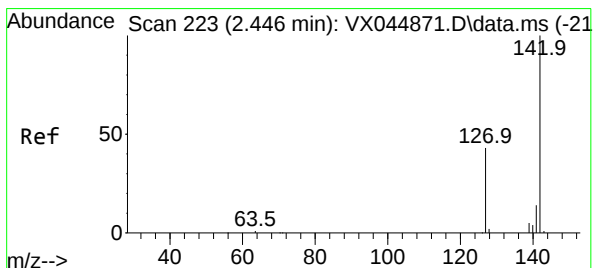
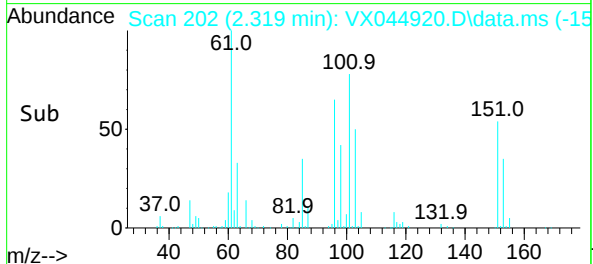
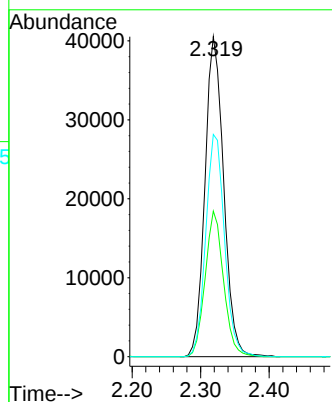
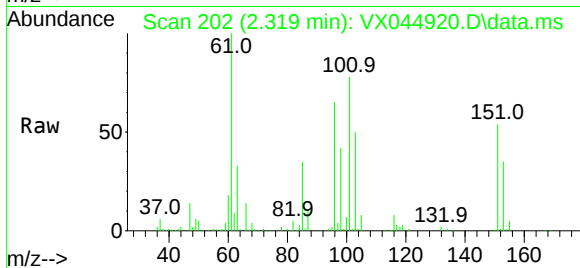
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.809 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 77108
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 69.9 56.0 84.0

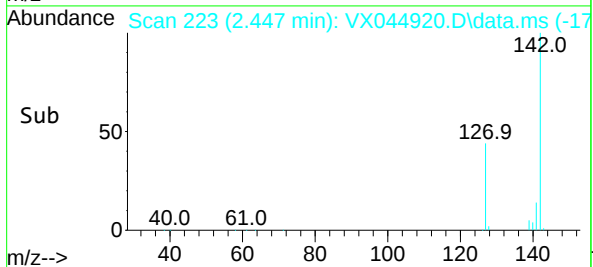
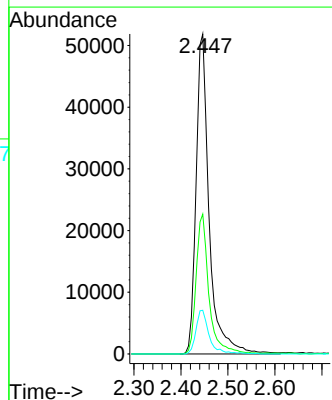
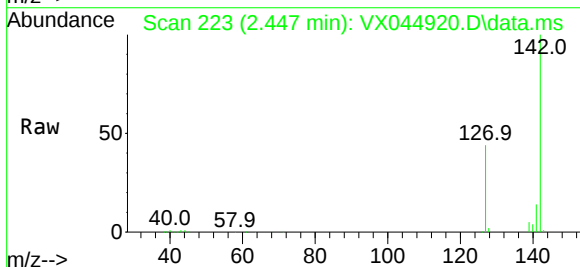
Manual Integrations
APPROVED

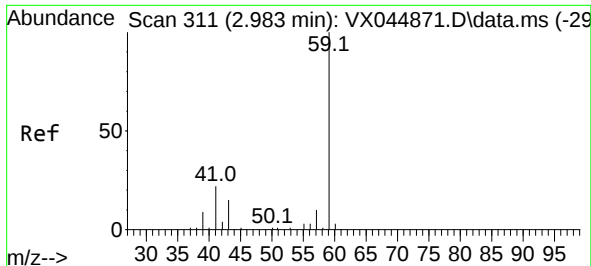
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#10
Methyl Iodide
Concen: 51.121 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

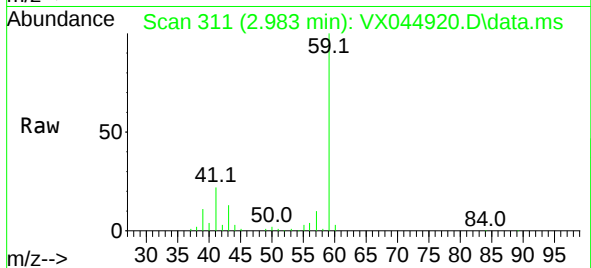
Tgt Ion:142 Resp: 100548
Ion Ratio Lower Upper
142 100
127 43.1 34.3 51.5
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 220.523 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

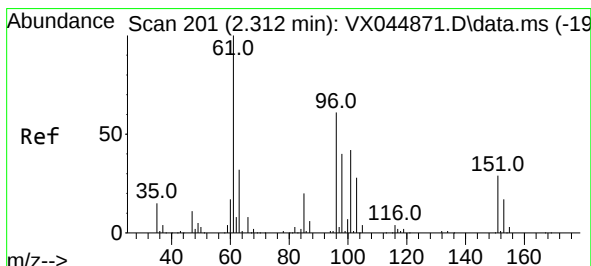
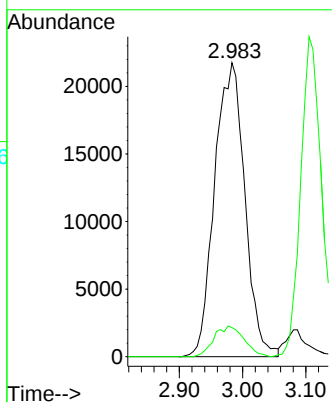
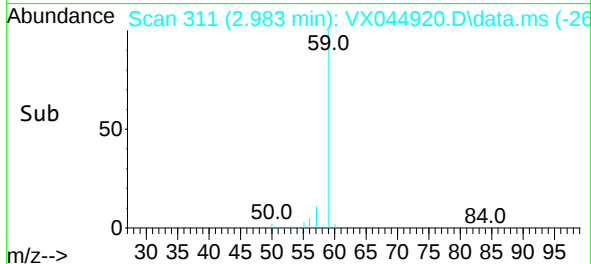
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



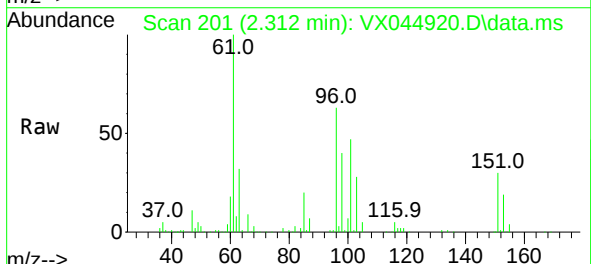
Tgt Ion: 59 Resp: 71920
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

Manual Integrations
APPROVED

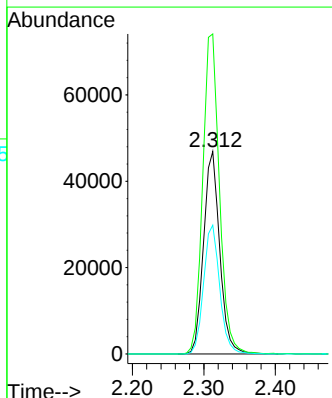
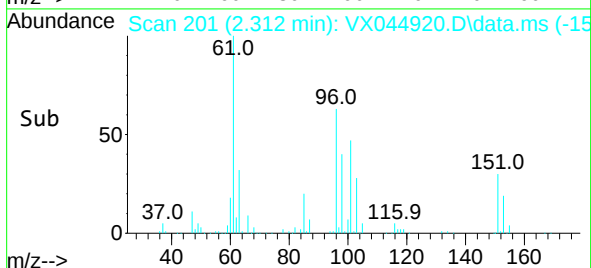
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

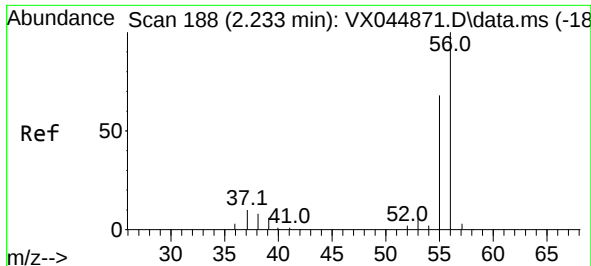


#12
1,1-Dichloroethene
Concen: 47.582 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



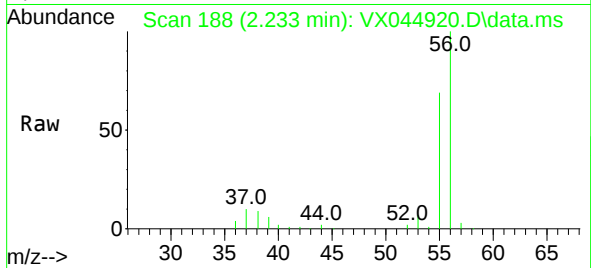
Tgt Ion: 96 Resp: 73660
Ion Ratio Lower Upper
96 100
61 158.1 130.2 195.4
98 63.6 52.2 78.4





#13
Acrolein
Concen: 243.819 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

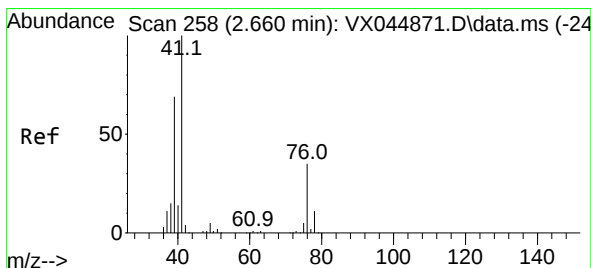
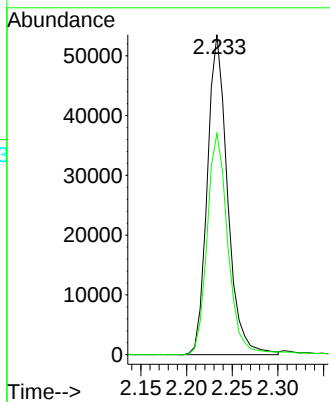
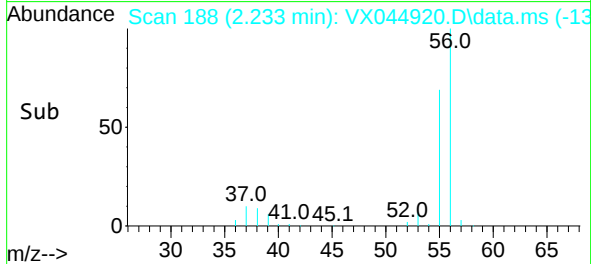
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 82049
Ion Ratio Lower Upper
56 100
55 71.8 55.7 83.5

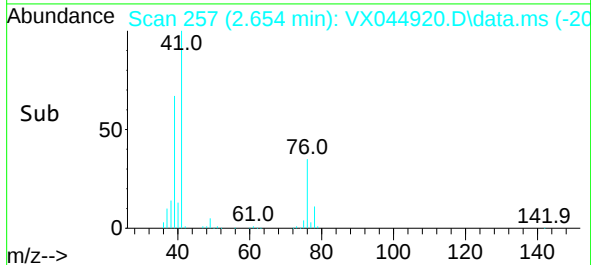
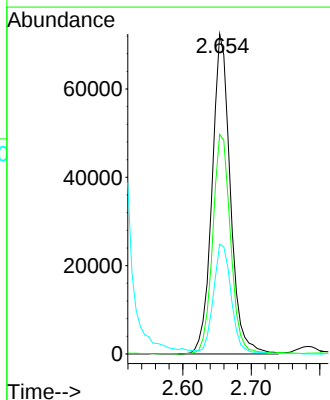
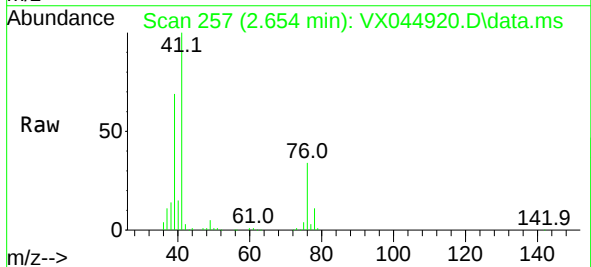
Manual Integrations
APPROVED

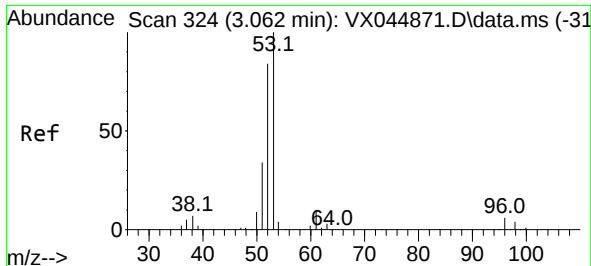
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#14
Allyl chloride
Concen: 48.073 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

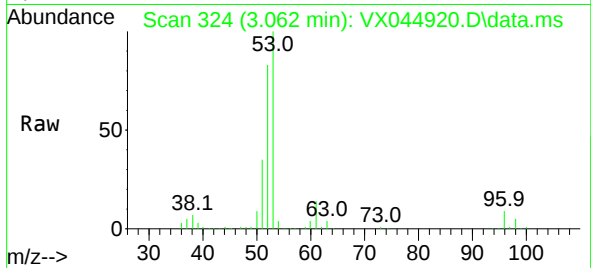
Tgt Ion: 41 Resp: 134496
Ion Ratio Lower Upper
41 100
39 67.2 51.4 77.2
76 33.4 27.0 40.4





#15
Acrylonitrile
Concen: 245.512 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

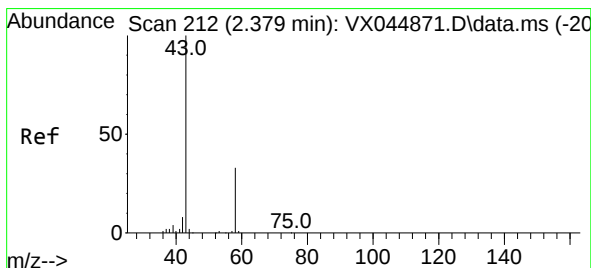
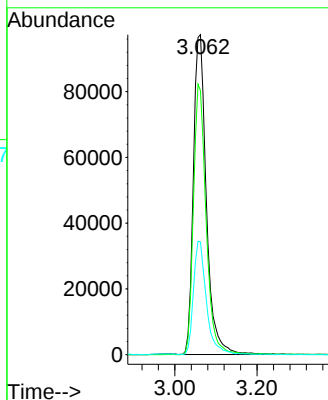
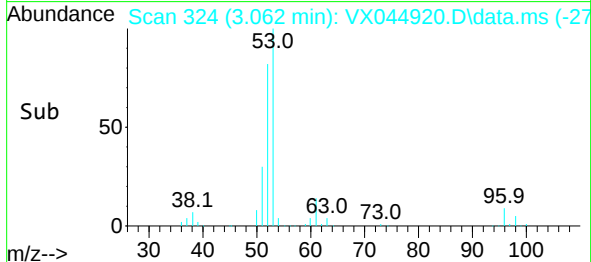
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 21380
Ion Ratio Lower Upper
53 100
52 82.2 65.0 97.6
51 35.2 28.0 42.0

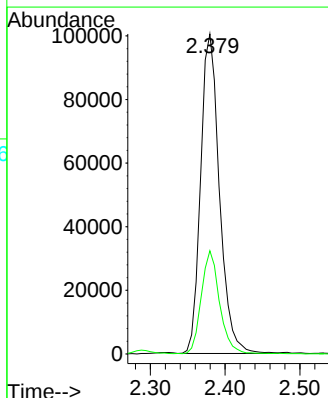
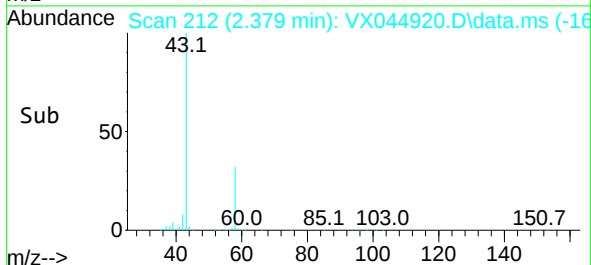
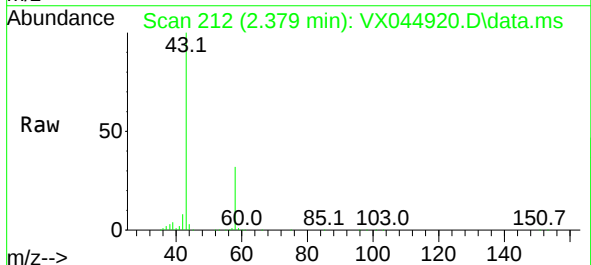
Manual Integrations
APPROVED

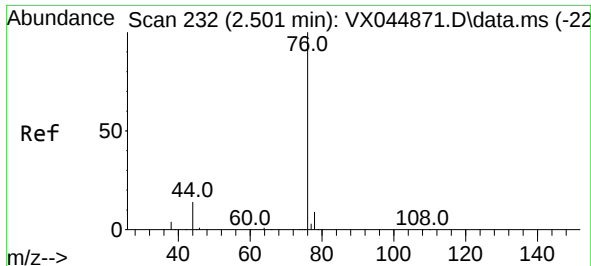
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#16
Acetone
Concen: 248.546 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

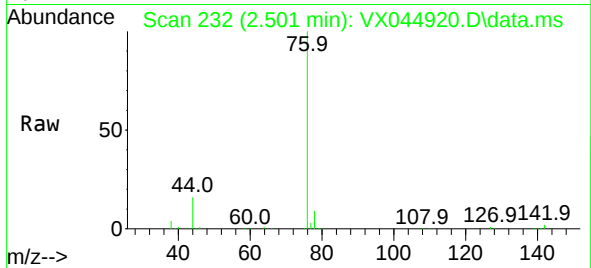
Tgt Ion: 43 Resp: 175667
Ion Ratio Lower Upper
43 100
58 32.2 26.5 39.7





#17
Carbon Disulfide
Concen: 46.213 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

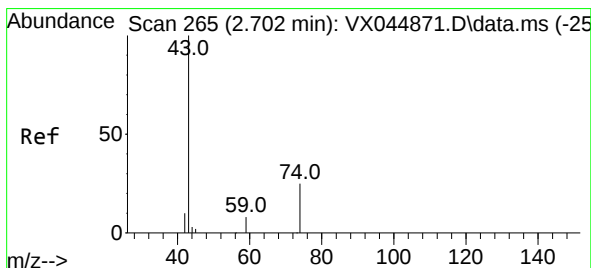
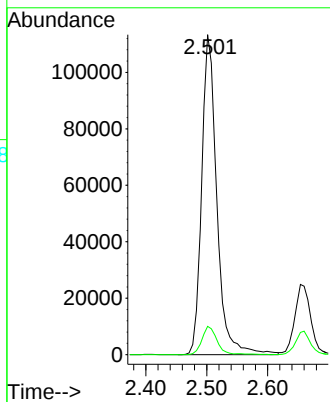
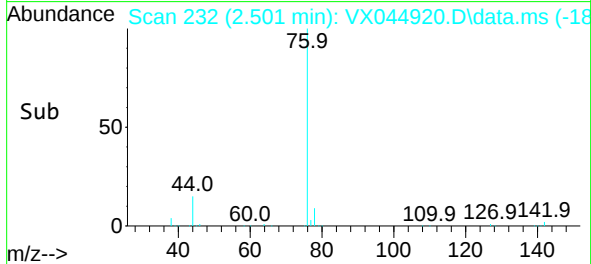
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



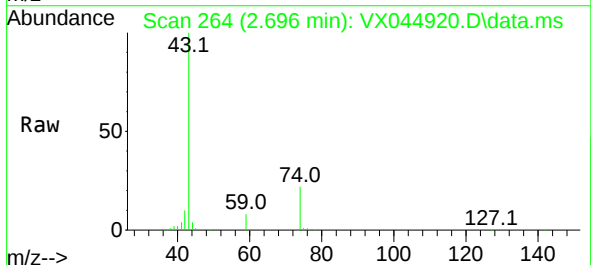
Tgt Ion: 76 Resp: 196175
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

Manual Integrations
APPROVED

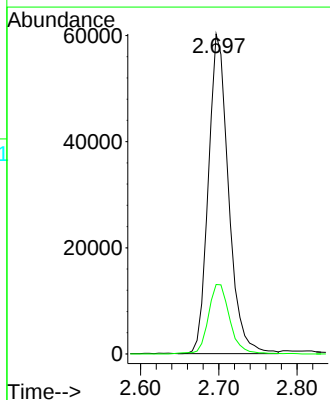
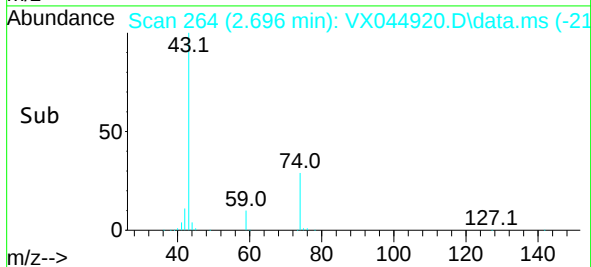
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

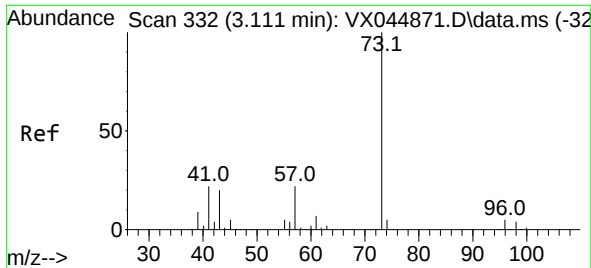


#18
Methyl Acetate
Concen: 48.211 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



Tgt Ion: 43 Resp: 107526
Ion Ratio Lower Upper
43 100
74 23.1 18.9 28.3





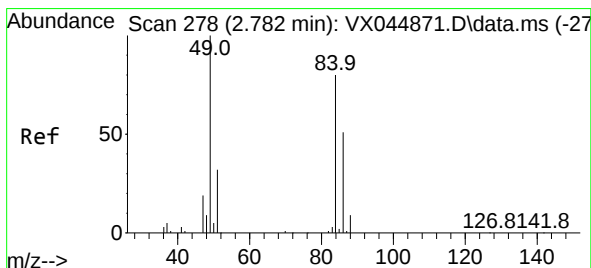
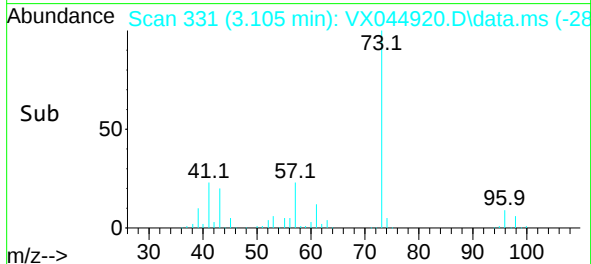
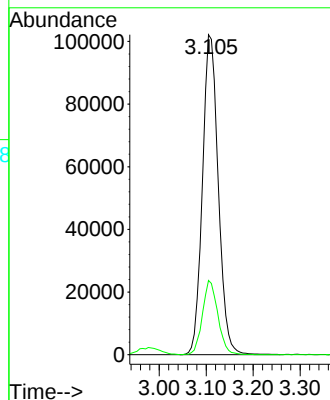
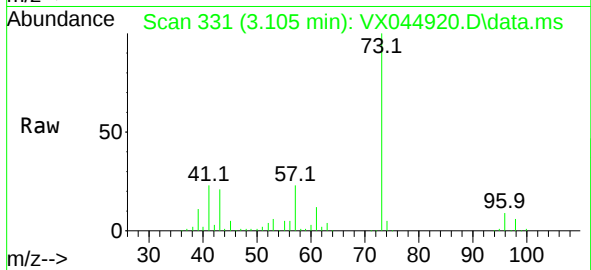
#19
Methyl tert-butyl Ether
Concen: 48.574 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 239250
Ion Ratio Lower Upper
73 100
57 23.2 17.9 26.9

