

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044918.D
 Acq On : 11 Feb 2025 19:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2025
 Supervised By : Mahesh Dadoda 02/12/2025

Quant Time: Feb 12 02:47:38 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	114065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	185334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87095	52.162	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.320%			
35) Dibromofluoromethane	5.379	113	69917	51.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.040%			
50) Toluene-d8	8.647	98	262476	51.148	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.300%			
62) 4-Bromofluorobenzene	11.079	95	90574	52.355	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79061	49.419	ug/l	99
3) Chloromethane	1.301	50	92827	47.674	ug/l	96
4) Vinyl Chloride	1.374	62	92352	48.959	ug/l	100
5) Bromomethane	1.593	94	28374	50.267	ug/l	95
6) Chloroethane	1.660	64	30841	40.693	ug/l	100
7) Trichlorofluoromethane	1.868	101	116867	48.991	ug/l	100
8) Diethyl Ether	2.136	74	42851	49.531	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	70557	48.954	ug/l	99
10) Methyl Iodide	2.441	142	95185	50.957	ug/l	100
11) Tert butyl alcohol	2.995	59	77516	250.247	ug/l #	84
12) 1,1-Dichloroethene	2.307	96	71063	48.335	ug/l	95
13) Acrolein	2.233	56	84172	263.373	ug/l	99
14) Allyl chloride	2.654	41	125975	47.412	ug/l	98
15) Acrylonitrile	3.062	53	210792	254.873	ug/l	98
16) Acetone	2.386	43	173889	259.058	ug/l	99
17) Carbon Disulfide	2.502	76	184565	45.780	ug/l	100
18) Methyl Acetate	2.703	43	109515	51.703	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	231822	49.559	ug/l	100
20) Methylene Chloride	2.782	84	80471	48.945	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	71823	49.636	ug/l	99
22) Diisopropyl ether	3.757	45	255564	50.840	ug/l	96
23) Vinyl Acetate	3.715	43	1043434	254.613	ug/l	100
24) 1,1-Dichloroethane	3.605	63	139303	49.527	ug/l	99
25) 2-Butanone	4.556	43	285853	262.259	ug/l	97
26) 2,2-Dichloropropane	4.471	77	91644	41.086	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	85866	49.402	ug/l	98
28) Bromochloromethane	4.885	49	60252	44.575	ug/l	98
29) Tetrahydrofuran	5.001	42	188839	260.913	ug/l	99
30) Chloroform	5.087	83	135857	49.806	ug/l	97
31) Cyclohexane	5.464	56	122435	47.217	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	113617	49.107	ug/l	99
36) 1,1-Dichloropropene	5.684	75	91970	46.974	ug/l	98
37) Ethyl Acetate	4.709	43	110417	50.702	ug/l	100
38) Carbon Tetrachloride	5.666	117	90581	47.211	ug/l	98
39) Methylcyclohexane	7.373	83	123769	48.896	ug/l	97
40) Benzene	6.031	78	303089	49.575	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	62585	53.690	ug/l	99
42) 1,2-Dichloroethane	6.080	62	99909	51.275	ug/l	100
43) Isopropyl Acetate	6.336	43	177546	50.486	ug/l	99
44) Trichloroethene	7.123	130	68162	48.777	ug/l	98
45) 1,2-Dichloropropane	7.428	63	75229	49.460	ug/l	99
46) Dibromomethane	7.574	93	53323	50.552	ug/l	99
47) Bromodichloromethane	7.818	83	103091	50.475	ug/l	97
48) Methyl methacrylate	7.690	41	86162	51.962	ug/l	99
49) 1,4-Dioxane	7.665	88	37602	1056.949	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	561087	262.440	ug/l	99
52) Toluene	8.714	92	182775	50.199	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	99925	48.347	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	113036	49.051	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	70192	50.149	ug/l	98
56) Ethyl methacrylate	9.116	69	115029	50.884	ug/l	98
57) 1,3-Dichloropropane	9.305	76	123396	50.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	291354	262.486	ug/l	99
59) 2-Hexanone	9.427	43	413528	268.451	ug/l	98
60) Dibromochloromethane	9.519	129	74939	50.063	ug/l	98
61) 1,2-Dibromoethane	9.604	107	72417	51.047	ug/l	98
64) Tetrachloroethene	9.269	164	54627	46.738	ug/l	95
65) Chlorobenzene	10.079	112	191785	48.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	61604	48.081	ug/l	100
67) Ethyl Benzene	10.189	91	346217	49.286	ug/l	99
68) m/p-Xylenes	10.299	106	253750	97.924	ug/l	97
69) o-Xylene	10.640	106	126016	48.465	ug/l	98
70) Styrene	10.653	104	211083	50.389	ug/l	99
71) Bromoform	10.799	173	46897	49.045	ug/l #	100
73) Isopropylbenzene	10.957	105	325195	49.916	ug/l	100
74) N-amyl acetate	10.842	43	151270	51.312	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	109803	49.048	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89430m	49.852	ug/l	
77) Bromobenzene	11.195	156	73059	49.464	ug/l	99
78) n-propylbenzene	11.299	91	379500	50.468	ug/l	100
79) 2-Chlorotoluene	11.360	91	223727	48.410	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	267127	50.528	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31501	45.171	ug/l	96
82) 4-Chlorotoluene	11.451	91	257507	50.364	ug/l	100
83) tert-Butylbenzene	11.713	119	265793	49.697	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	266991	51.168	ug/l	100
85) sec-Butylbenzene	11.890	105	334004	50.433	ug/l	100
86) p-Isopropyltoluene	12.006	119	269485	50.599	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	132254	48.692	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	131837	48.007	ug/l	99
89) n-Butylbenzene	12.329	91	242069	51.376	ug/l	99
90) Hexachloroethane	12.536	117	47525	47.657	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	133599	50.047	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20660	50.565	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	79706	49.345	ug/l	99
94) Hexachlorobutadiene	13.725	225	30093	46.929	ug/l	99
95) Naphthalene	13.774	128	299256	51.251	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80826	49.658	ug/l	98