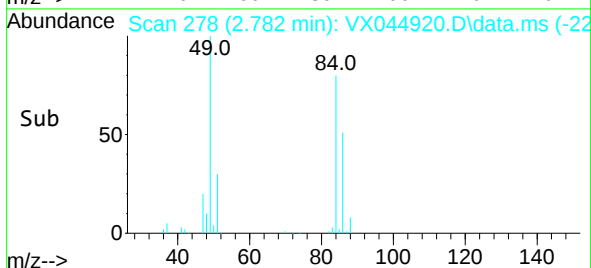
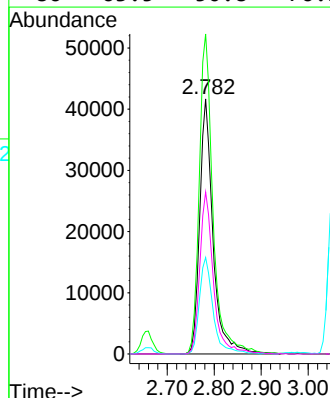
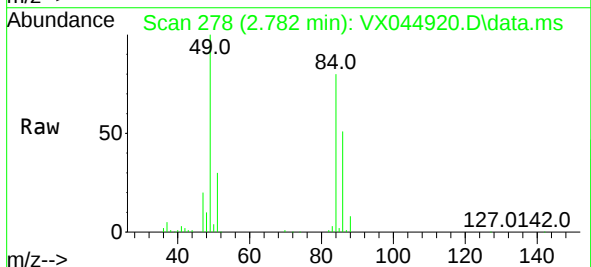
Manual Integrations
APPROVED

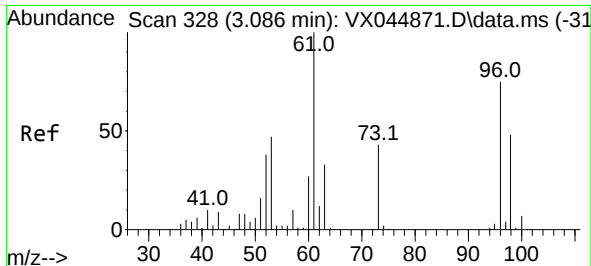
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#20
Methylene Chloride
Concen: 47.678 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

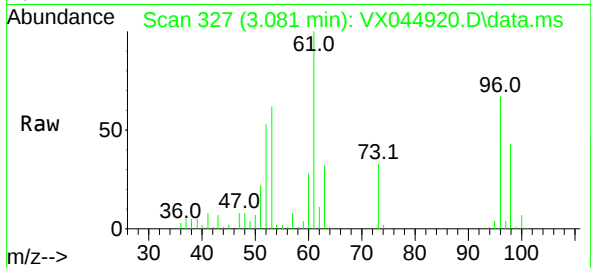
Tgt Ion: 84 Resp: 82539
Ion Ratio Lower Upper
84 100
49 125.5 100.1 150.1
51 37.8 31.7 47.5
86 63.5 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.344 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

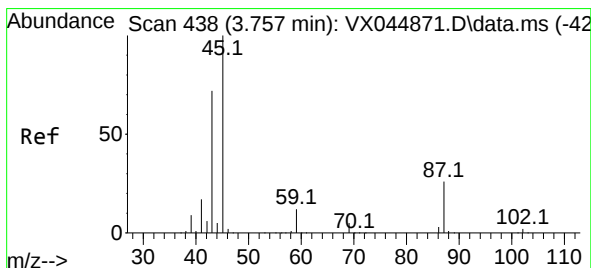
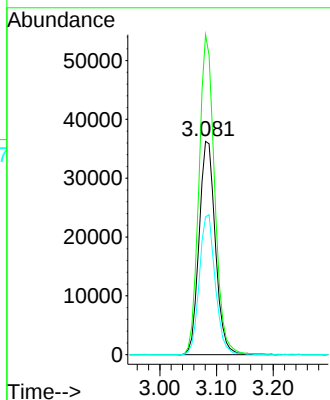
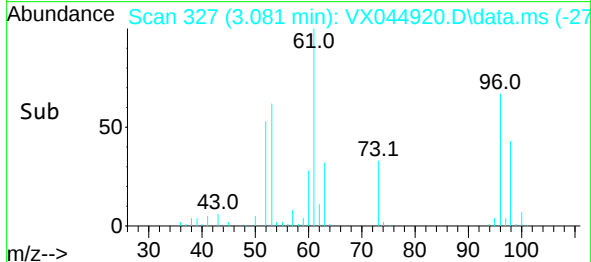
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



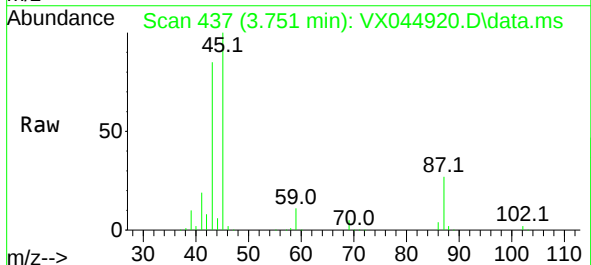
Tgt Ion: 96 Resp: 72134
Ion Ratio Lower Upper
96 100
61 150.0 106.0 159.0
98 64.6 50.6 76.0

Manual Integrations
APPROVED

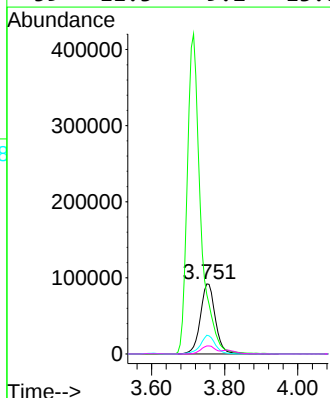
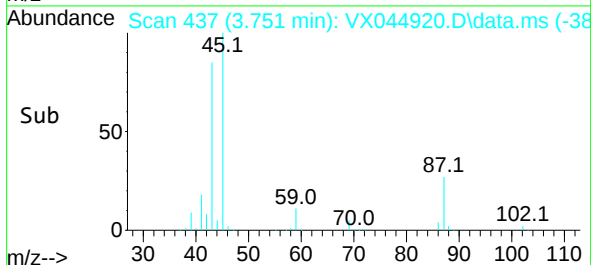
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

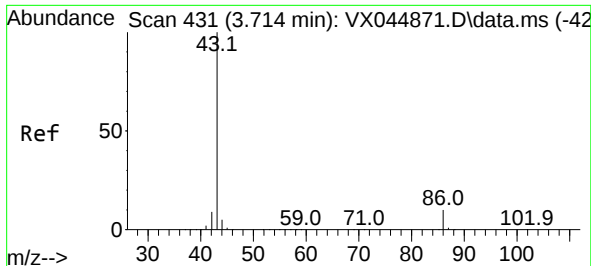


#22
Diisopropyl ether
Concen: 49.465 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



Tgt Ion: 45 Resp: 261816
Ion Ratio Lower Upper
45 100
43 84.1 58.0 87.0
87 26.6 20.7 31.1
59 11.3 9.2 13.8





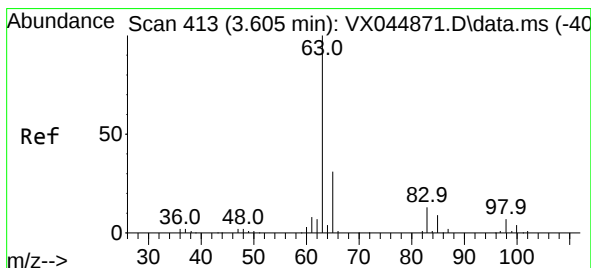
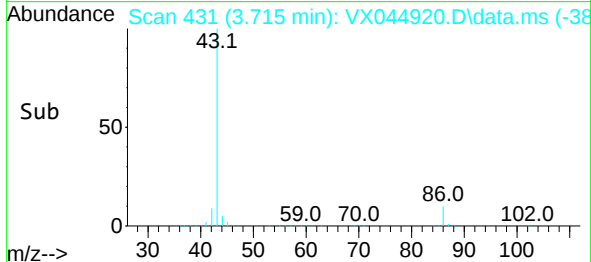
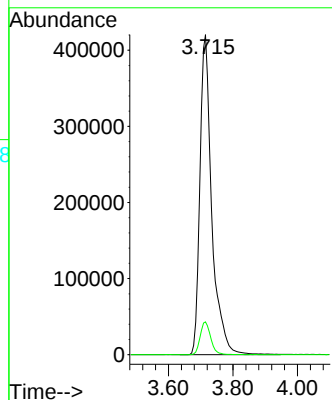
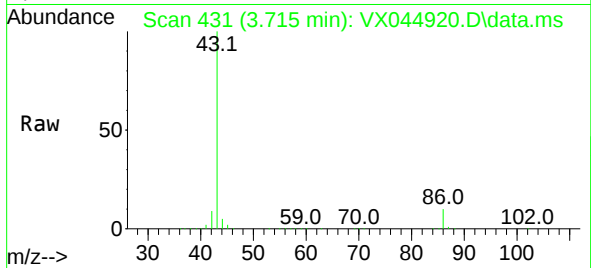
#23
 Vinyl Acetate
 Concen: 248.365 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX044920.D
 Acq: 12 Feb 2025 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 107172
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.3 12.5

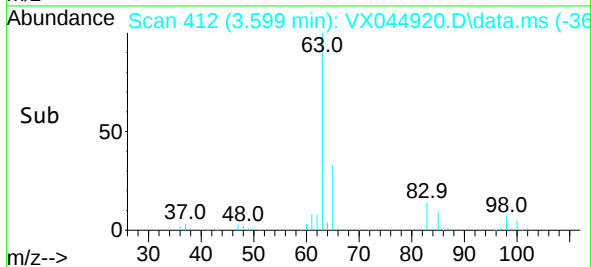
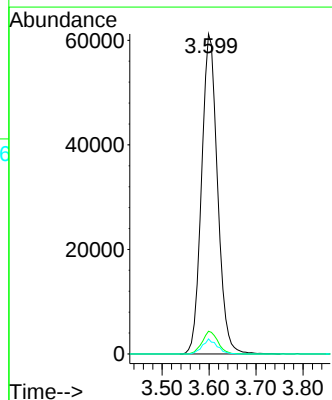
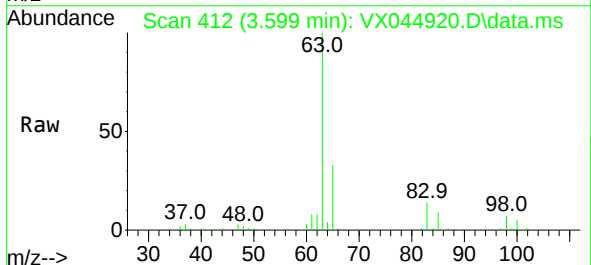
Manual Integrations
 APPROVED

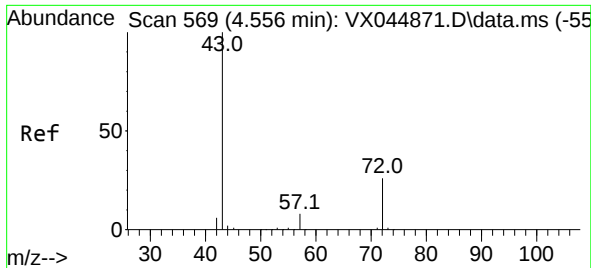
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#24
 1,1-Dichloroethane
 Concen: 48.732 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX044920.D
 Acq: 12 Feb 2025 10:07

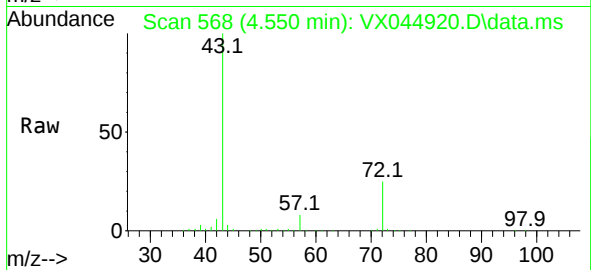
Tgt Ion: 63 Resp: 144325
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 243.912 ug/l
RT: 4.550 min Scan# 509
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

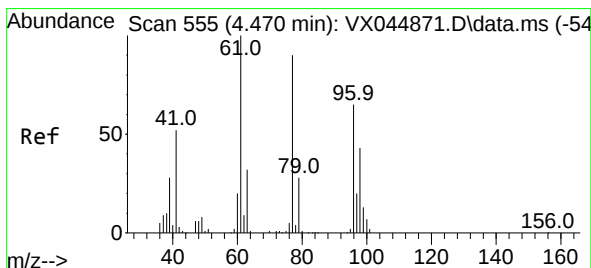
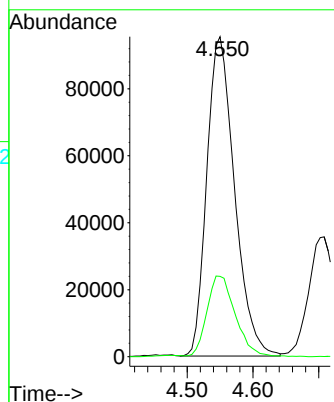
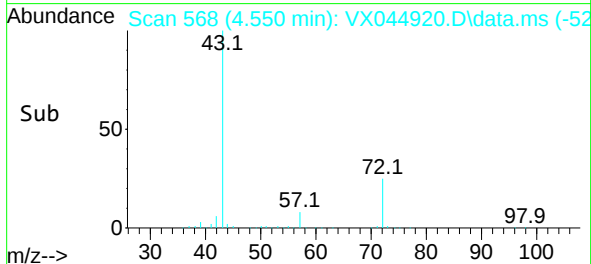
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 279933
Ion Ratio Lower Upper
43 100
72 24.9 21.2 31.8

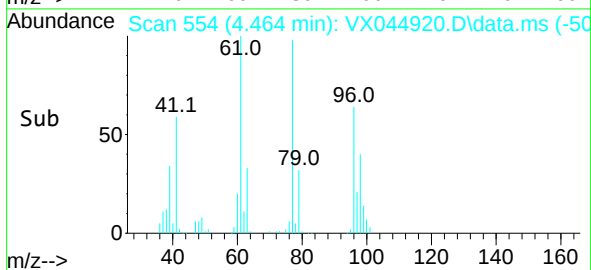
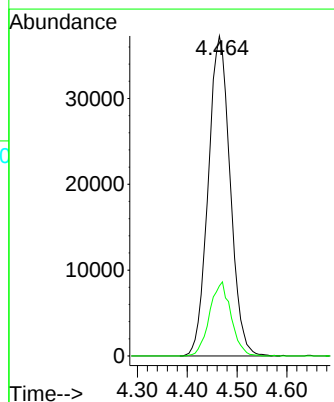
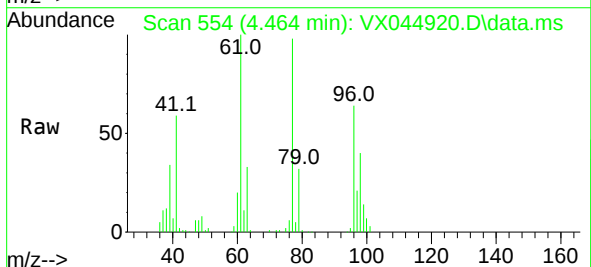
Manual Integrations
APPROVED

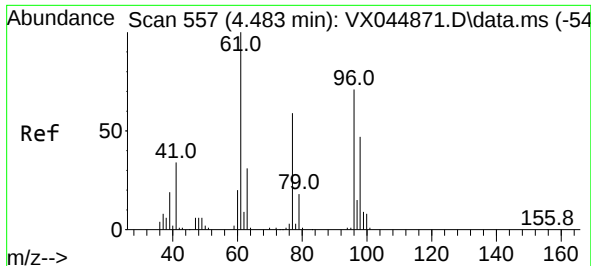
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#26
2,2-Dichloropropane
Concen: 48.481 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Tgt Ion: 77 Resp: 113866
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.076 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

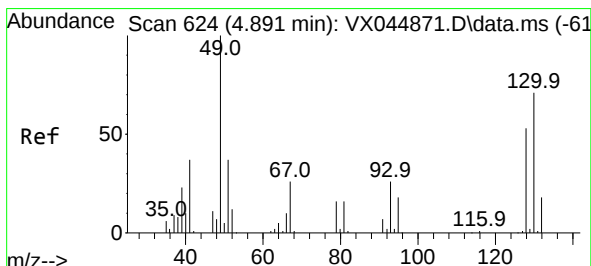
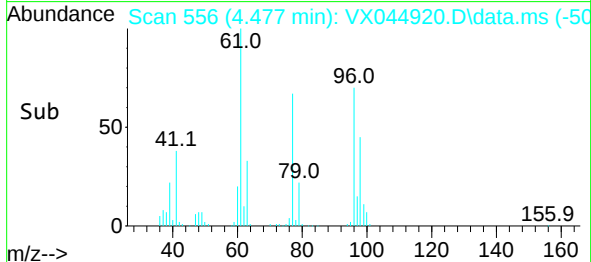
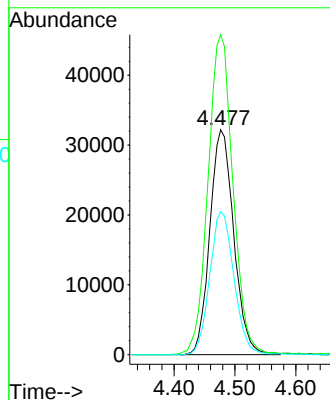
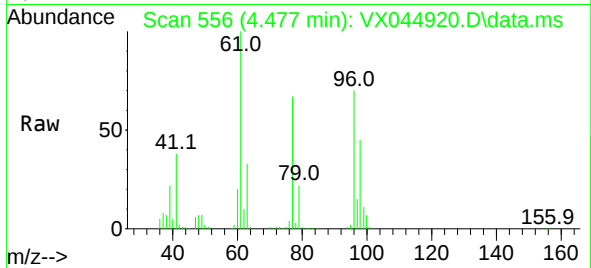
Tgt Ion: 96	Resp: 8798
Ion Ratio	Lower Upper
96	100
61	148.3 0.0 294.0
98	64.4 0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#28

Bromochloromethane

Concen: 50.687 ug/l

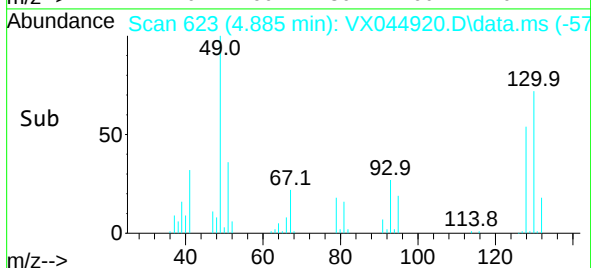
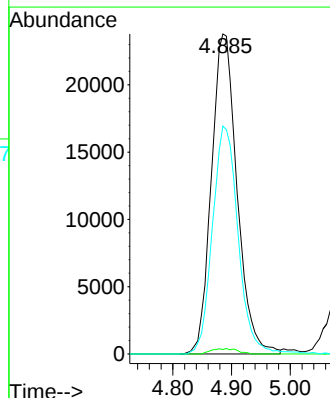
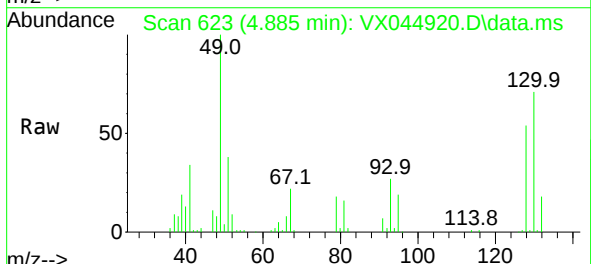
RT: 4.885 min Scan# 623

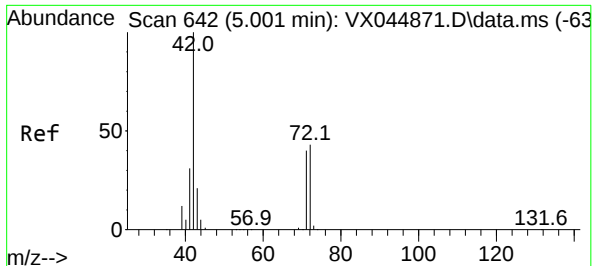
Delta R.T. -0.006 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

Tgt Ion: 49	Resp: 72142
Ion Ratio	Lower Upper
49	100
129	0.8 0.0 3.6
130	71.4 56.7 85.1





#29

Tetrahydrofuran

Concen: 240.180 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX044920.D

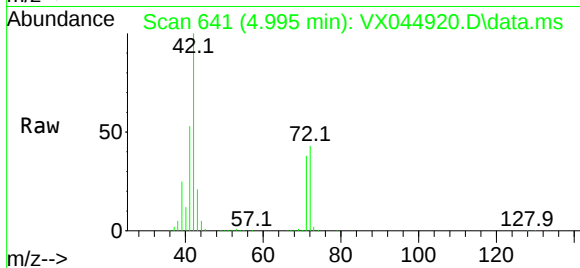
Acq: 12 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 183038

Ion Ratio Lower Upper

42 100

72 44.0 35.0 52.4

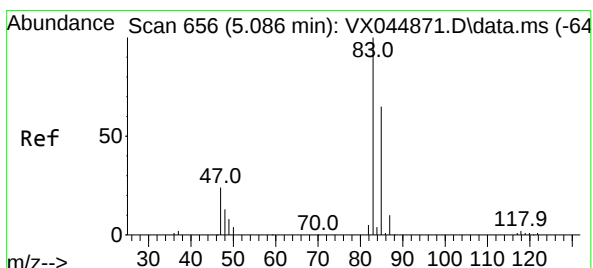
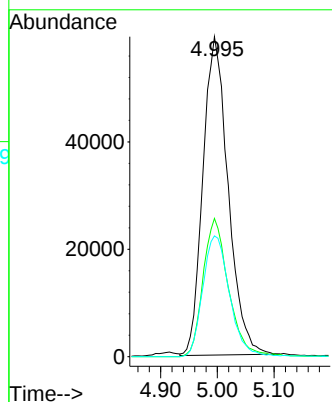
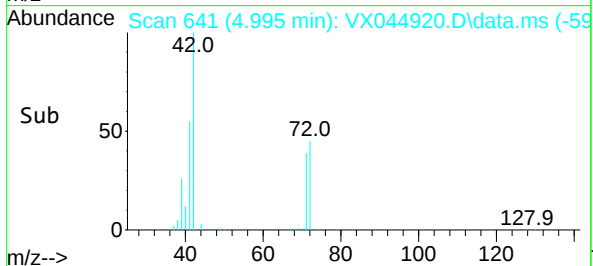
71 40.2 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#30

Chloroform

Concen: 48.459 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX044920.D

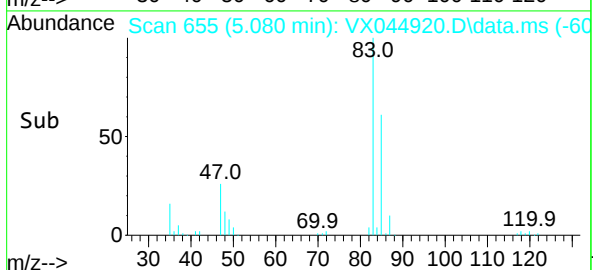
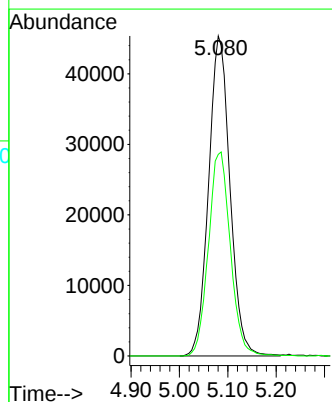
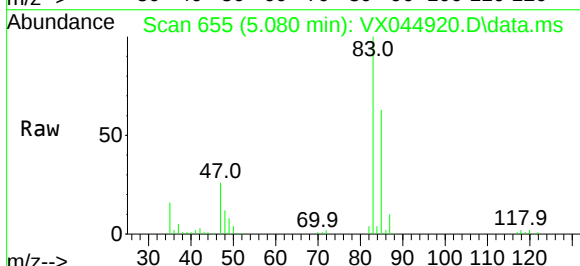
Acq: 12 Feb 2025 10:07

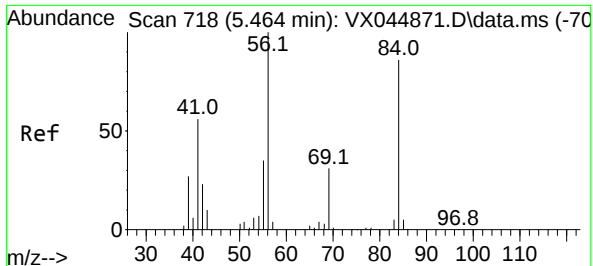
Tgt Ion: 83 Resp: 139181

Ion Ratio Lower Upper

83 100

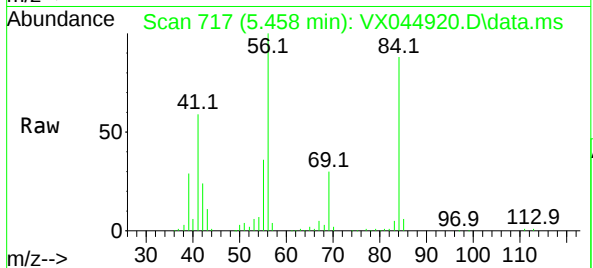
85 63.0 52.1 78.1





#31
Cyclohexane
Concen: 47.478 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

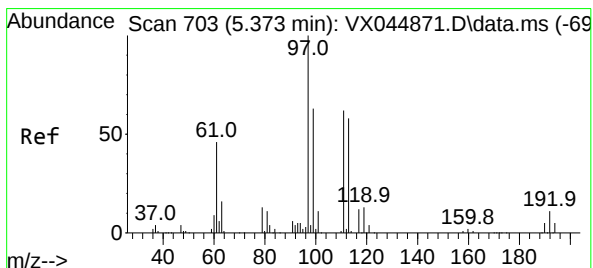
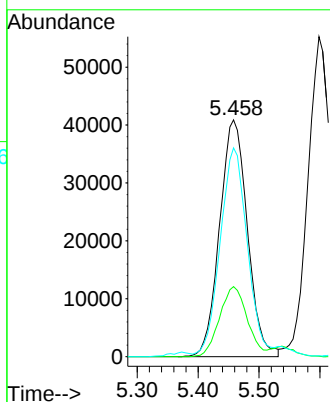
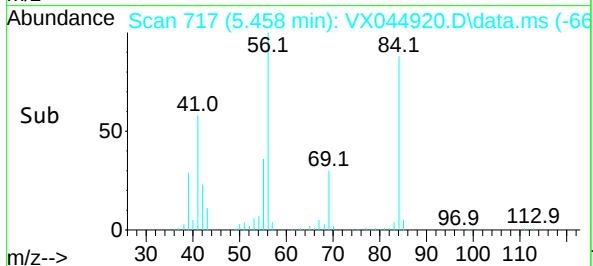
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



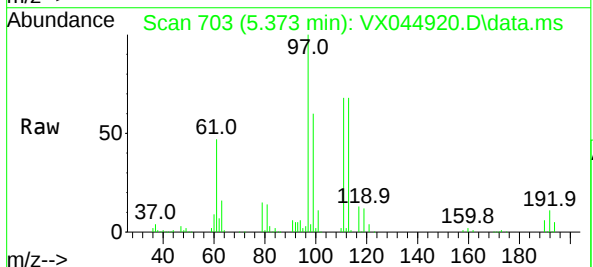
Tgt Ion: 56 Resp: 129630
Ion Ratio Lower Upper
56 100
69 29.6 24.4 36.6
84 86.6 69.0 103.6

Manual Integrations
APPROVED

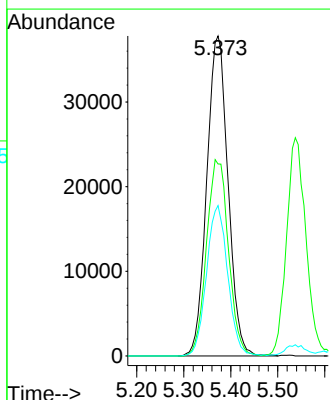
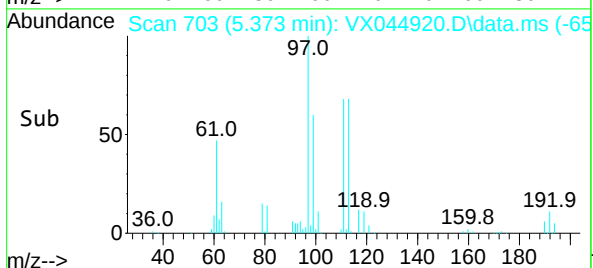
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

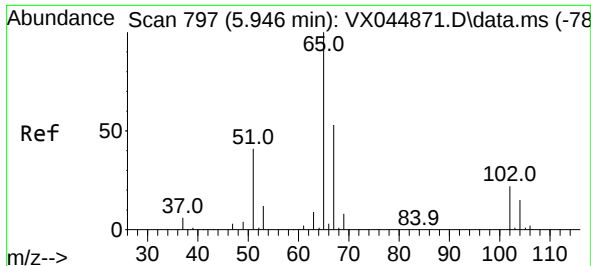


#32
1,1,1-Trichloroethane
Concen: 48.724 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



Tgt Ion: 97 Resp: 118700
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 47.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.302 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 91954

Ion Ratio Lower Upper

65 100

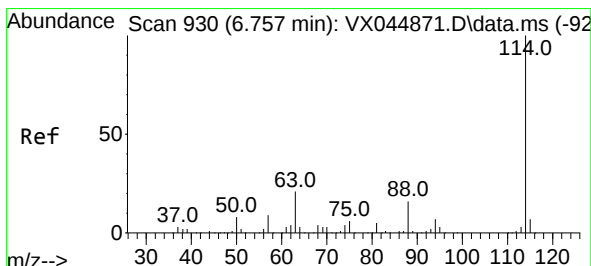
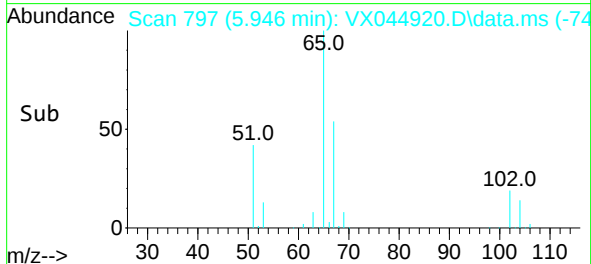
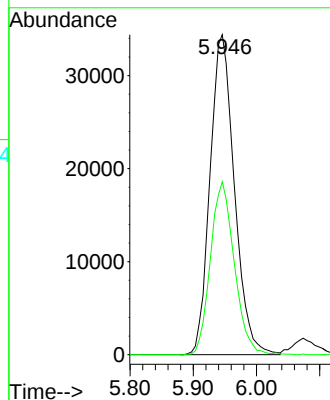
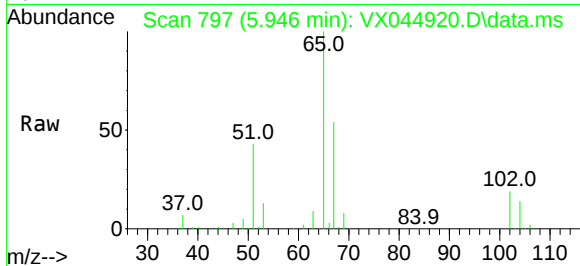
67 52.9 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

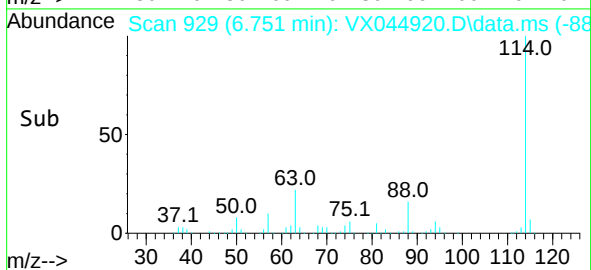
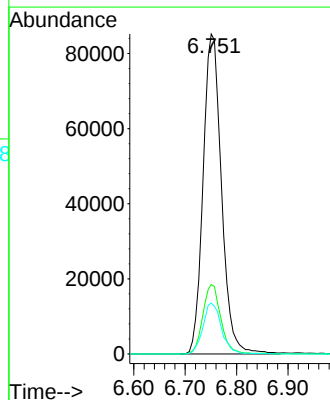
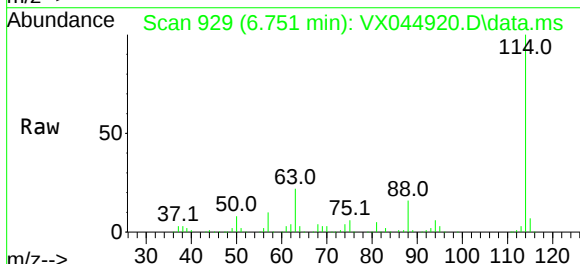
Tgt Ion:114 Resp: 211946

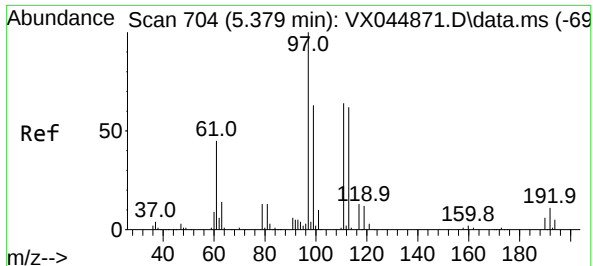
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

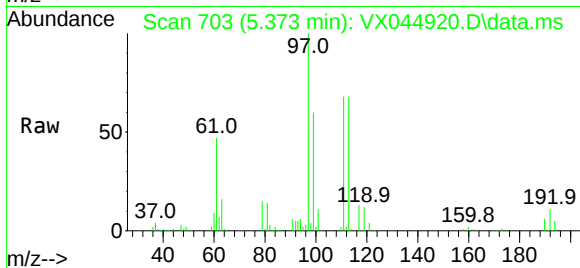
88 15.9 0.0 31.4





#35
Dibromofluoromethane
Concen: 54.340 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

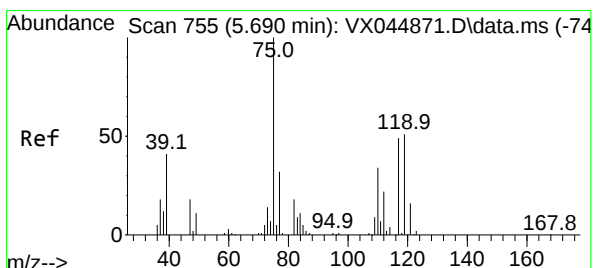
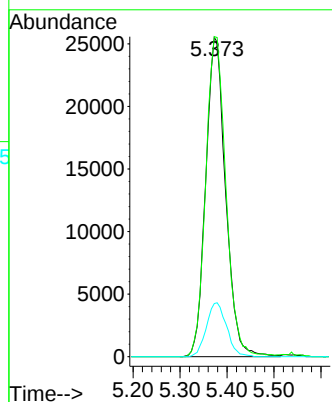
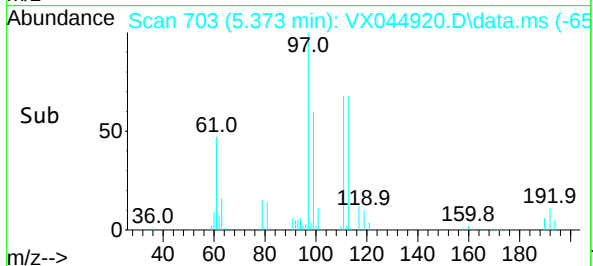
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 7488
Ion Ratio Lower Upper
113 100
111 101.9 83.5 125.3
192 17.2 14.4 21.6

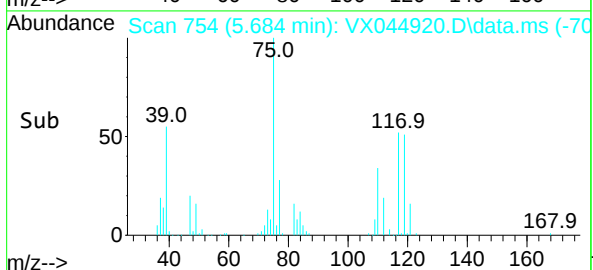
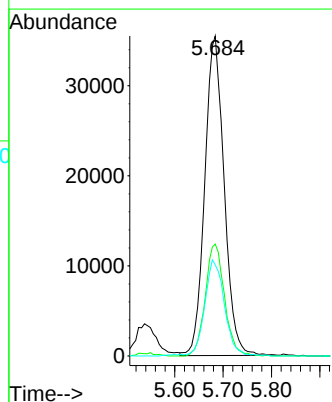
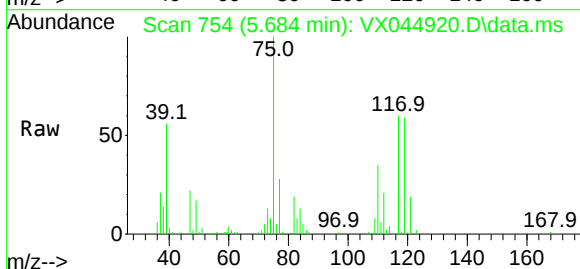
Manual Integrations
APPROVED

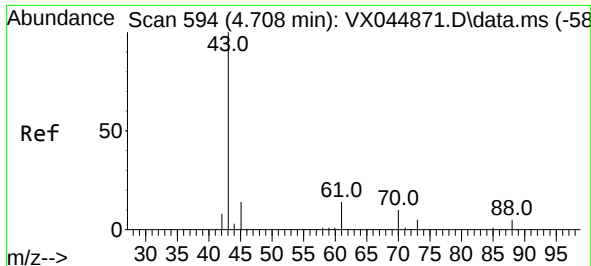
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#36
1,1-Dichloropropene
Concen: 49.631 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

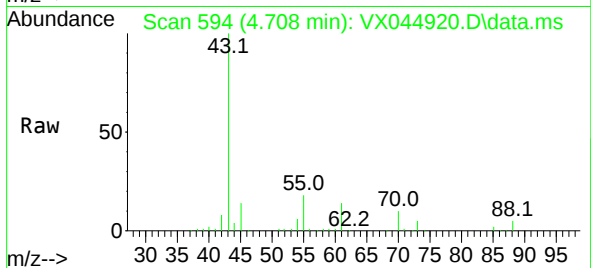
Tgt Ion: 75 Resp: 98671
Ion Ratio Lower Upper
75 100
110 34.8 17.2 51.6
77 30.5 24.6 37.0





#37
Ethyl Acetate
Concen: 48.172 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

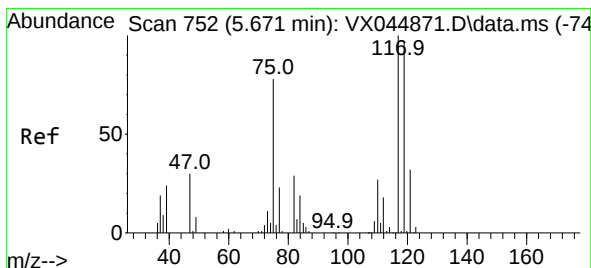
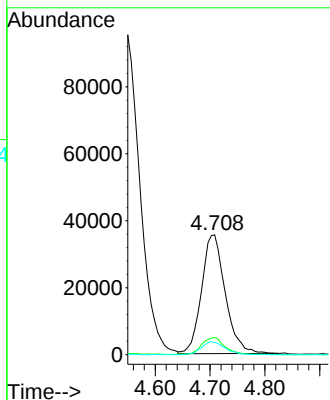
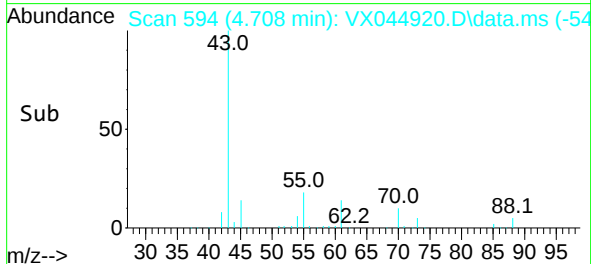
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 10652
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.4
70 10.7 8.2 12.2

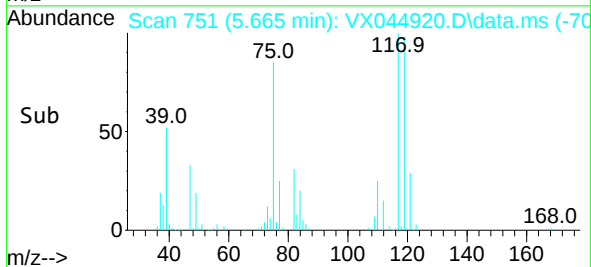
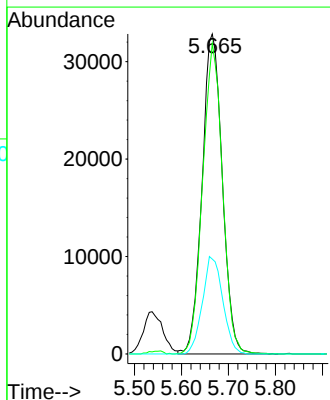
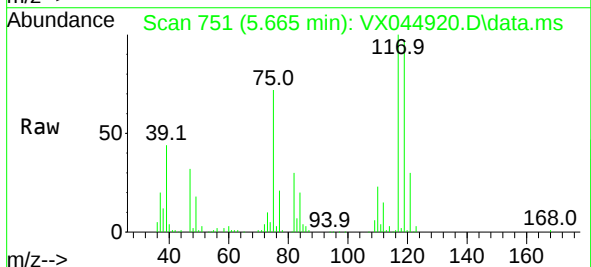
Manual Integrations
APPROVED

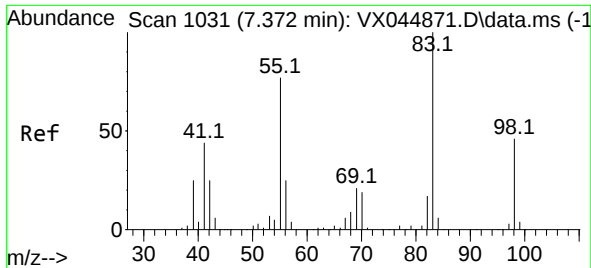
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#38
Carbon Tetrachloride
Concen: 50.355 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Tgt Ion:117 Resp: 98102
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3
121 29.7 25.6 38.4





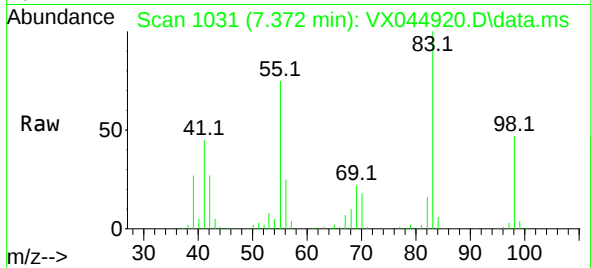
#39
Methylcyclohexane
Concen: 52.425 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



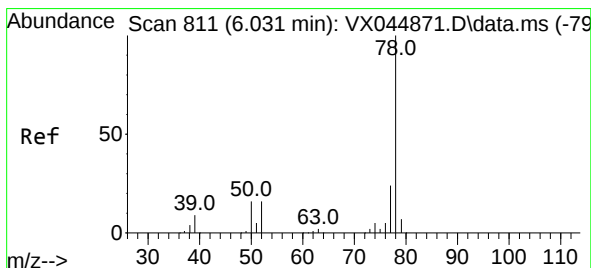
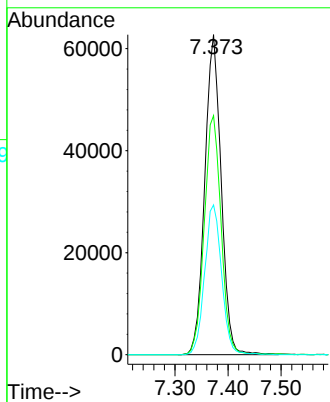
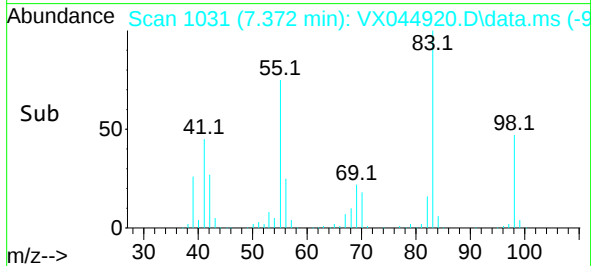
Tgt Ion: 83 Resp: 134748
Ion Ratio Lower Upper
83 100
55 74.7 61.3 91.9
98 46.8 37.0 55.6

Manual Integrations

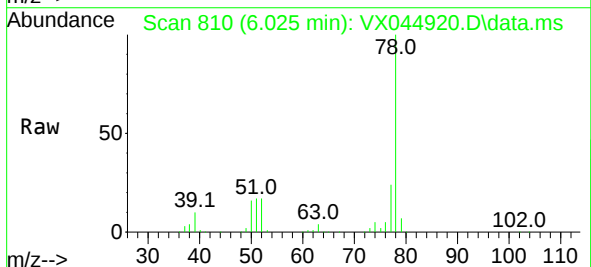
APPROVED

Reviewed By :John Carlone 02/14/2025

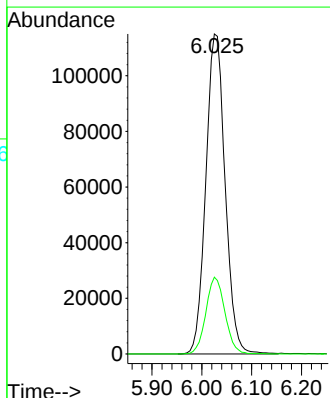
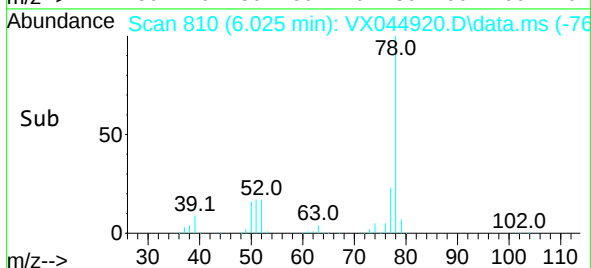
Supervised By :Mahesh Dadoda 02/14/2025

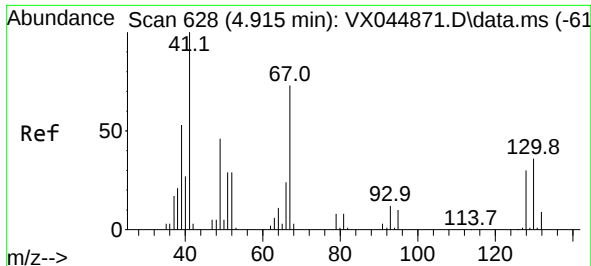


#40
Benzene
Concen: 49.781 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



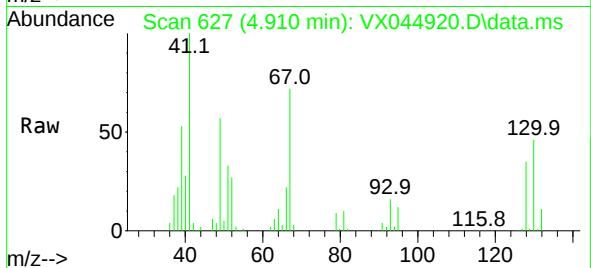
Tgt Ion: 78 Resp: 309040
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 52.708 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

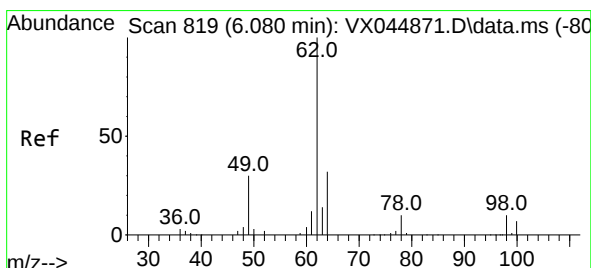
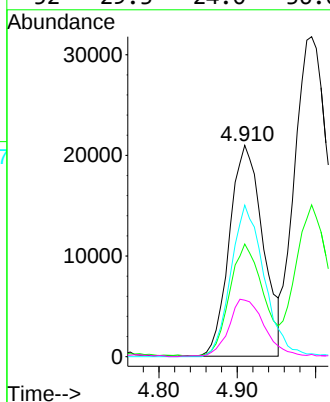
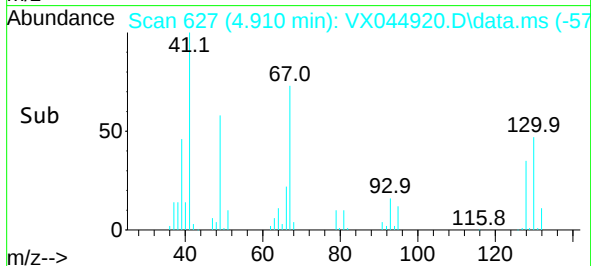
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 6238
Ion Ratio Lower Upper
41 100
39 53.1 43.1 64.7
67 72.3 57.0 85.6
52 29.3 24.0 36.0