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

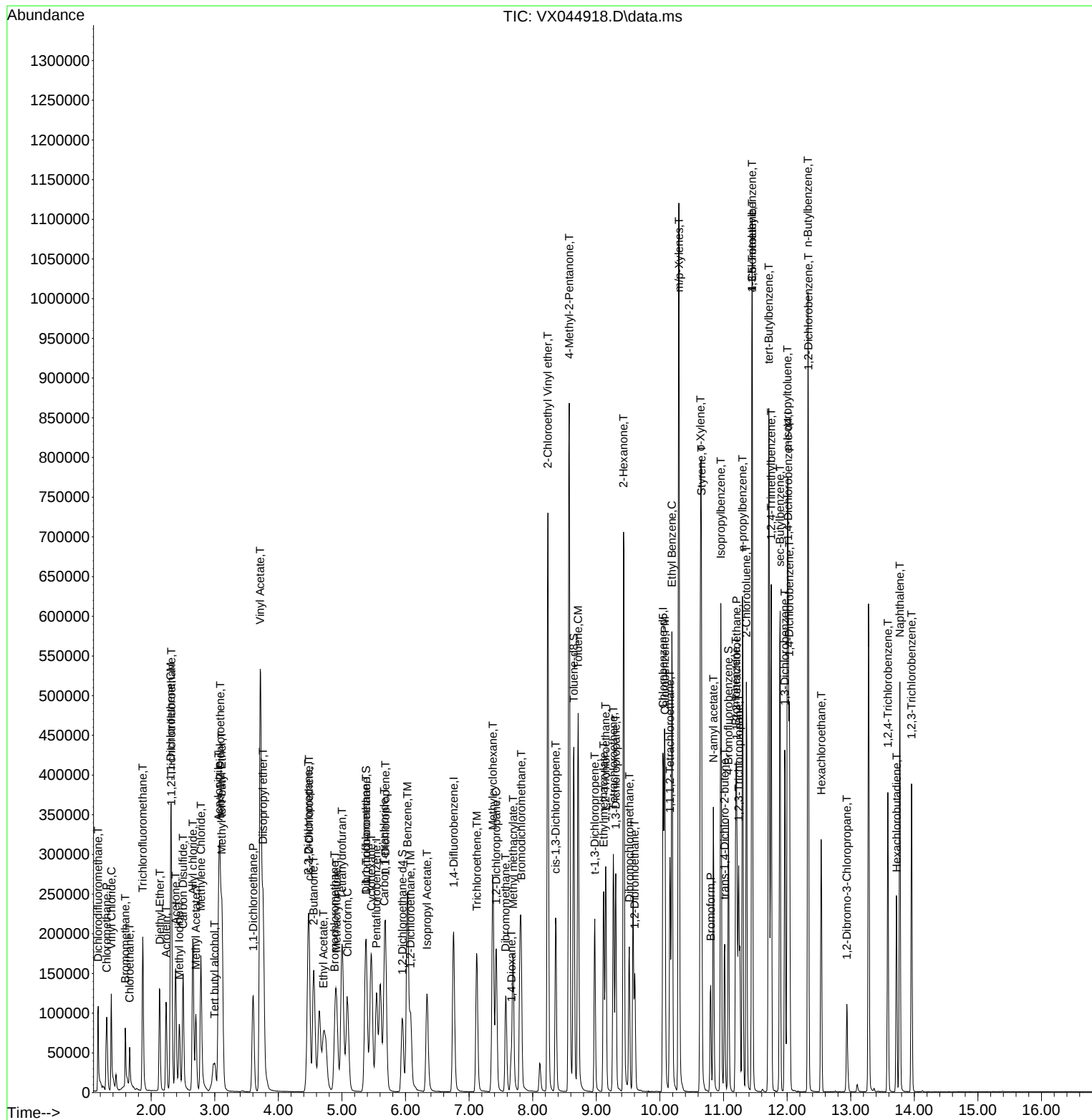
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Manual Integrations APPROVED

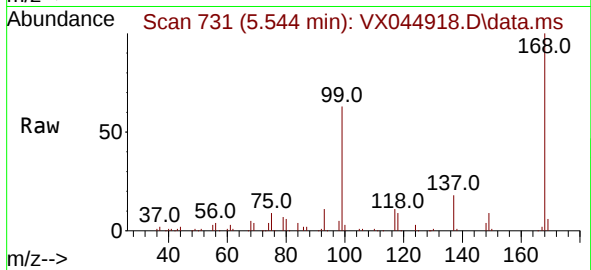