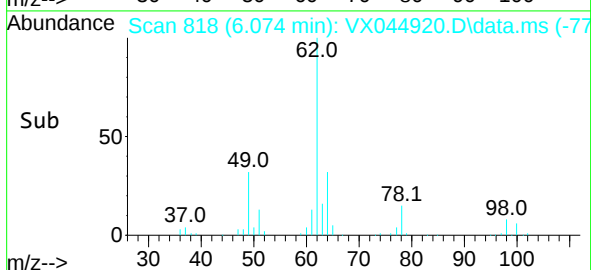
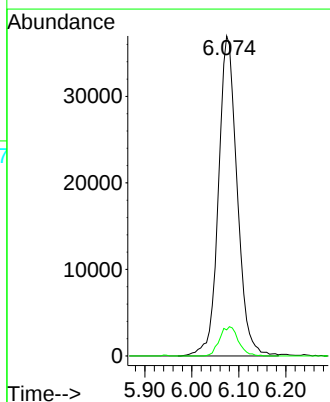
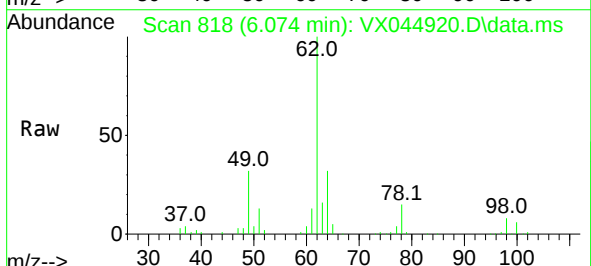
Manual Integrations
APPROVED

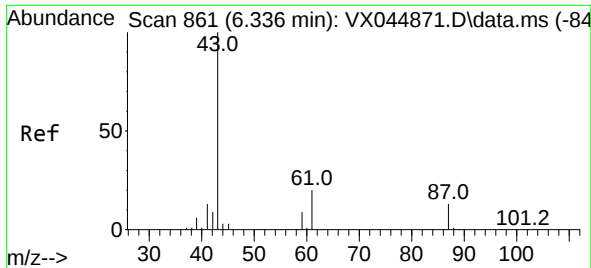
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#42
1,2-Dichloroethane
Concen: 51.758 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

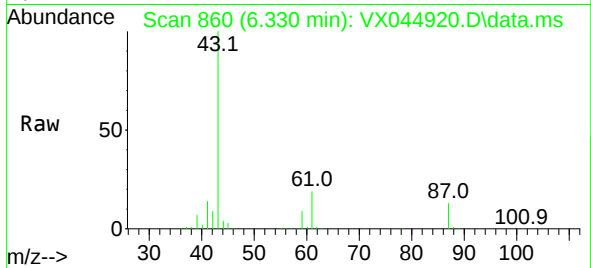
Tgt Ion: 62 Resp: 102405
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 50.744 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

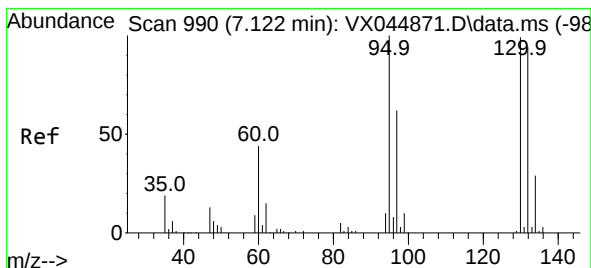
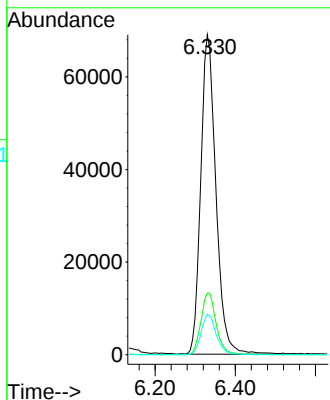
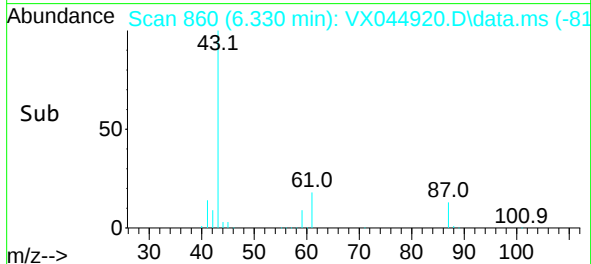
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 18120
Ion Ratio Lower Upper
43 100
61 19.3 15.8 23.8
87 12.6 10.0 15.0

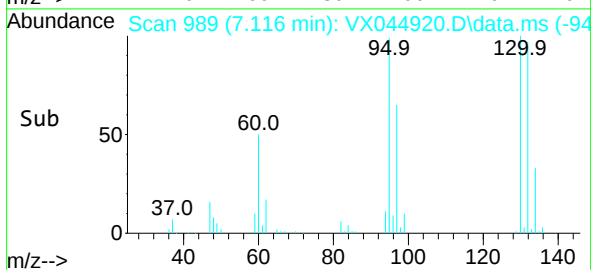
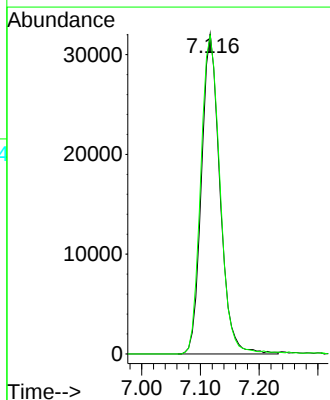
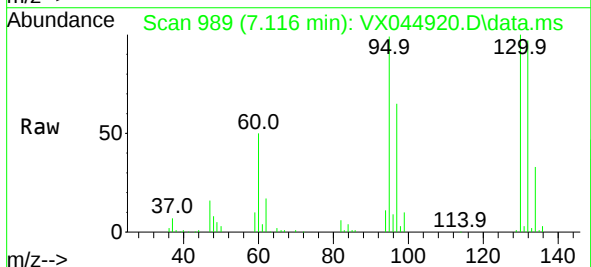
Manual Integrations
APPROVED

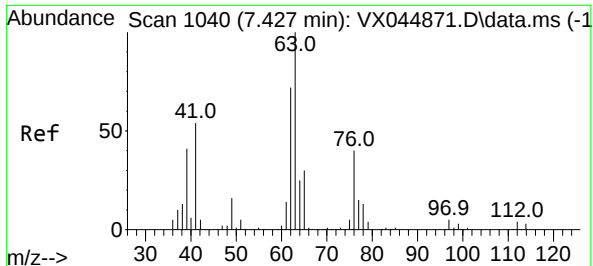
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#44
Trichloroethene
Concen: 49.313 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Tgt Ion:130 Resp: 69974
Ion Ratio Lower Upper
130 100
95 99.5 0.0 202.4





#45

1,2-Dichloropropane

Concen: 50.178 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7749

Ion Ratio Lower Upper

63 100

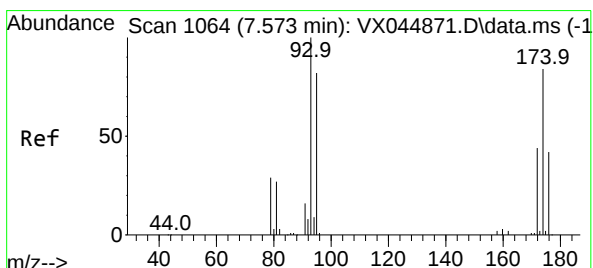
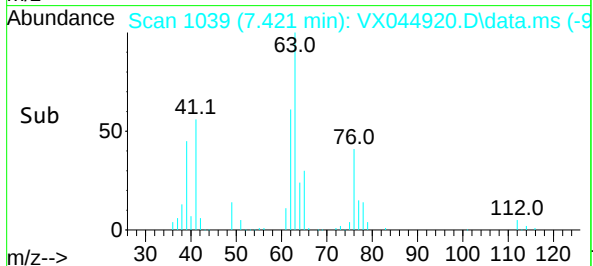
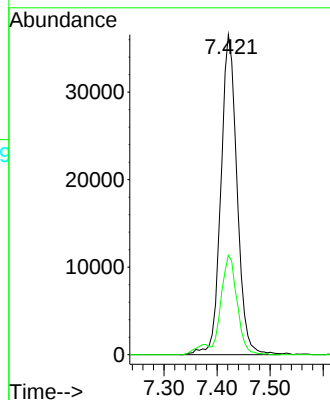
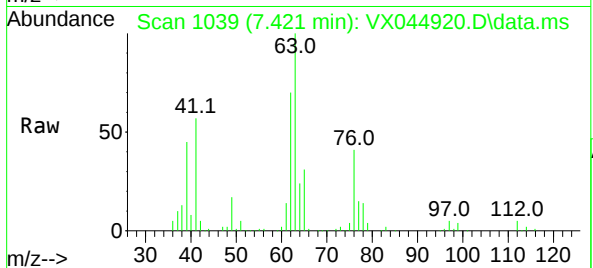
65 31.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#46

Dibromomethane

Concen: 50.143 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

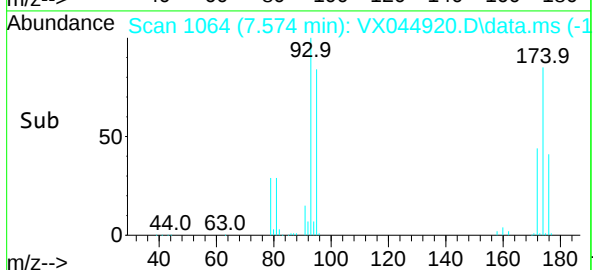
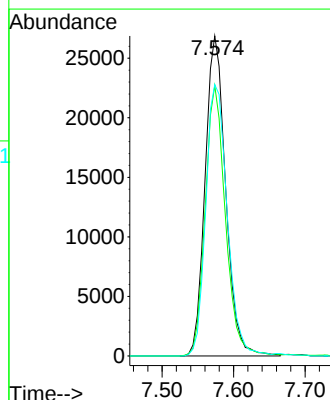
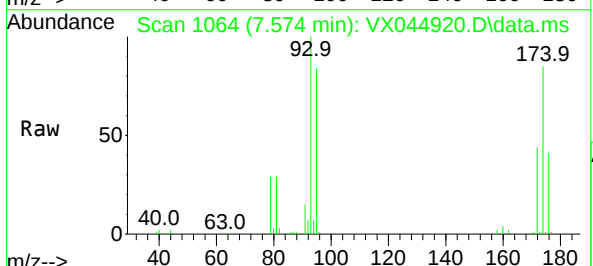
Tgt Ion: 93 Resp: 53707

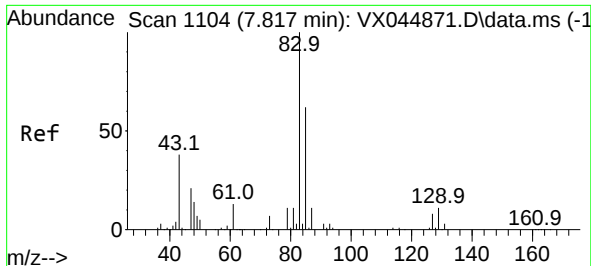
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

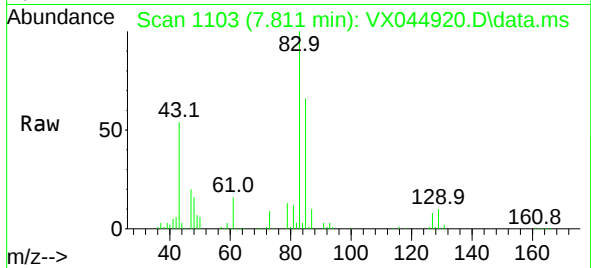
174 88.4 69.9 104.9





#47
Bromodichloromethane
Concen: 51.579 ug/l
RT: 7.811 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

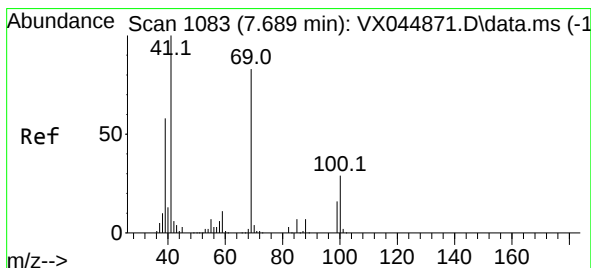
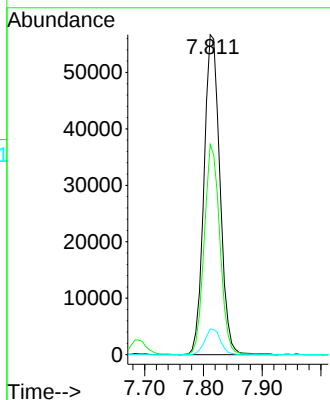
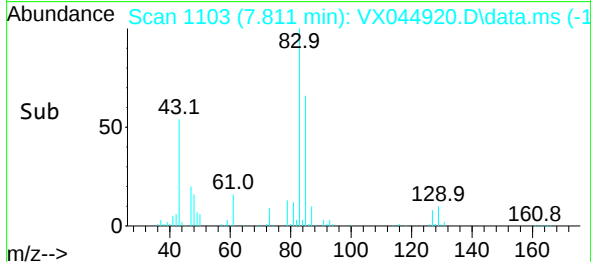
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10697
Ion Ratio Lower Upper
83 100
85 65.6 50.0 75.0
127 8.1 6.4 9.6

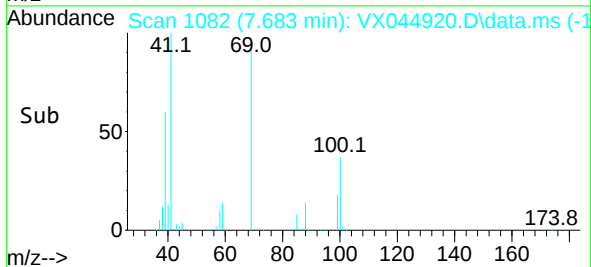
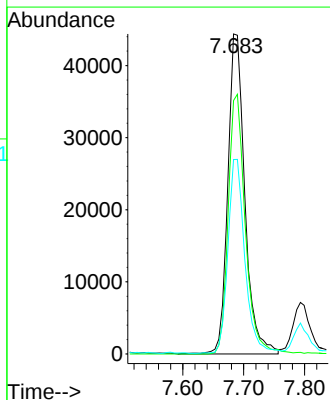
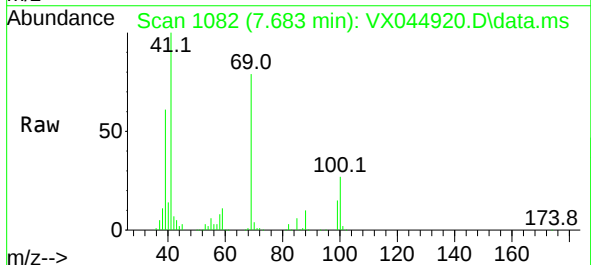
Manual Integrations
APPROVED

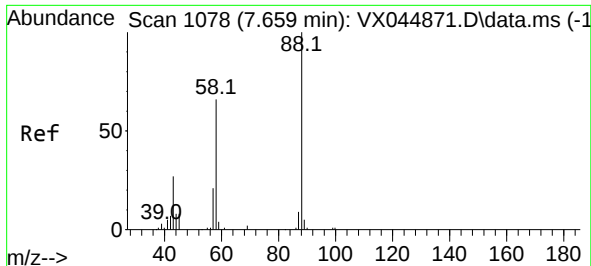
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#48
Methyl methacrylate
Concen: 51.258 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

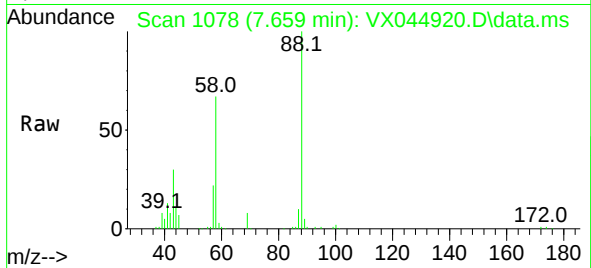
Tgt Ion: 41 Resp: 86305
Ion Ratio Lower Upper
41 100
69 81.4 65.8 98.8
39 60.2 46.4 69.6





#49
1,4-Dioxane
Concen: 981.246 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

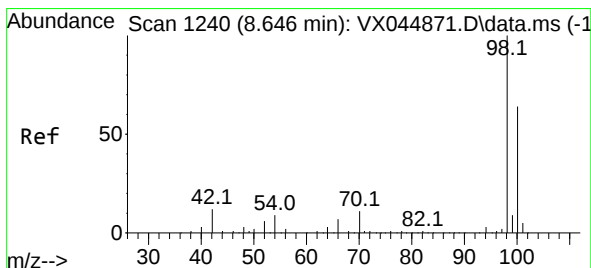
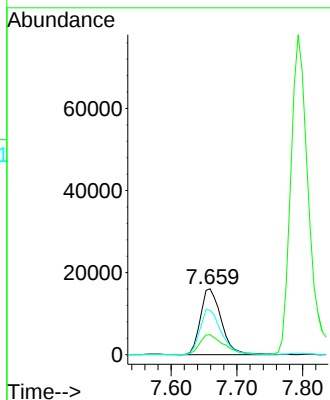
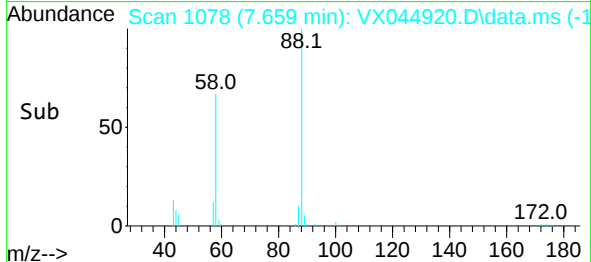
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 3544
Ion Ratio Lower Upper
88 100
43 35.6 26.6 39.8
58 69.8 55.9 83.9

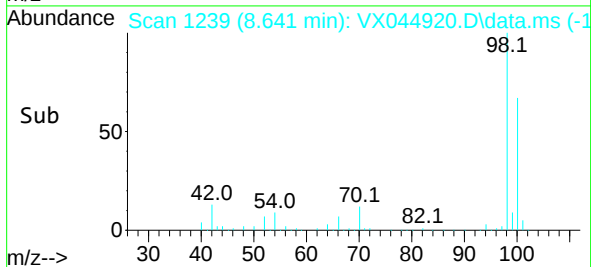
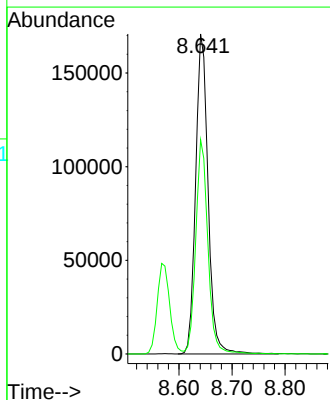
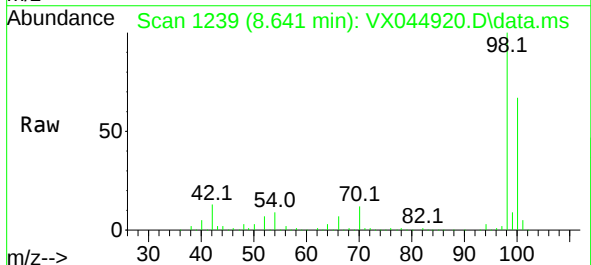
Manual Integrations
APPROVED

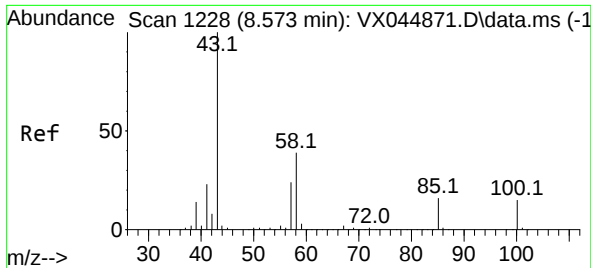
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#50
Toluene-d8
Concen: 53.391 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

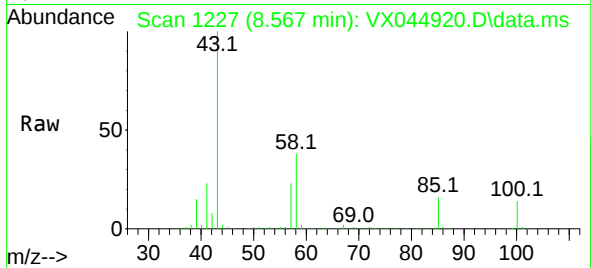
Tgt Ion: 98 Resp: 278211
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 259.224 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

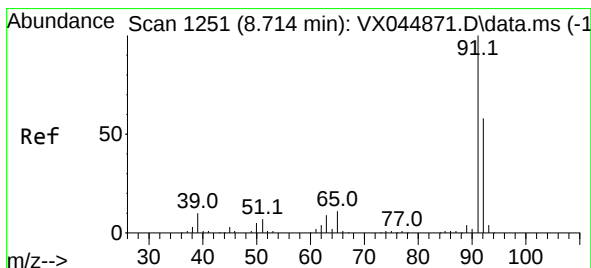
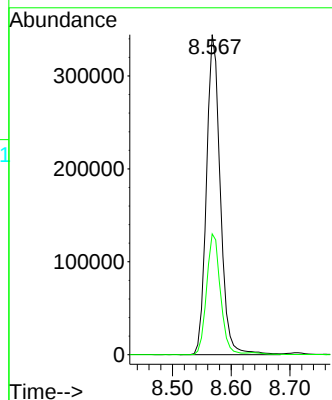
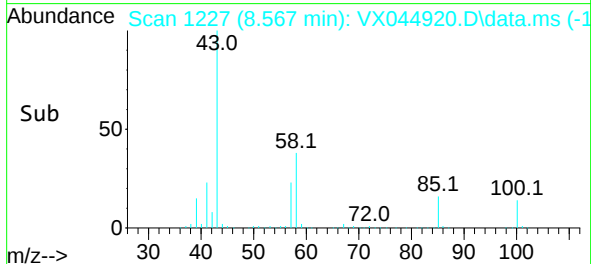
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 56275
Ion Ratio Lower Upper
43 100
58 37.8 30.8 46.2

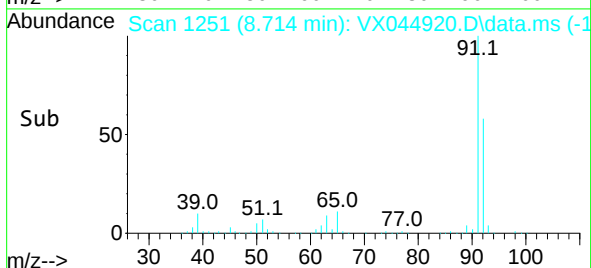
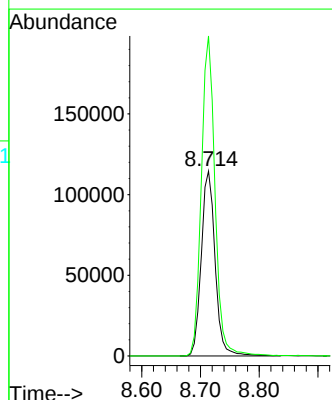
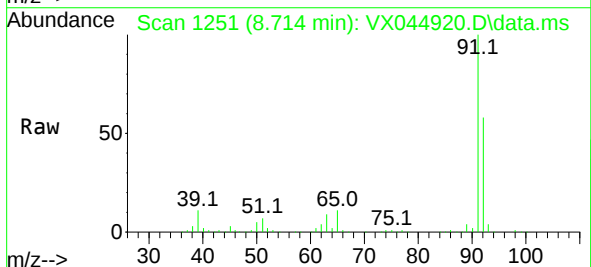
Manual Integrations
APPROVED