Reviewed By :John Carlone 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

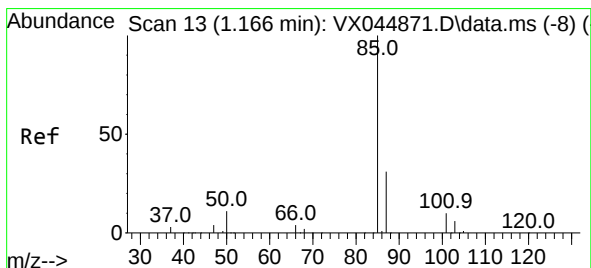
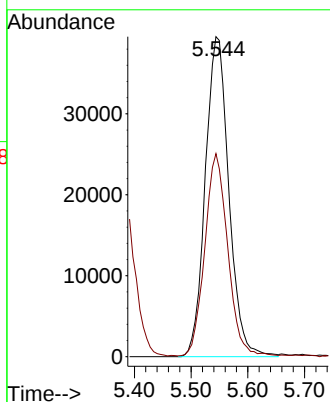
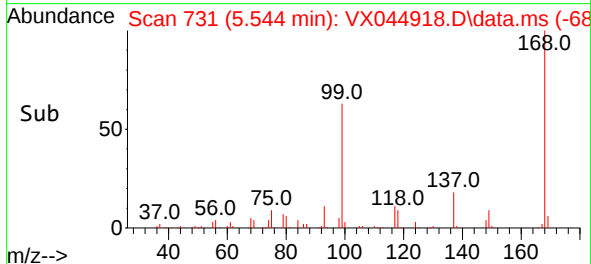
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