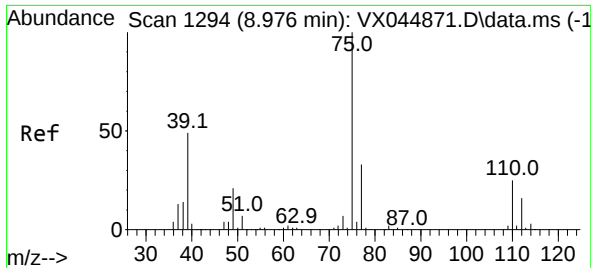
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#52
Toluene
Concen: 50.867 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

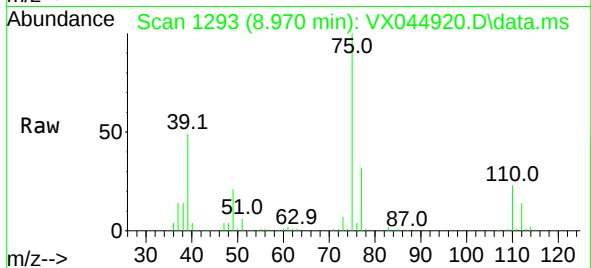
Tgt Ion: 92 Resp: 188063
Ion Ratio Lower Upper
92 100
91 170.9 137.4 206.2





#53
 t-1,3-Dichloropropene
 Concen: 51.862 ug/l
 RT: 8.970 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VX044920.D
 Acq: 12 Feb 2025 10:07

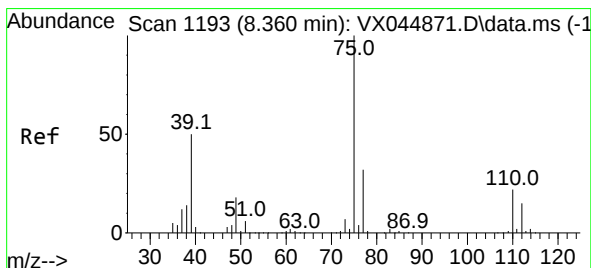
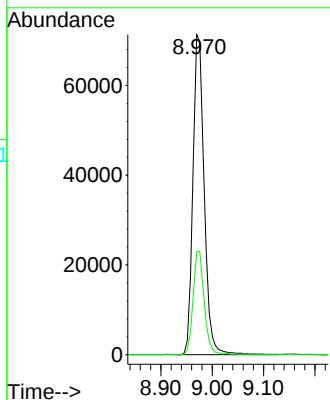
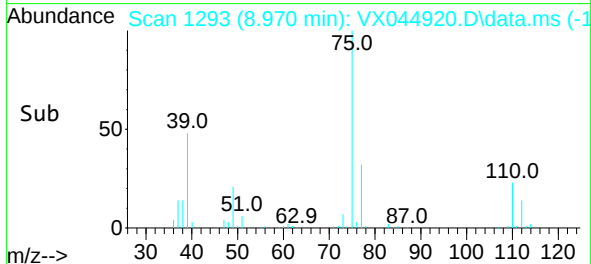
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 10884
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.0 39.0

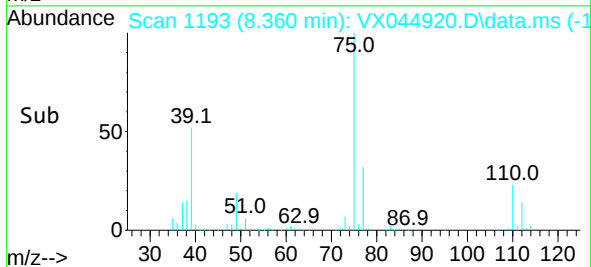
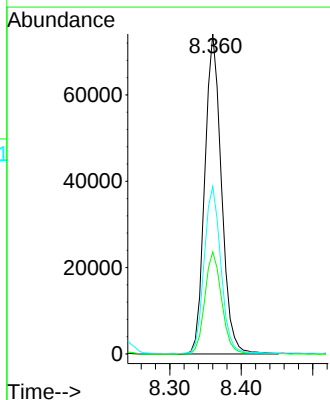
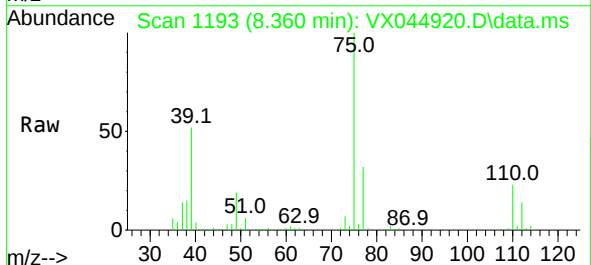
Manual Integrations
 APPROVED

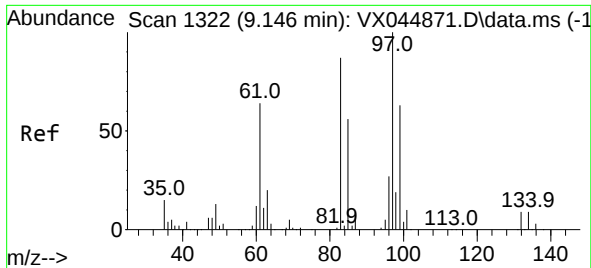
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#54
 cis-1,3-Dichloropropene
 Concen: 51.308 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044920.D
 Acq: 12 Feb 2025 10:07

Tgt Ion: 75 Resp: 120059
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 52.2 40.0 60.0





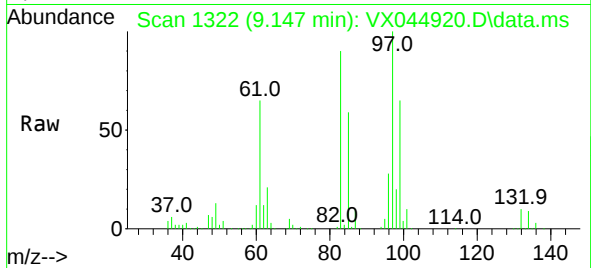
#55
1,1,2-Trichloroethane
Concen: 49.796 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



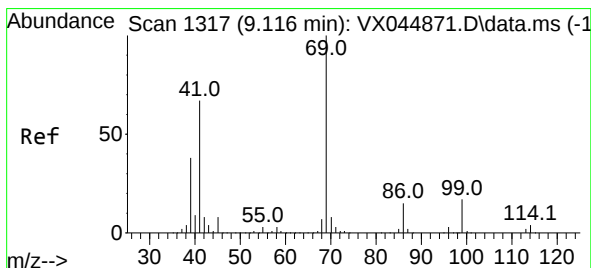
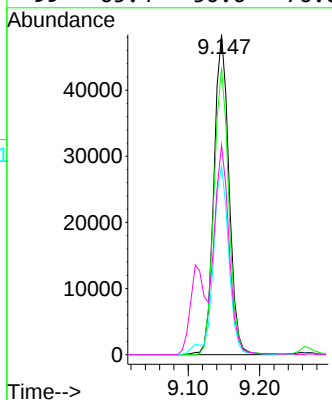
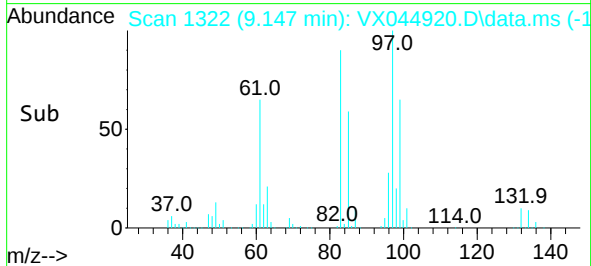
Tgt Ion: 97 Resp: 70772
Ion Ratio Lower Upper
97 100
83 89.5 69.8 104.6
85 58.9 44.8 67.2
99 65.4 50.6 76.0

Manual Integrations

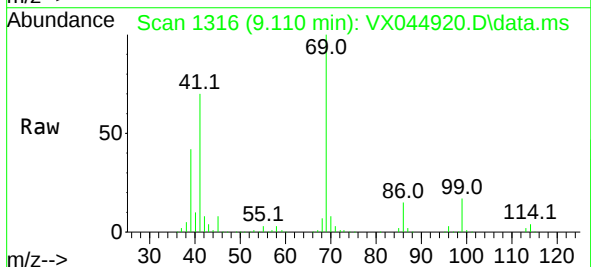
APPROVED

Reviewed By :John Carlone 02/14/2025

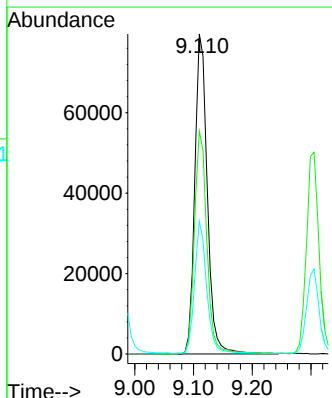
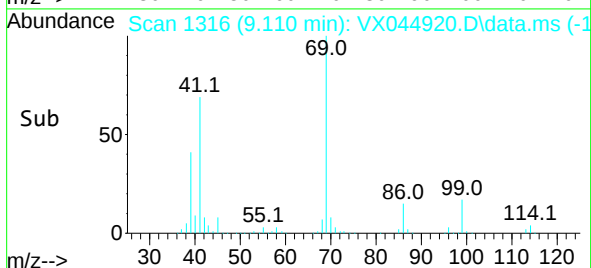
Supervised By :Mahesh Dadoda 02/14/2025

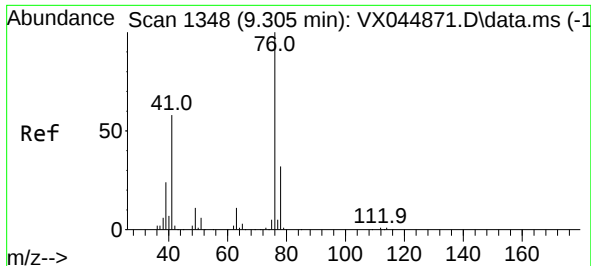


#56
Ethyl methacrylate
Concen: 51.235 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



Tgt Ion: 69 Resp: 117608
Ion Ratio Lower Upper
69 100
41 69.9 55.2 82.8
39 40.1 30.8 46.2





#57

1,3-Dichloropropane

Concen: 50.576 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 125770

Ion Ratio Lower Upper

76 100

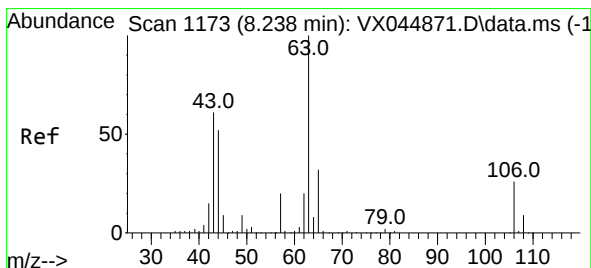
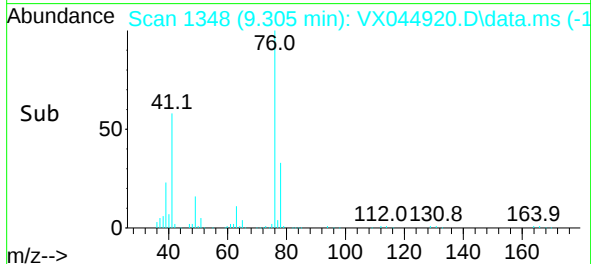
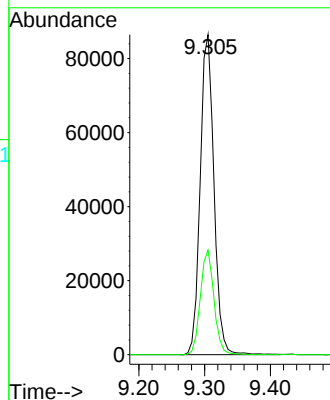
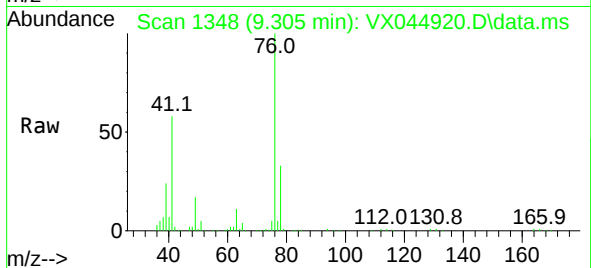
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 264.951 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX044920.D

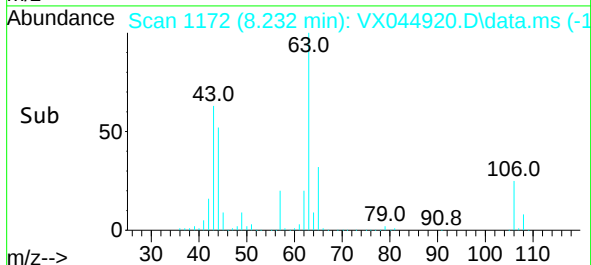
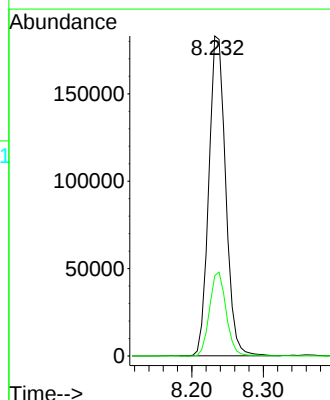
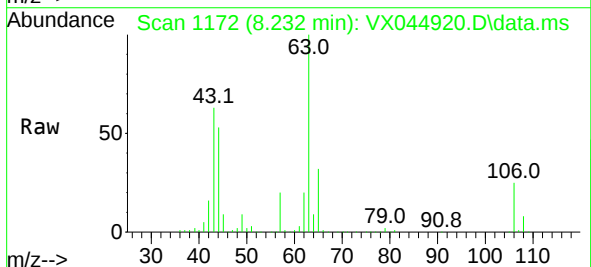
Acq: 12 Feb 2025 10:07

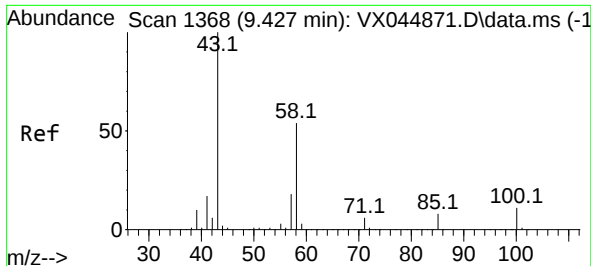
Tgt Ion: 63 Resp: 298625

Ion Ratio Lower Upper

63 100

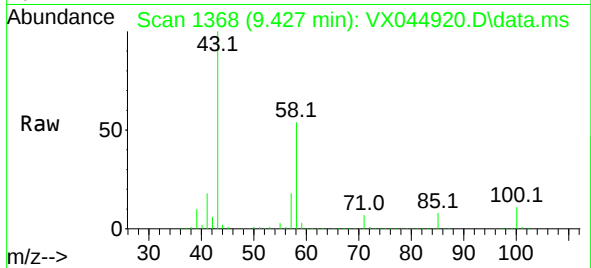
106 25.9 21.3 31.9





#59
2-Hexanone
Concen: 258.586 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

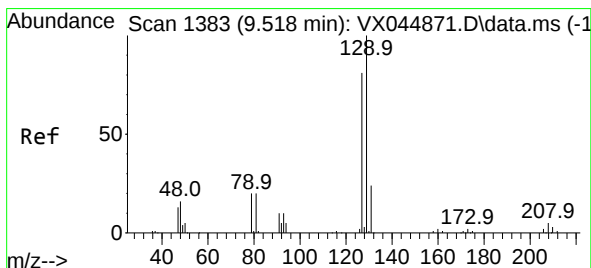
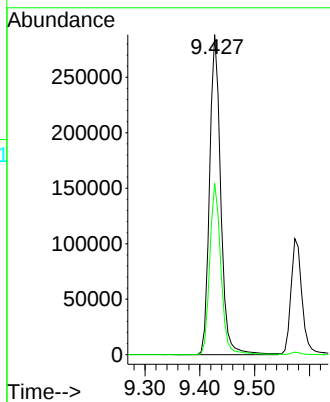
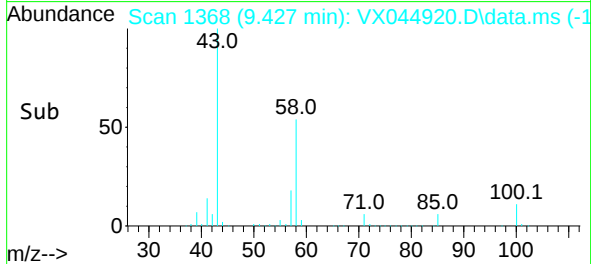
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 40447
Ion Ratio Lower Upper
43 100
58 53.6 27.5 82.4

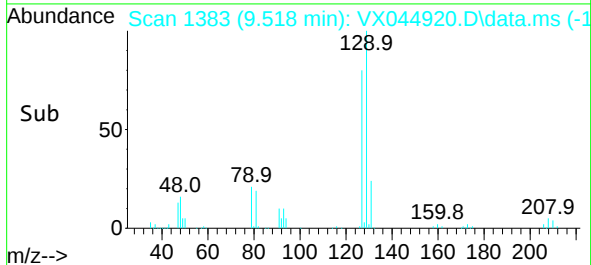
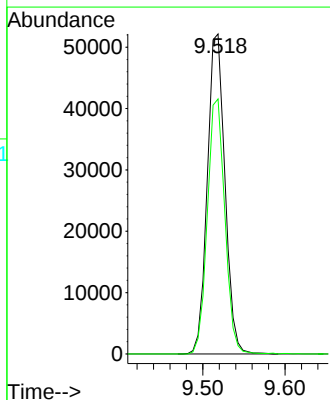
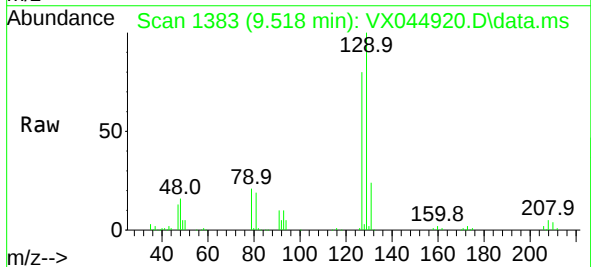
Manual Integrations
APPROVED

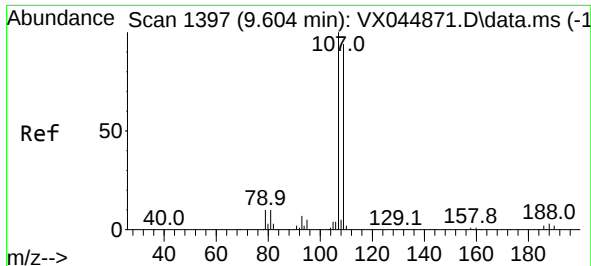
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#60
Dibromochloromethane
Concen: 51.129 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

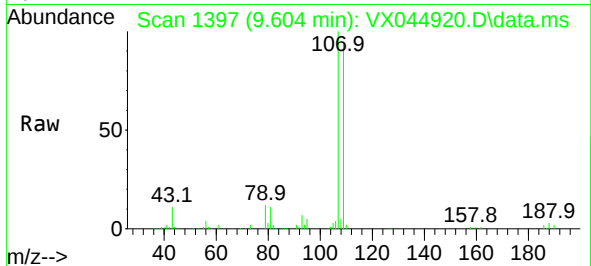
Tgt Ion:129 Resp: 77715
Ion Ratio Lower Upper
129 100
127 79.1 39.1 117.3





#61
1,2-Dibromoethane
Concen: 50.508 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

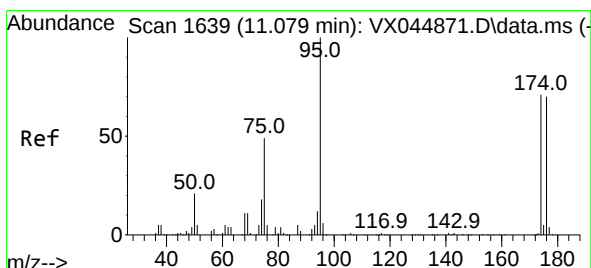
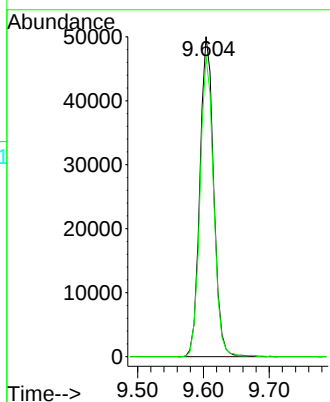
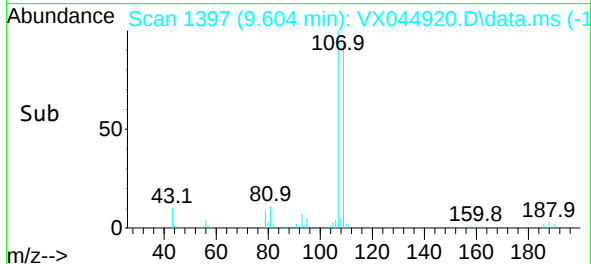
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 7275
Ion Ratio Lower Upper
107 100
109 92.7 75.9 113.9

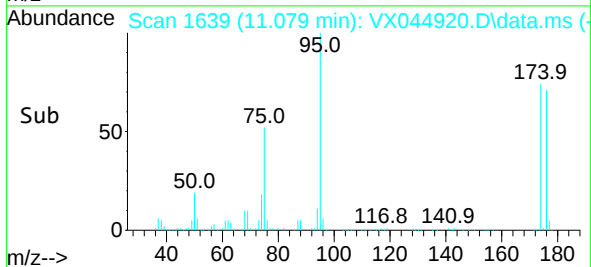
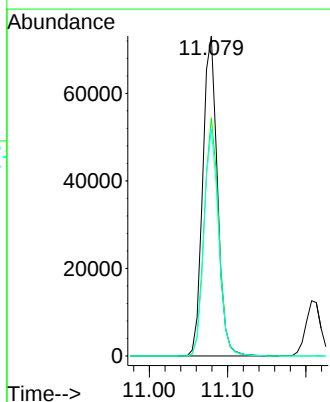
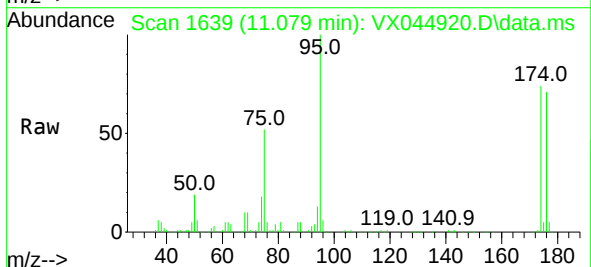
Manual Integrations
APPROVED

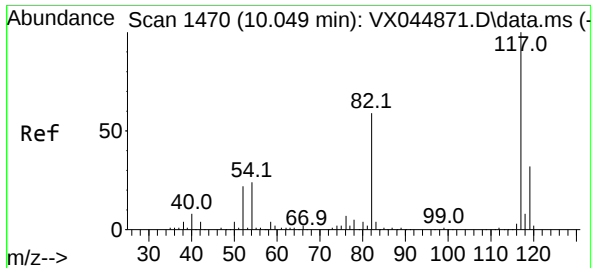
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#62
4-Bromofluorobenzene
Concen: 54.089 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

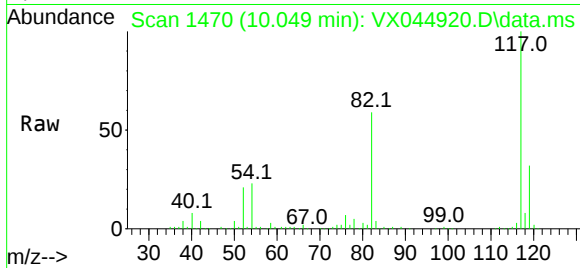
Tgt Ion: 95 Resp: 95016
Ion Ratio Lower Upper
95 100
174 74.6 0.0 142.6
176 70.7 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