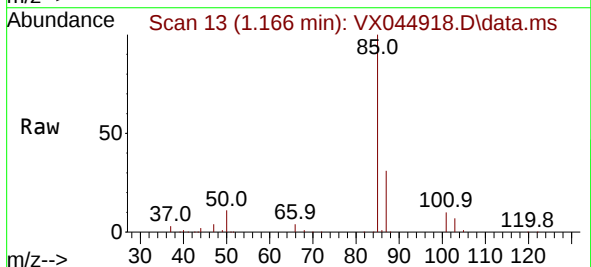
Tgt Ion:168 Resp: 11406
Ion Ratio Lower Upper
168 100
99 63.2 51.2 76.8

Manual Integrations
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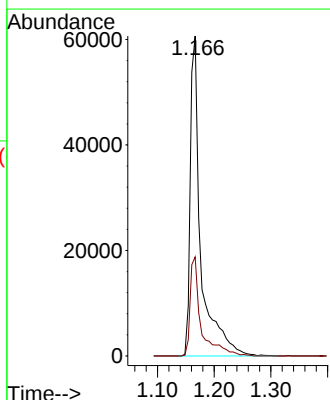
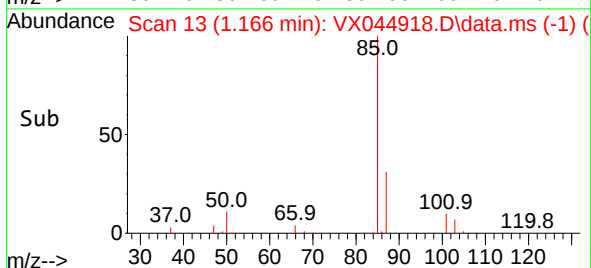
Reviewed By :John Carlone 02/12/2025
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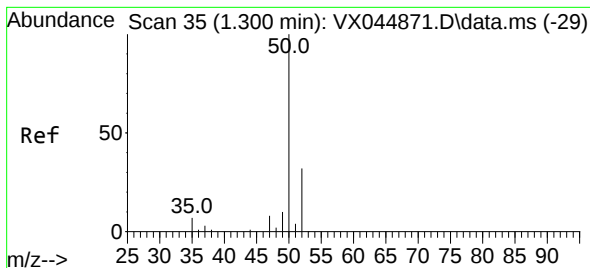


#2
Dichlorodifluoromethane
Concen: 49.419 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



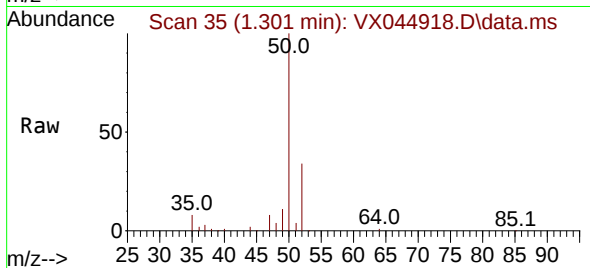
Tgt Ion: 85 Resp: 79061
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.3





#3
Chloromethane
Concen: 47.674 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