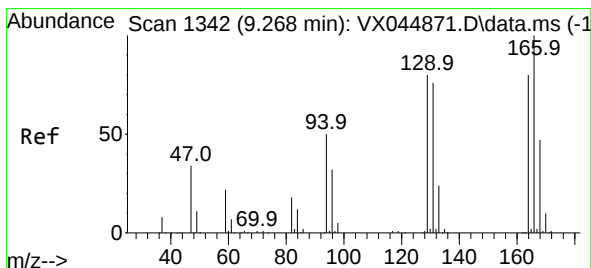
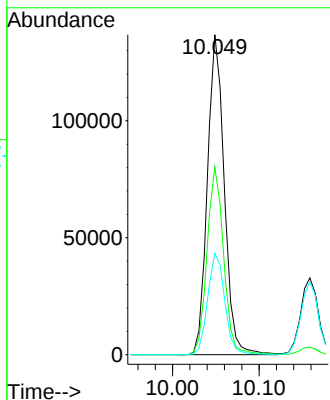
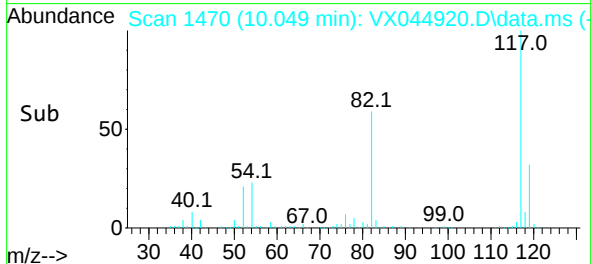
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 18516
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 31.6 25.4 38.0

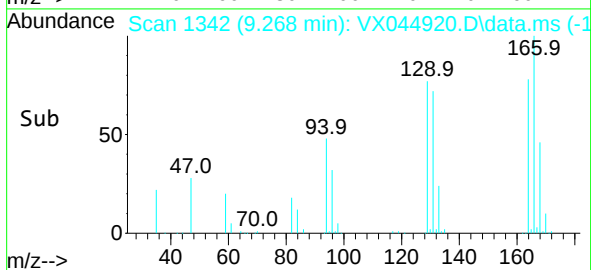
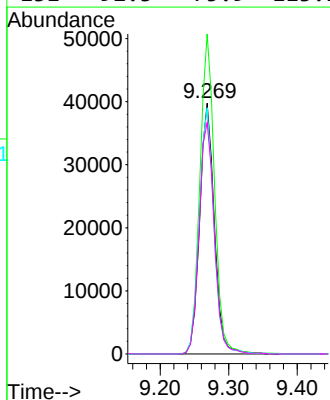
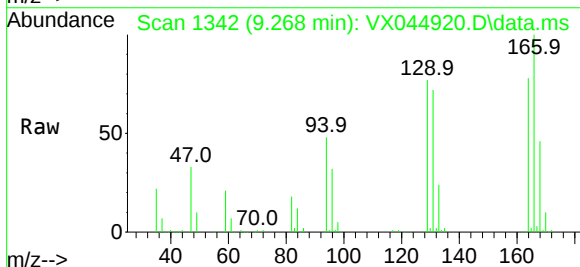
Manual Integrations
APPROVED

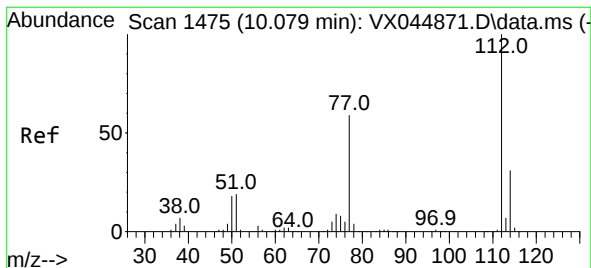
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#64
Tetrachloroethene
Concen: 50.651 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

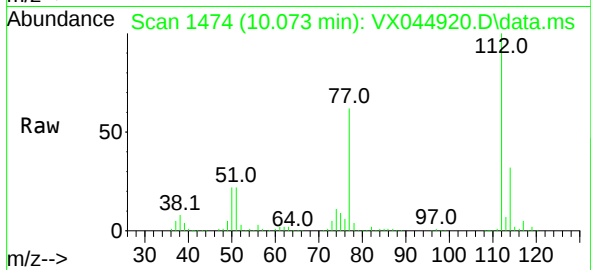
Tgt Ion:164 Resp: 59146
Ion Ratio Lower Upper
164 100
166 127.6 100.4 150.6
129 98.2 79.9 119.9
131 92.3 75.9 113.9





#65
Chlorobenzene
Concen: 50.505 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

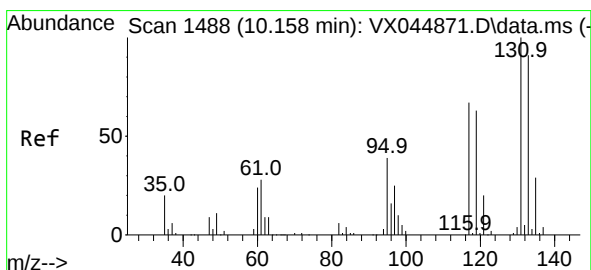
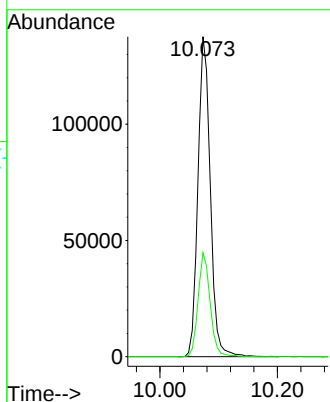
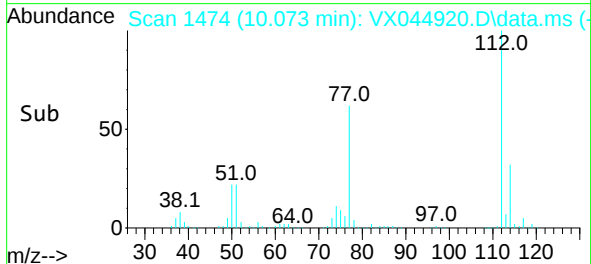
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



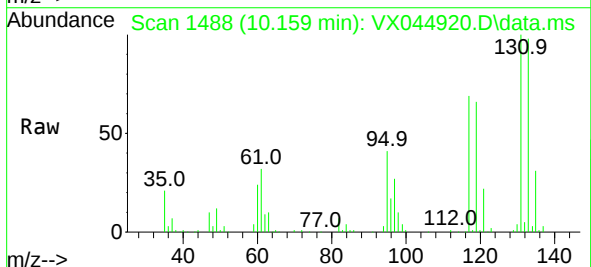
Tgt Ion:112 Resp: 200858
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6

Manual Integrations
APPROVED

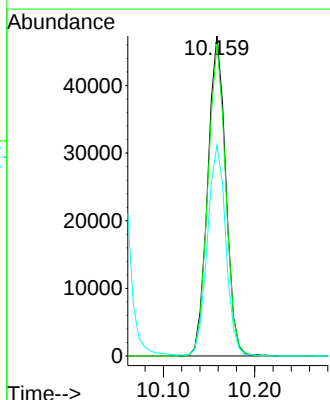
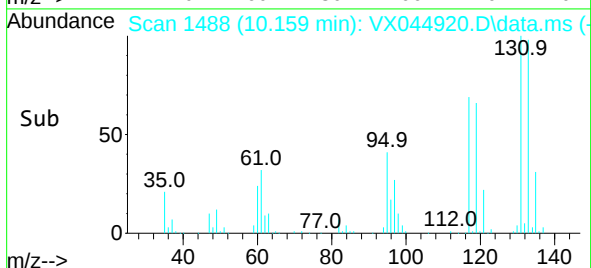
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

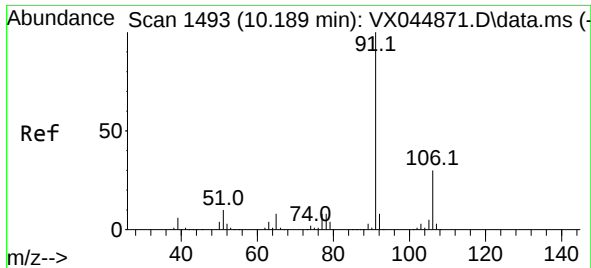


#66
1,1,1,2-Tetrachloroethane
Concen: 50.389 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



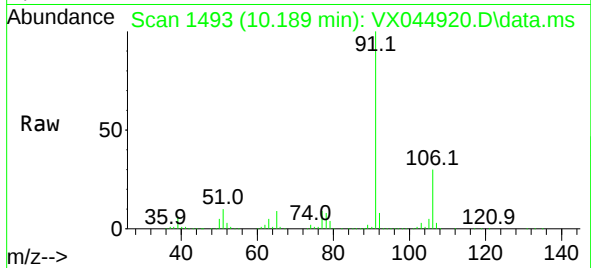
Tgt Ion:131 Resp: 64502
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 67.5 33.6 100.6





#67
Ethyl Benzene
Concen: 51.021 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

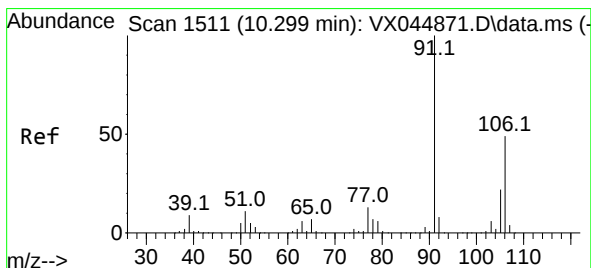
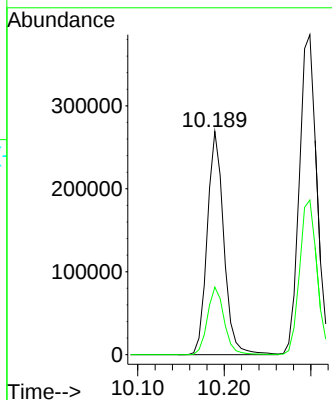
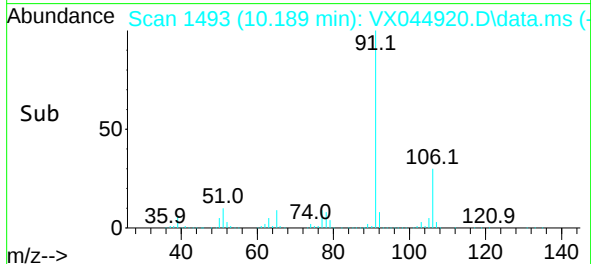
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



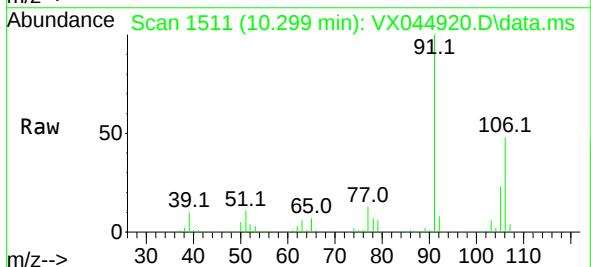
Tgt Ion: 91 Resp: 358072
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

Manual Integrations
APPROVED

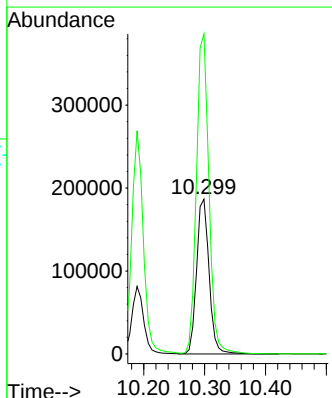
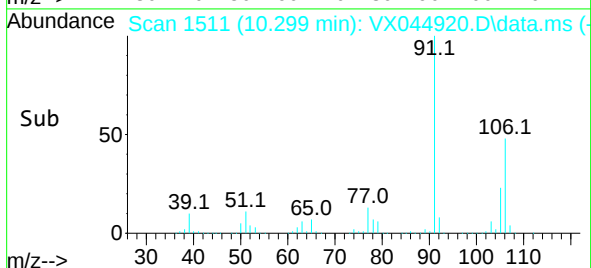
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

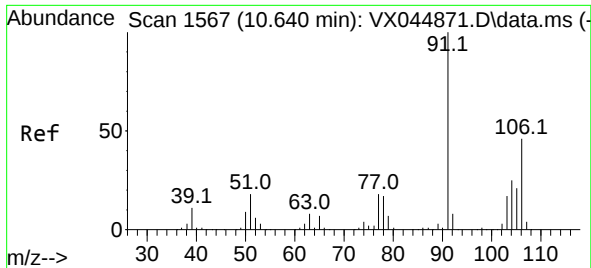


#68
m/p-Xylenes
Concen: 102.304 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



Tgt Ion:106 Resp: 264855
Ion Ratio Lower Upper
106 100
91 207.5 164.3 246.5





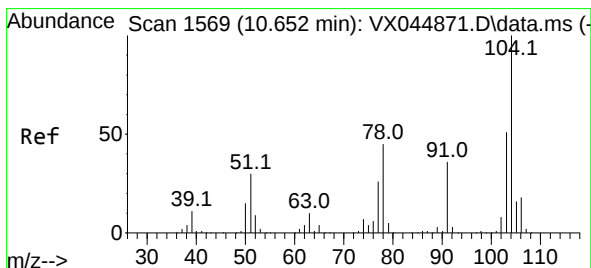
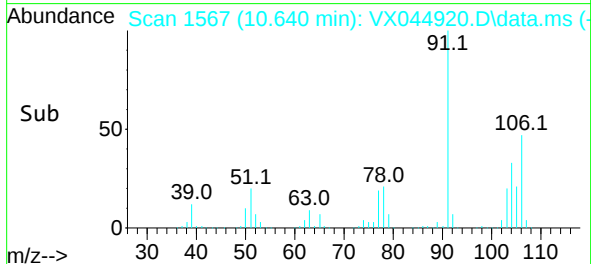
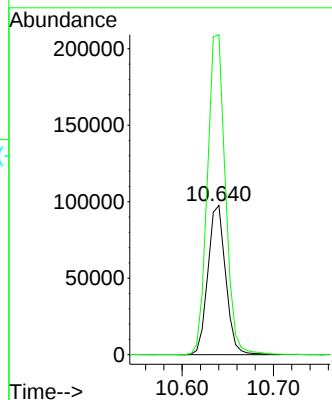
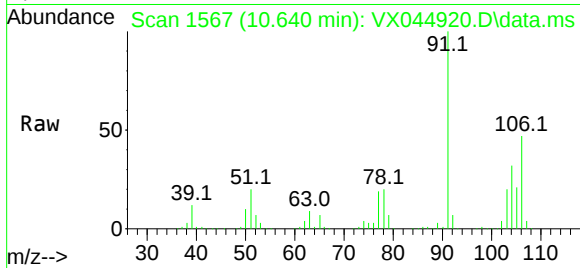
#69
o-Xylene
Concen: 50.681 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 13165
Ion Ratio Lower Upper
106 100
91 217.4 108.5 325.5

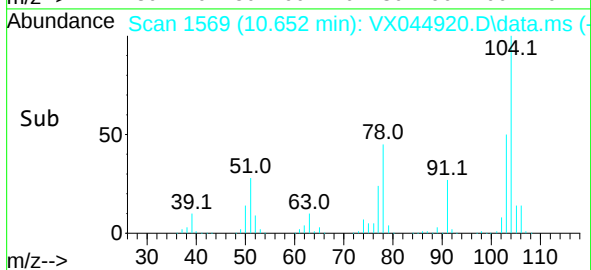
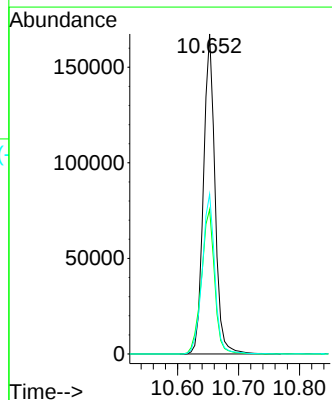
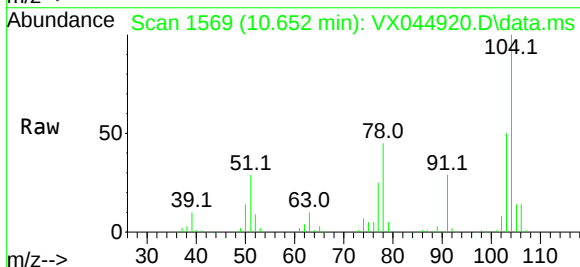
Manual Integrations
APPROVED

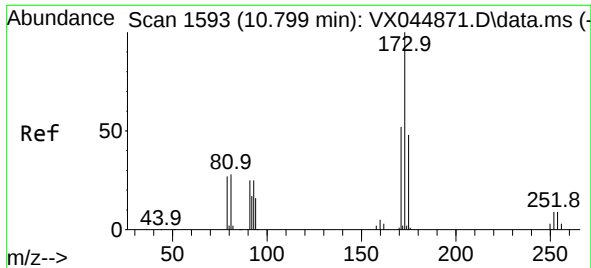
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#70
Styrene
Concen: 52.714 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

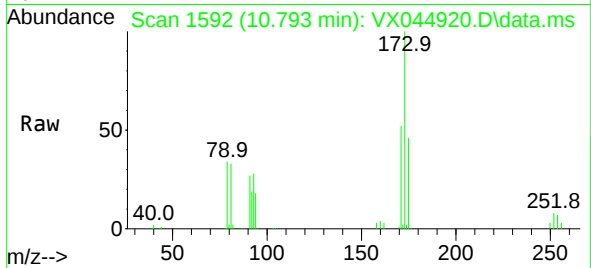
Tgt Ion:104 Resp: 220619
Ion Ratio Lower Upper
104 100
78 51.4 40.5 60.7
103 54.6 43.6 65.4





#71
Bromoform
Concen: 52.200 ug/l
RT: 10.793 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

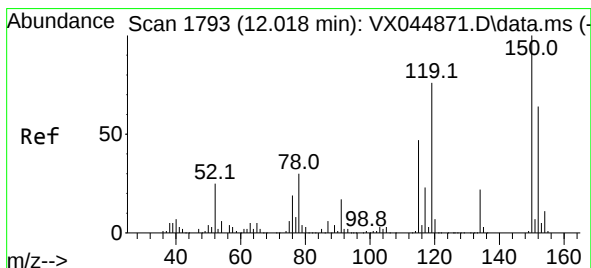
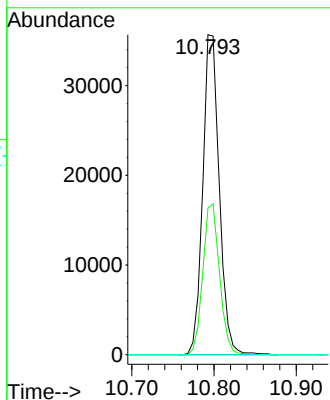
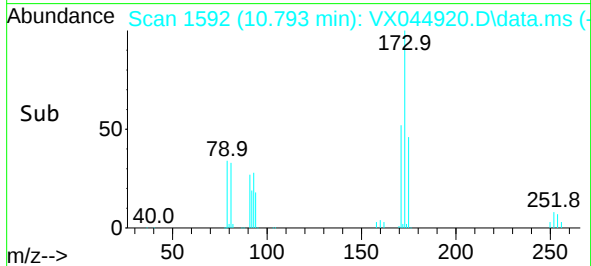
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4986
Ion Ratio Lower Upper
173 100
175 47.7 24.3 72.8
254 0.0 0.0 0.0

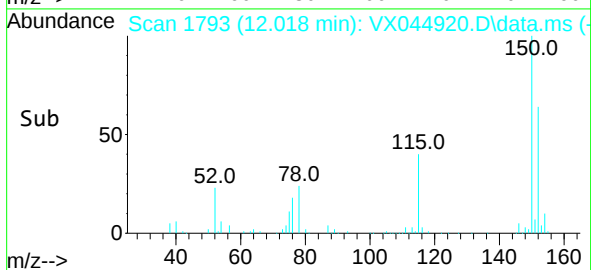
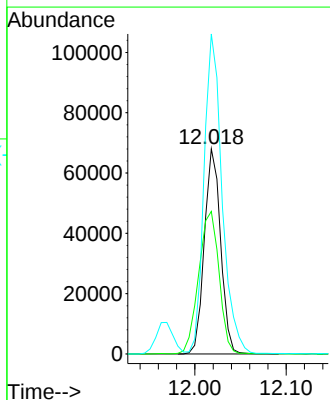
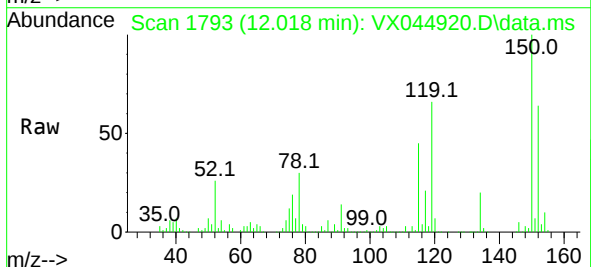
Manual Integrations
APPROVED

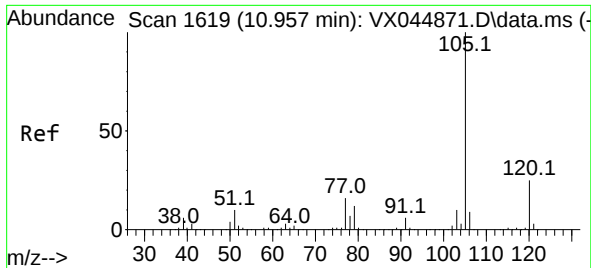
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Tgt Ion:152 Resp: 84033
Ion Ratio Lower Upper
152 100
115 87.6 43.4 130.1
150 173.5 0.0 350.4





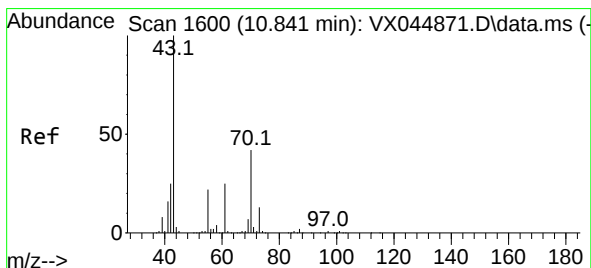
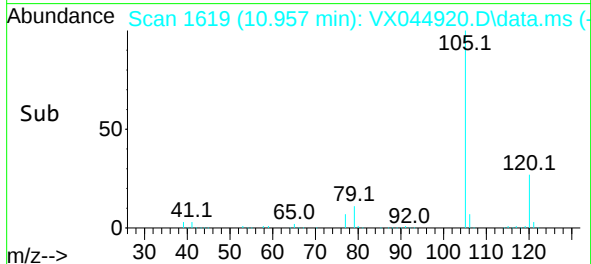
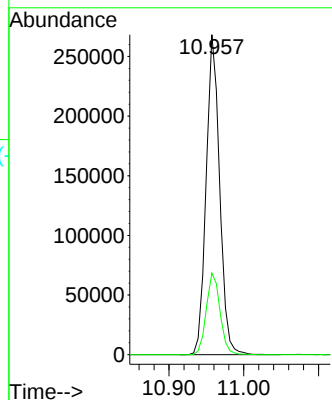
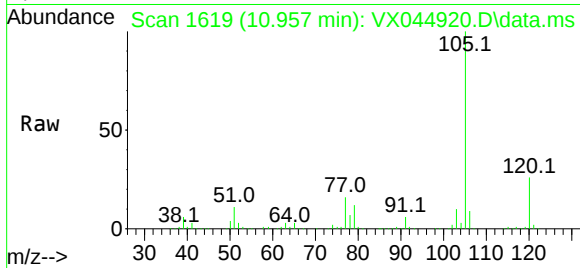
#73
Isopropylbenzene
Concen: 49.681 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 33615
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

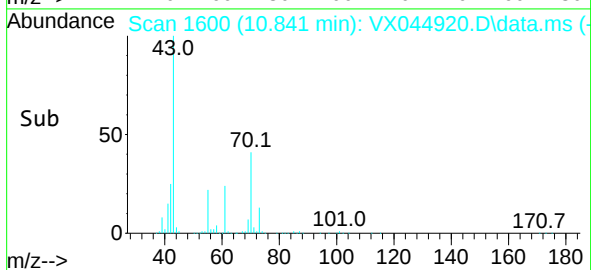
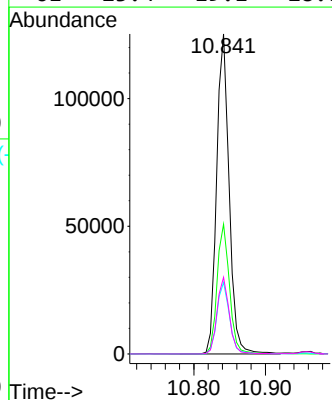
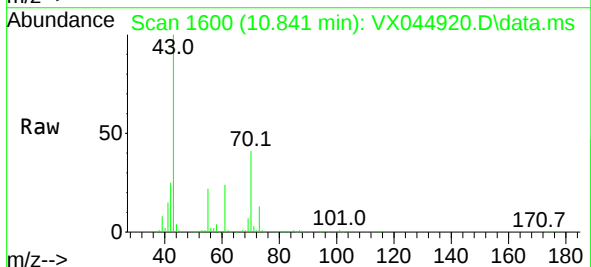
Manual Integrations
APPROVED

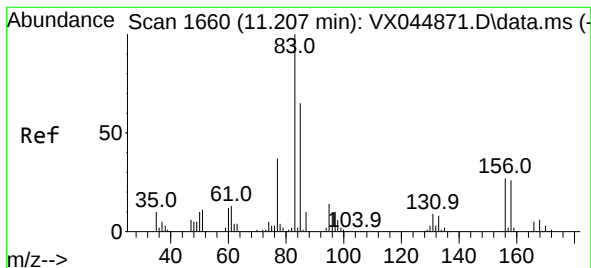
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#74
N-ethyl acetate
Concen: 49.552 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

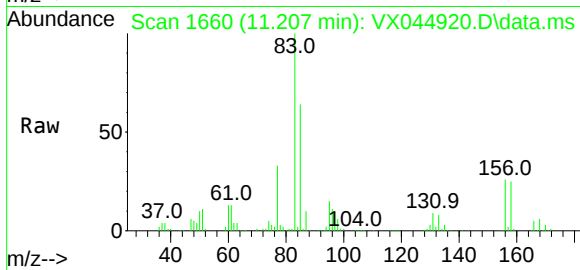
Tgt Ion: 43 Resp: 151720
Ion Ratio Lower Upper
43 100
70 40.3 33.7 50.5
55 22.5 18.6 27.8
61 23.4 19.1 28.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.588 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044920.D
 Acq: 12 Feb 2025 10:07

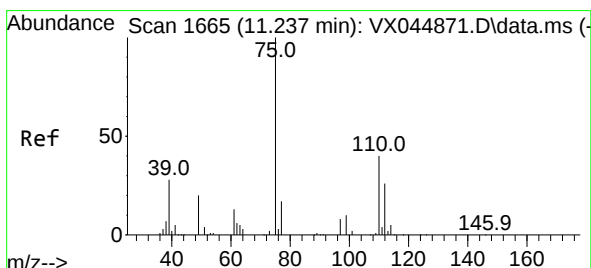
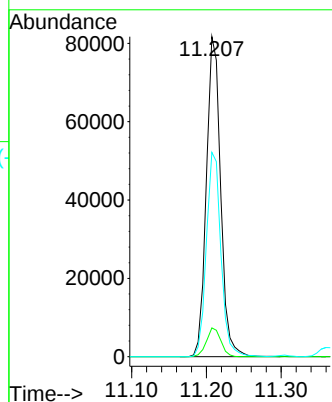
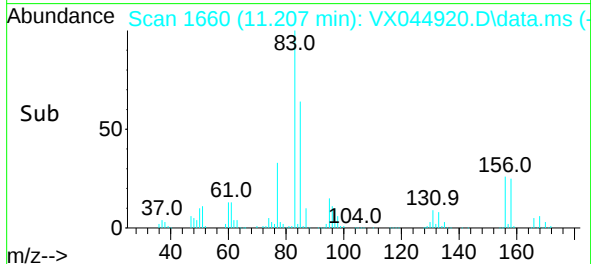
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



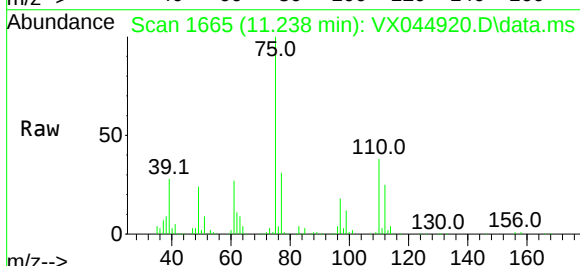
Tgt Ion: 83 Resp: 10832
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.5 13.5
 85 65.3 32.3 96.8

Manual Integrations
 APPROVED

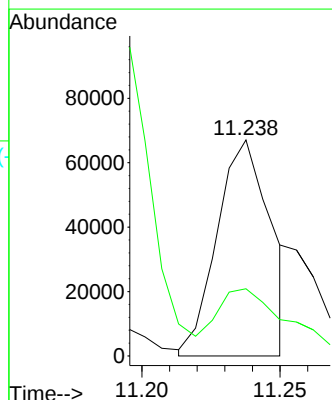
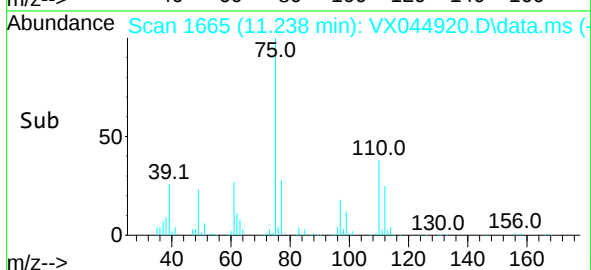
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

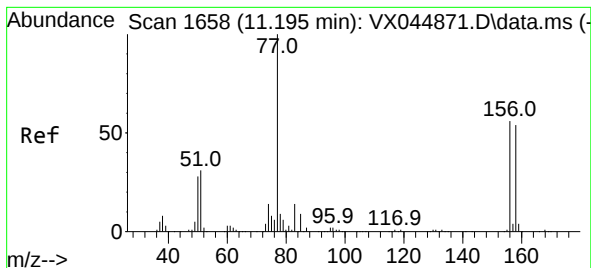


#76
 1,2,3-Trichloropropane
 Concen: 48.593 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044920.D
 Acq: 12 Feb 2025 10:07



Tgt Ion: 75 Resp: 90536
 Ion Ratio Lower Upper
 75 100
 77 41.7 21.9 65.7





#77

Bromobenzene

Concen: 49.976 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

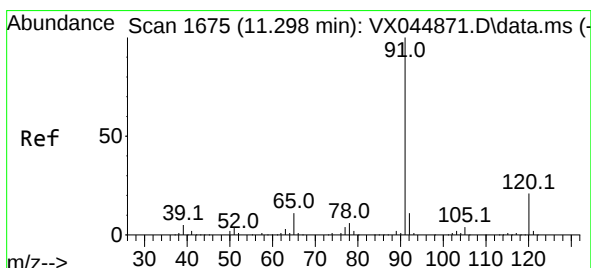
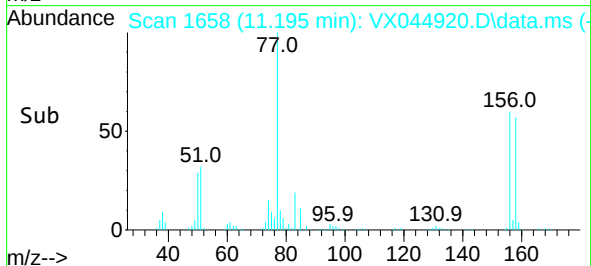
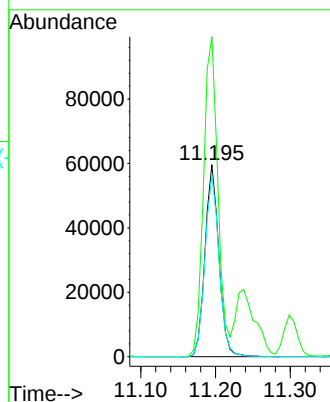
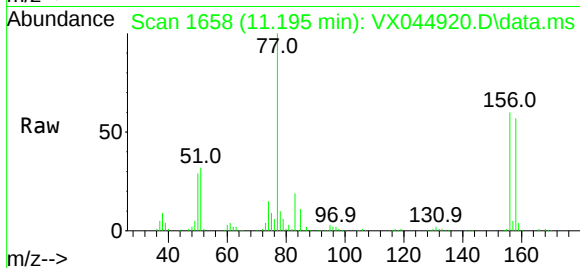
Tgt Ion:	156	Resp:	76664
Ion Ratio	Lower	Upper	
156	100		
77	172.4	88.4	265.3
158	96.3	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#78

n-propylbenzene

Concen: 50.880 ug/l

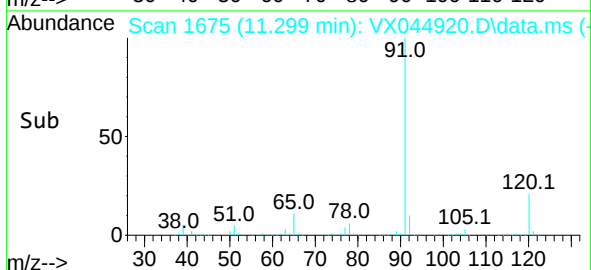
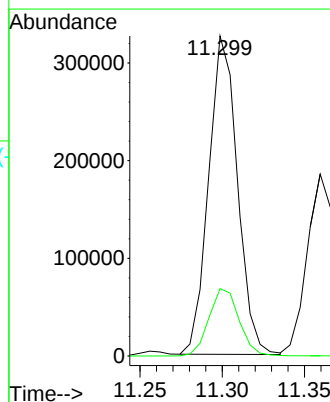
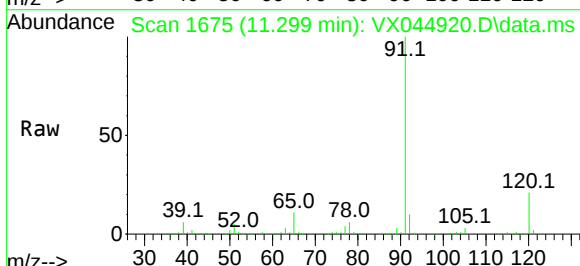
RT: 11.299 min Scan# 1675

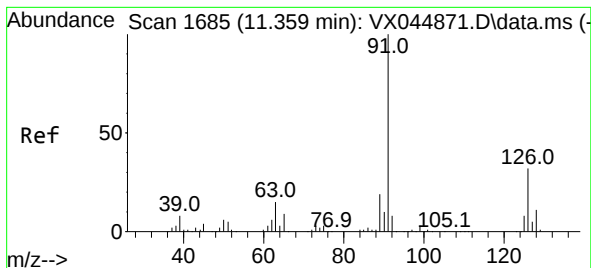
Delta R.T. 0.000 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

Tgt Ion:	91	Resp:	397362
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.1	33.3





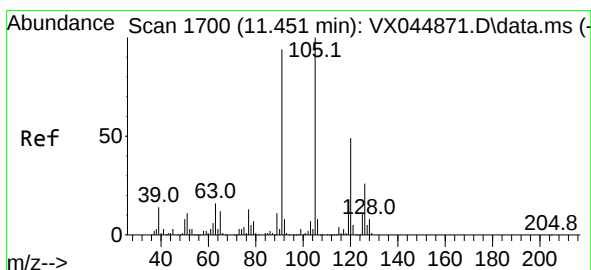
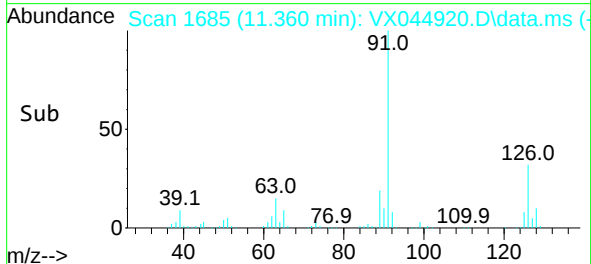
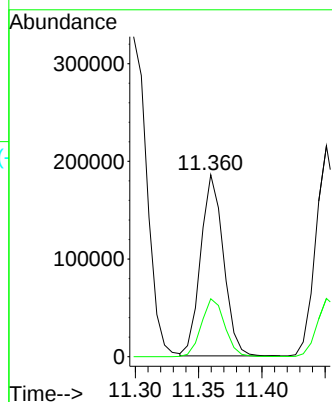
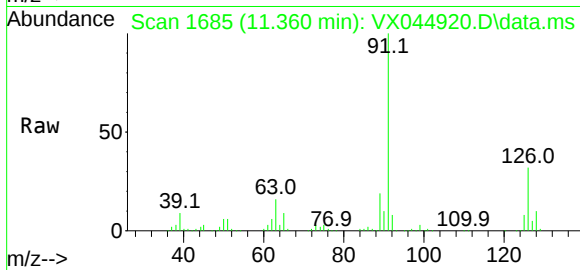
#79
2-Chlorotoluene
Concen: 48.568 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 23312
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

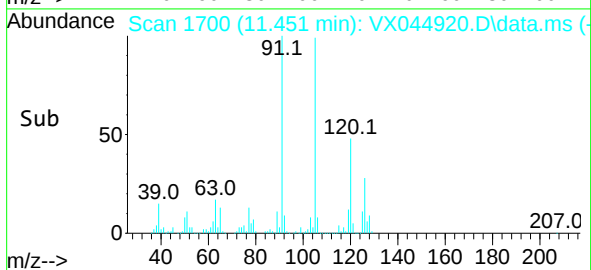
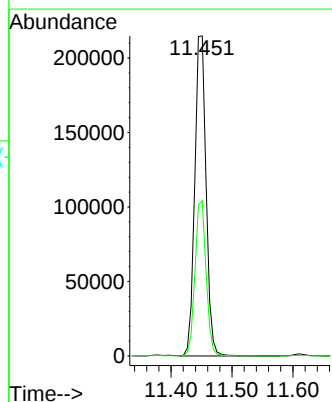
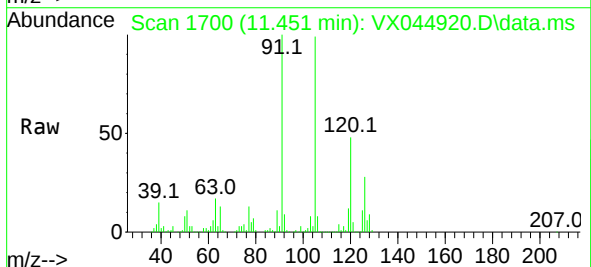
Manual Integrations
APPROVED

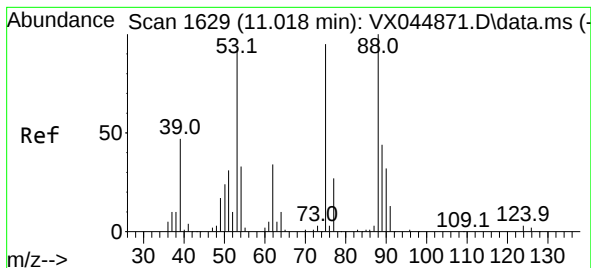
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.419 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Tgt Ion:105 Resp: 276841
Ion Ratio Lower Upper
105 100
120 47.8 24.0 72.0





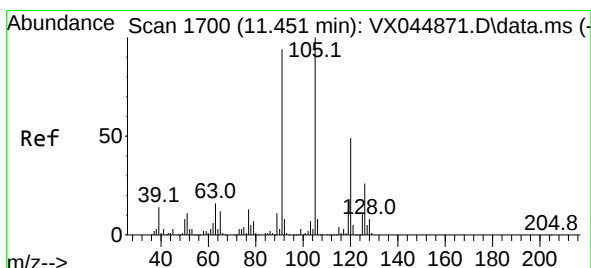
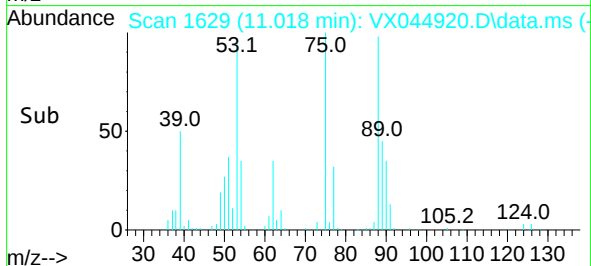
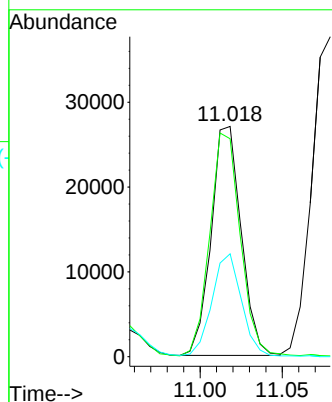
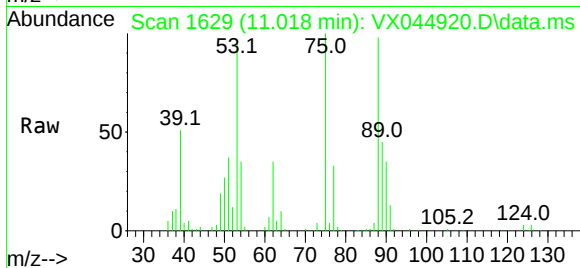
#81
trans-1,4-Dichloro-2-butene
Concen: 47.260 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 34230
Ion Ratio Lower Upper
75 100
53 99.5 78.0 117.0
89 44.8 36.6 54.8

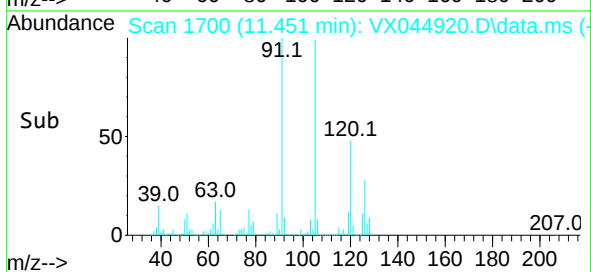
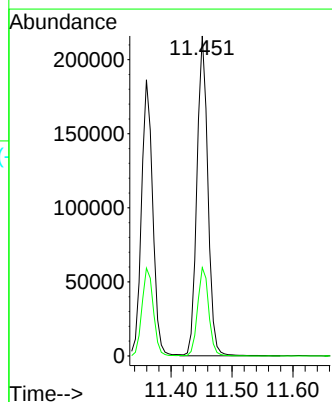
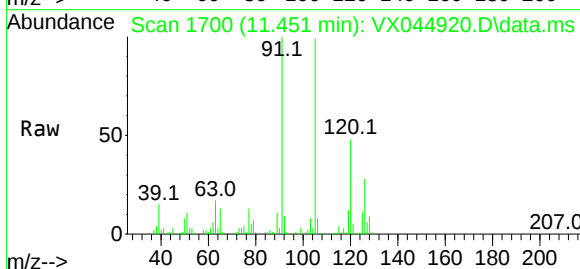
Manual Integrations
APPROVED

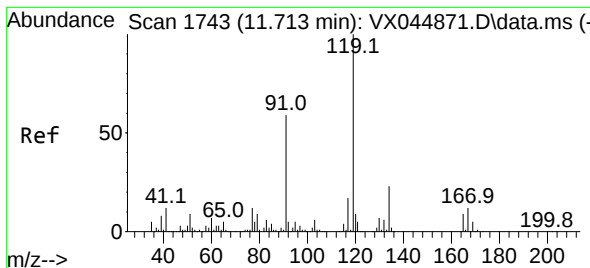
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#82
4-Chlorotoluene
Concen: 50.585 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

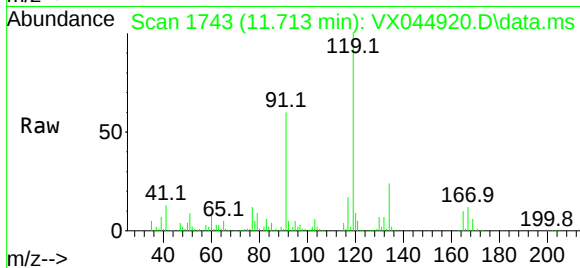
Tgt Ion: 91 Resp: 268620
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.664 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

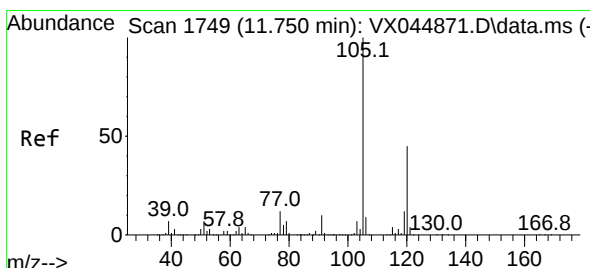
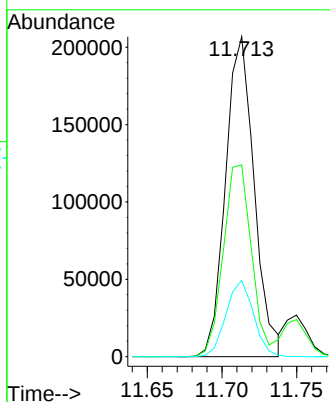
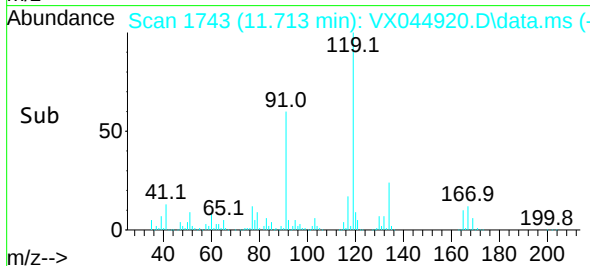
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



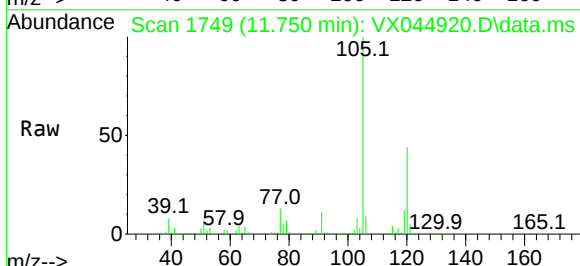
Tgt Ion:119 Resp: 275860
Ion Ratio Lower Upper
119 100
91 58.7 29.1 87.4
134 22.8 11.5 34.5

Manual Integrations
APPROVED

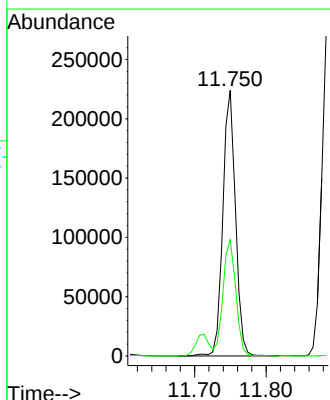
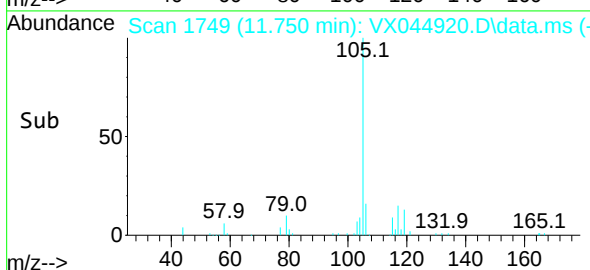
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

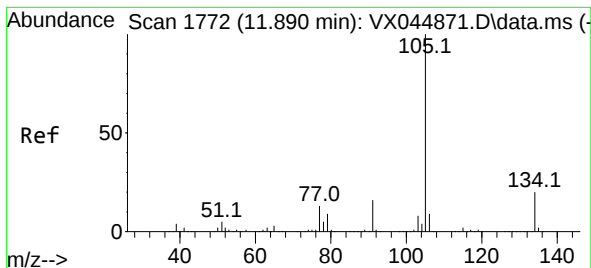


#84
1,2,4-Trimethylbenzene
Concen: 50.841 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



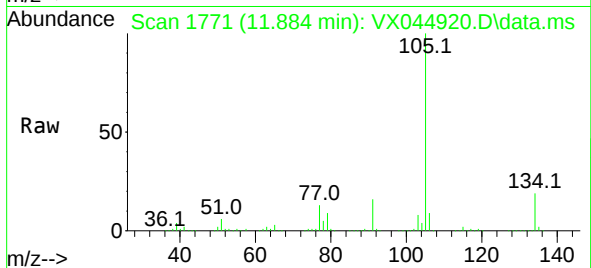
Tgt Ion:105 Resp: 275526
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 51.270 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX044920.D
 Acq: 12 Feb 2025 10:07