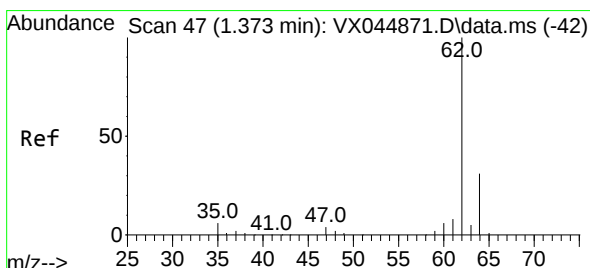
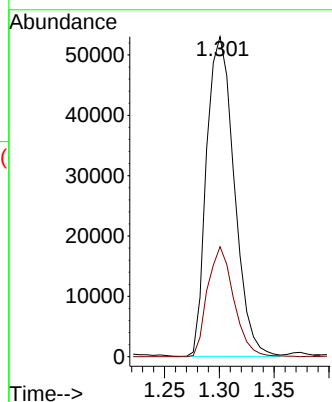
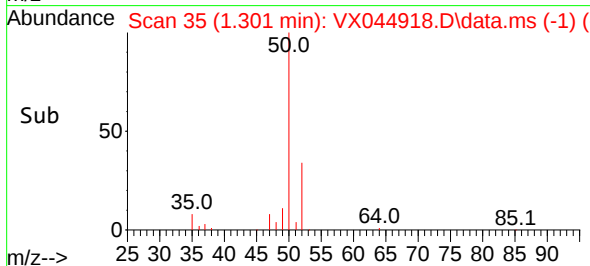
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



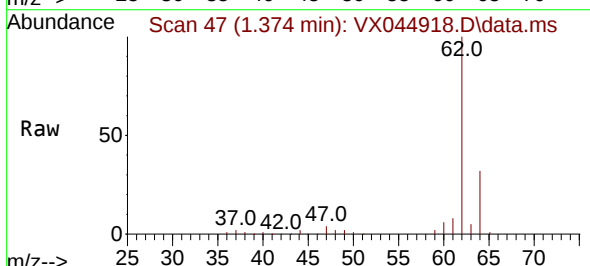
Tgt Ion: 50 Resp: 9282
Ion Ratio Lower Upper
50 100
52 34.4 25.9 38.9

Manual Integrations
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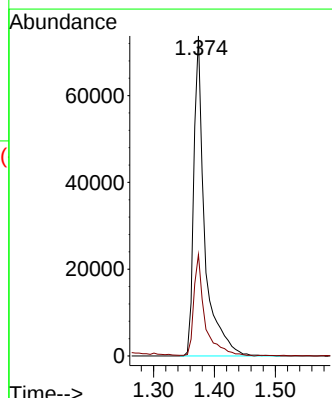
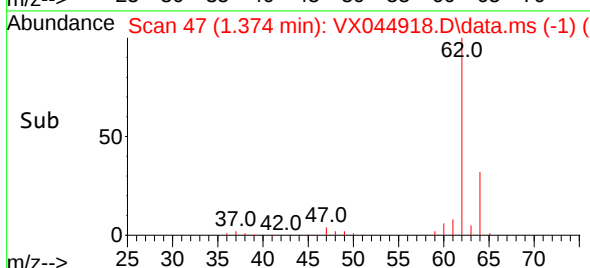
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#4
Vinyl Chloride
Concen: 48.959 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



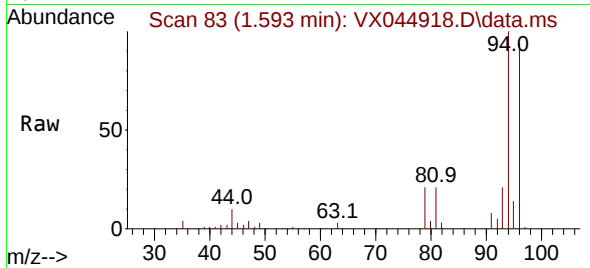
Tgt Ion: 62 Resp: 92352
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 50.267 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