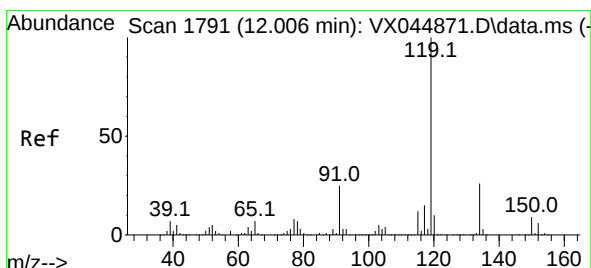
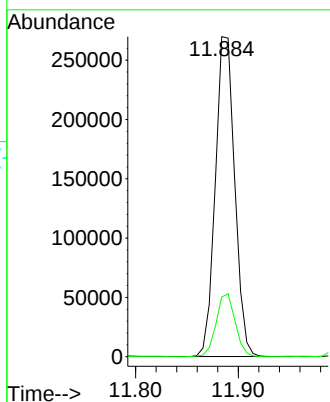
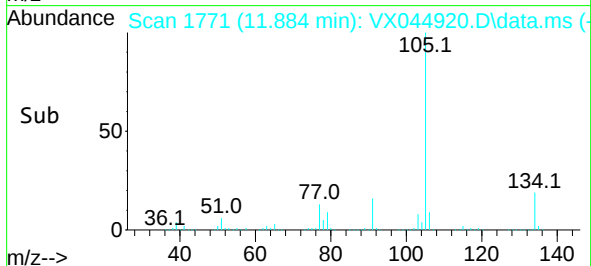
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



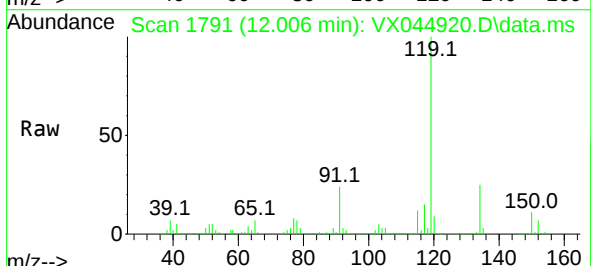
Tgt Ion:105 Resp: 35265
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

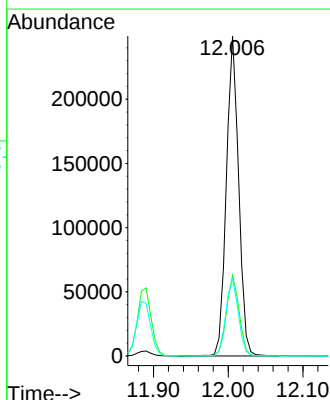
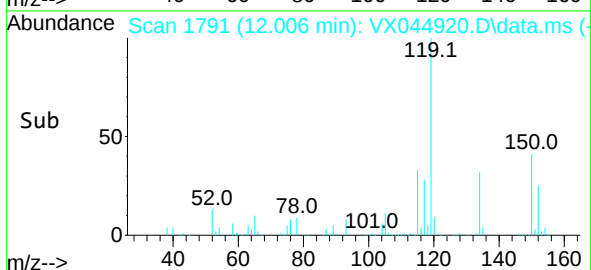
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

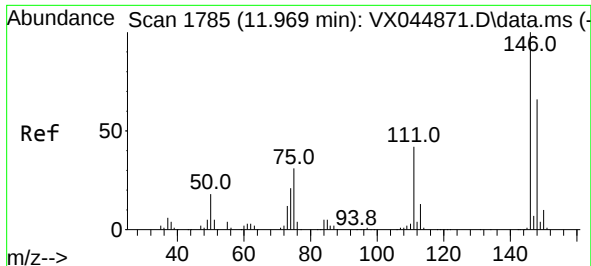


#86
 p-Isopropyltoluene
 Concen: 51.626 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044920.D
 Acq: 12 Feb 2025 10:07



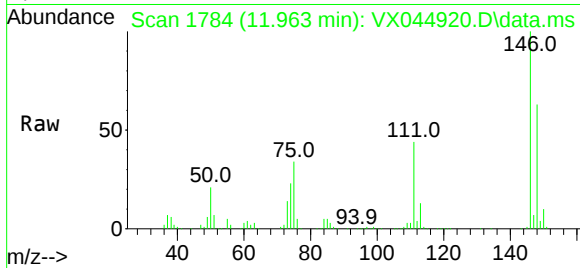
Tgt Ion:119 Resp: 285566
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 24.8 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 49.394 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

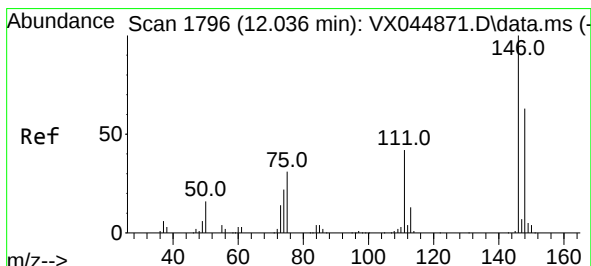
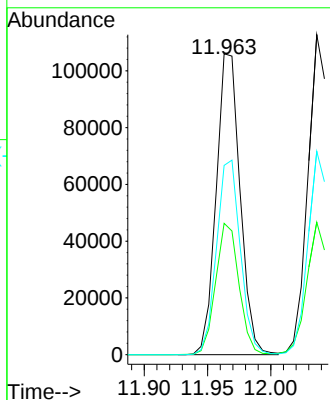
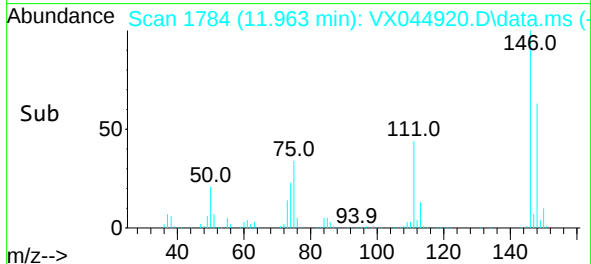
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



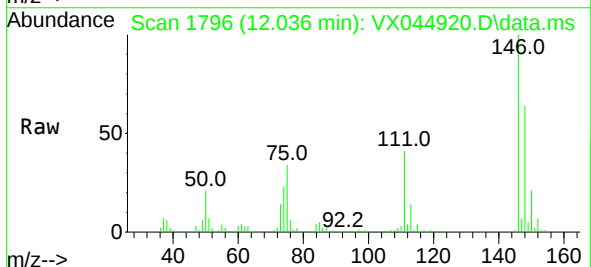
Tgt Ion:146 Resp: 139339
Ion Ratio Lower Upper
146 100
111 42.5 21.2 63.6
148 64.4 32.5 97.5

Manual Integrations
APPROVED

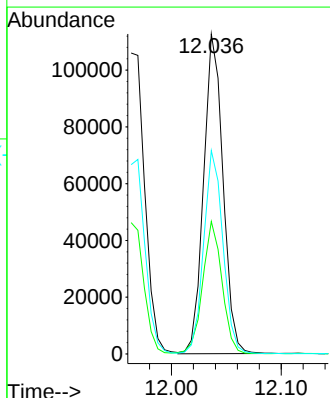
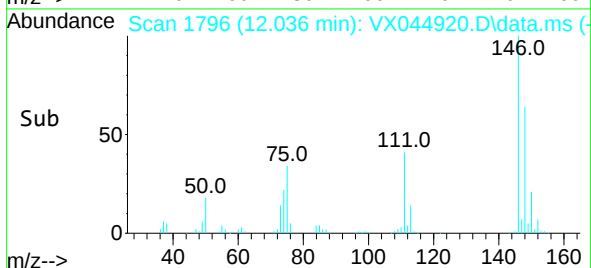
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

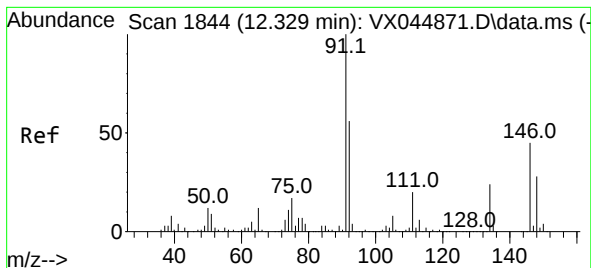


#88
1,4-Dichlorobenzene
Concen: 48.539 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



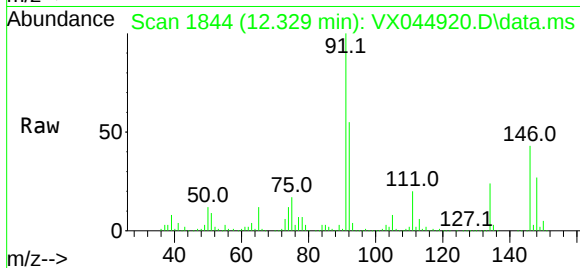
Tgt Ion:146 Resp: 138443
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 63.3 32.0 96.0





#89
n-Butylbenzene
Concen: 53.945 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

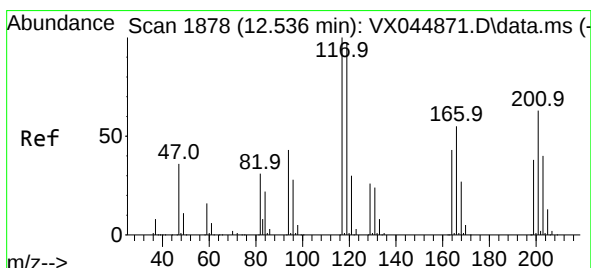
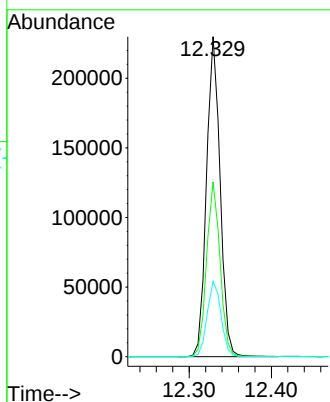
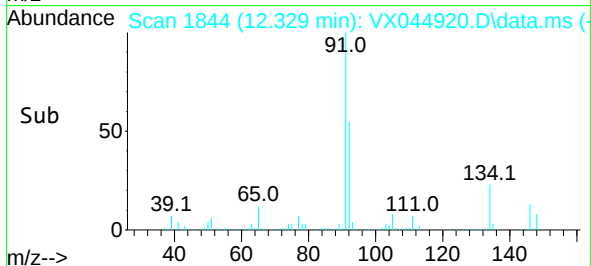
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 26398
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 24.1 12.1 36.3

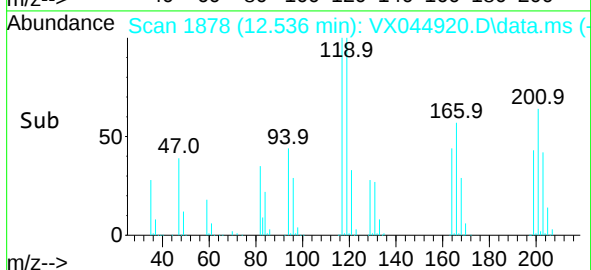
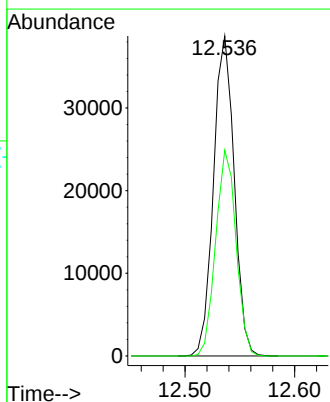
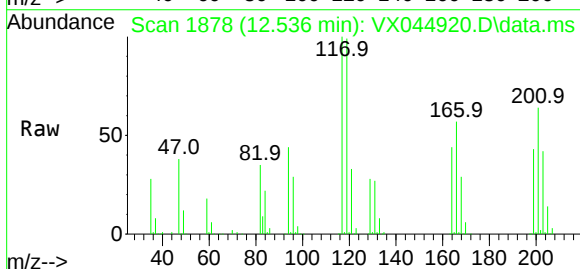
Manual Integrations
APPROVED

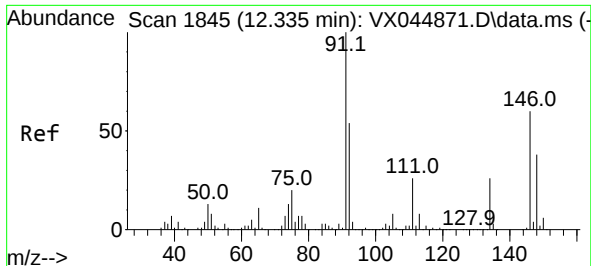
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#90
Hexachloroethane
Concen: 49.010 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

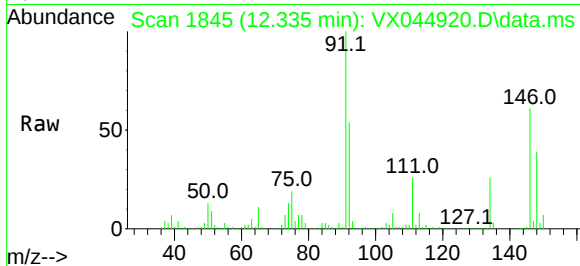
Tgt Ion:117 Resp: 50761
Ion Ratio Lower Upper
117 100
201 63.5 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 48.817 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

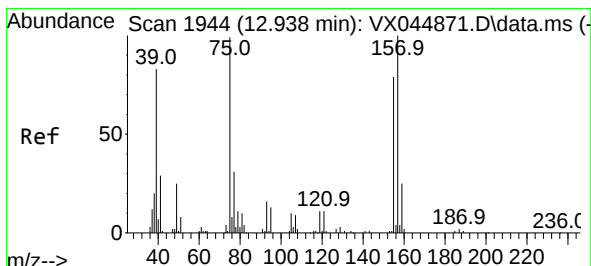
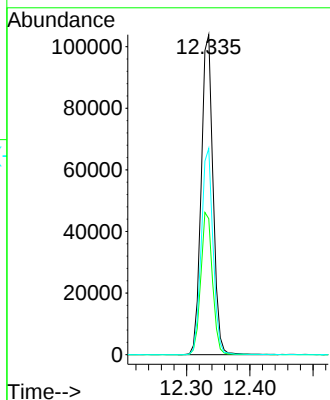
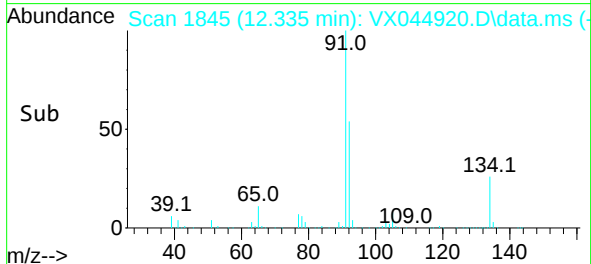
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



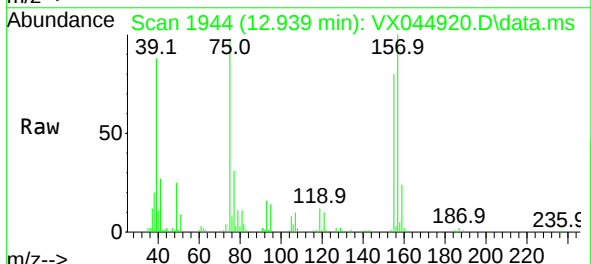
Tgt Ion:146 Resp: 13534
Ion Ratio Lower Upper
146 100
111 43.9 21.8 65.4
148 64.0 31.9 95.9

Manual Integrations
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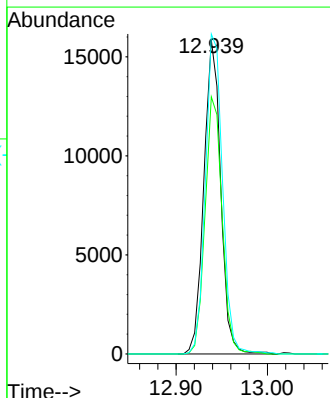
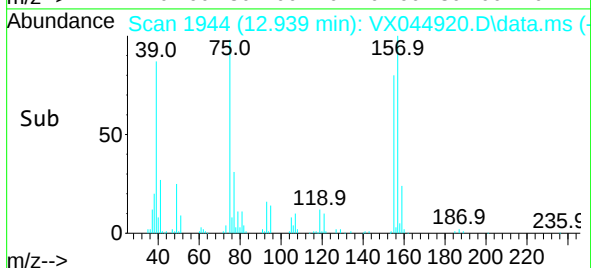
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

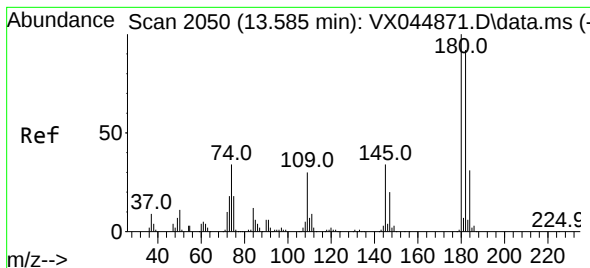


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.833 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



Tgt Ion: 75 Resp: 20298
Ion Ratio Lower Upper
75 100
155 82.9 40.5 121.4
157 103.9 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 50.856 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

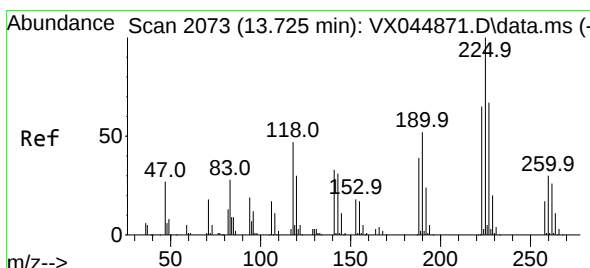
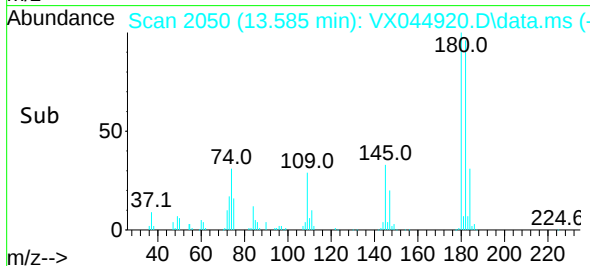
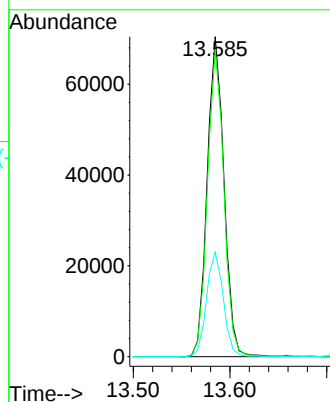
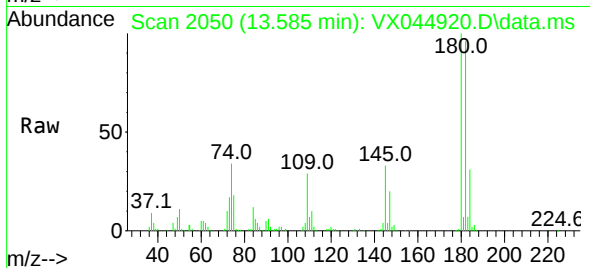
Tgt Ion:180	Resp:	85318
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.6 142.8
145	32.7	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#94

Hexachlorobutadiene

Concen: 51.753 ug/l

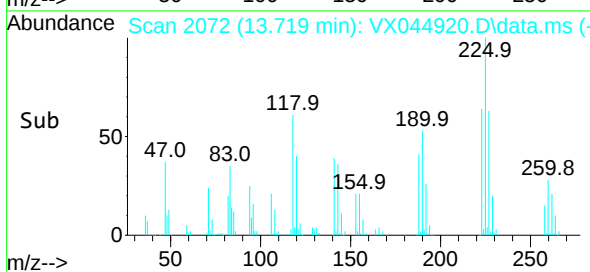
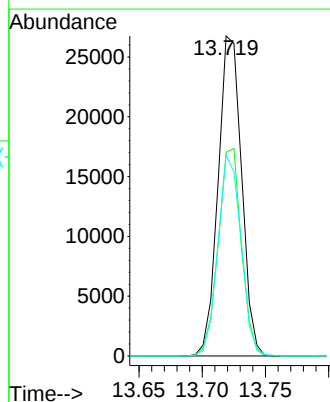
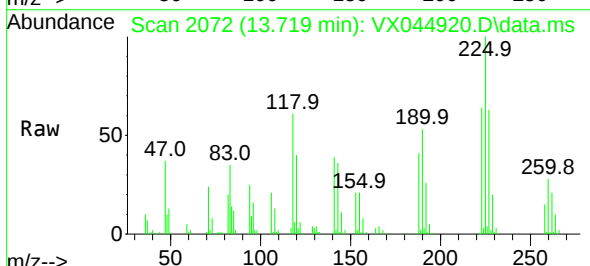
RT: 13.719 min Scan# 2072

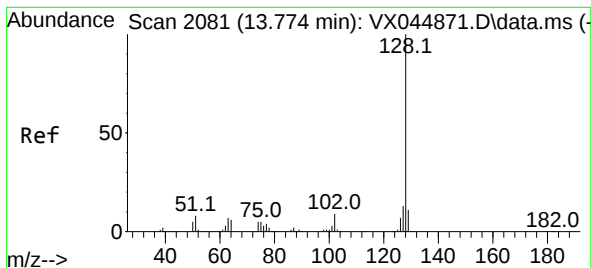
Delta R.T. -0.006 min

Lab File: VX044920.D

Acq: 12 Feb 2025 10:07

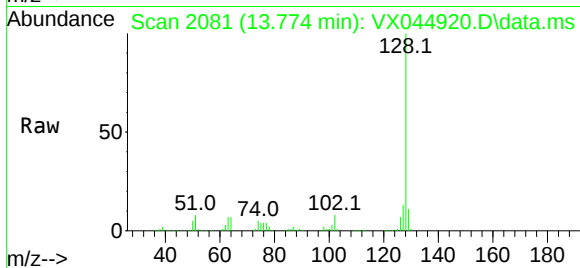
Tgt Ion:225	Resp:	34467
Ion Ratio	Lower	Upper
225	100	
223	63.9	31.4 94.2
227	61.9	32.3 96.8





#95
Naphthalene
Concen: 49.423 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07

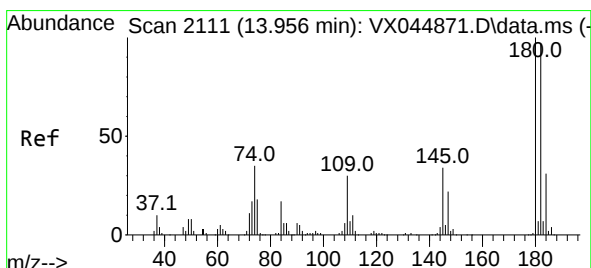
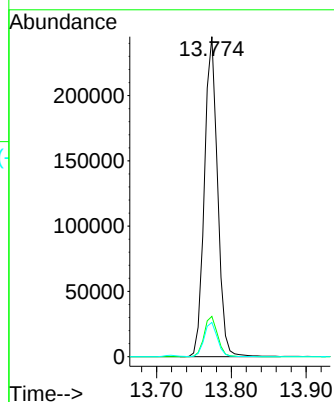
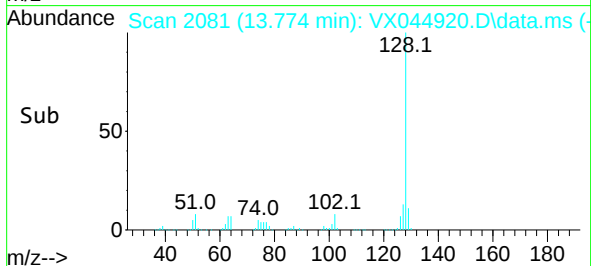
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



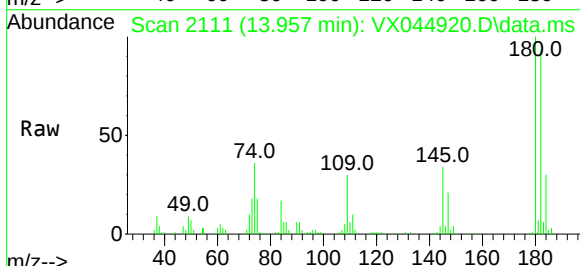
Tgt Ion:128 Resp: 299724
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.809 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044920.D
Acq: 12 Feb 2025 10:07



Tgt Ion:180 Resp: 85892
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.6
145 33.9 17.1 51.3