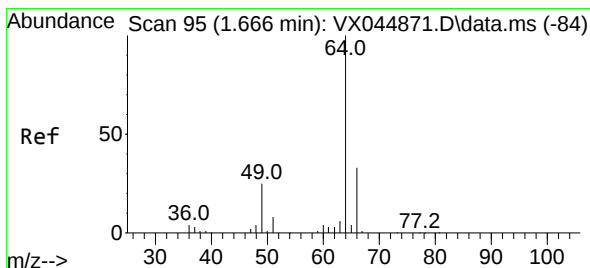
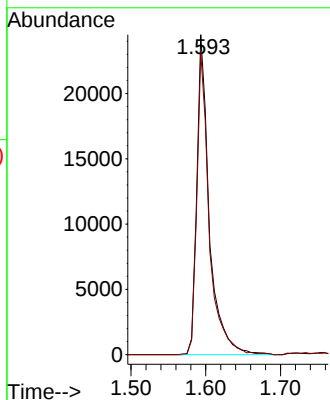
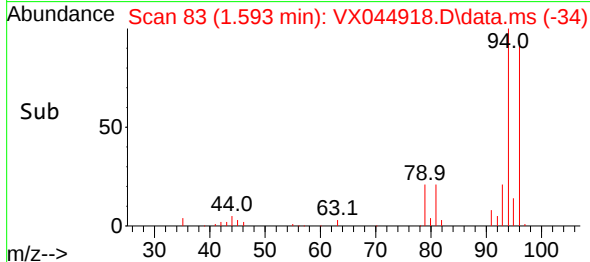
Instrument :
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Tgt Ion: 94 Resp: 28374
Ion Ratio Lower Upper
94 100
96 94.4 71.6 107.4

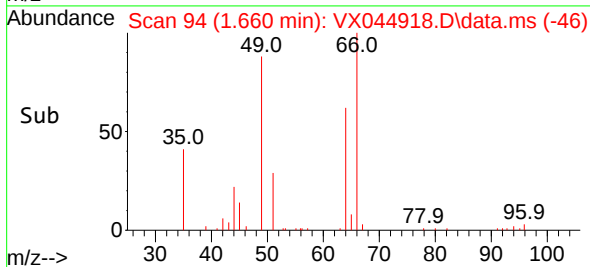
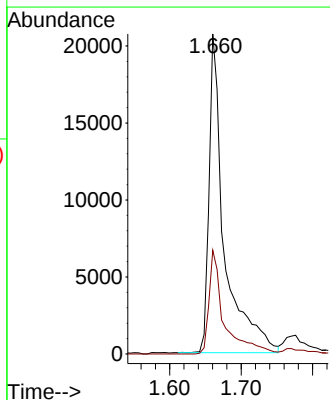
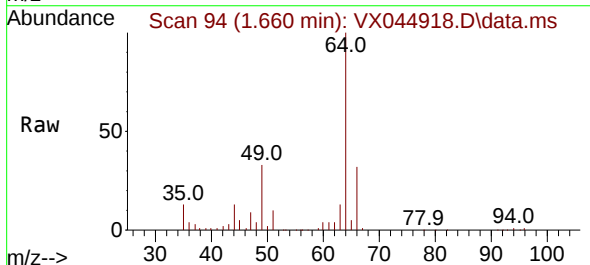
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#6
Chloroethane
Concen: 40.693 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

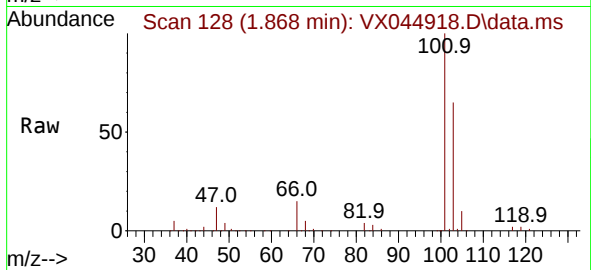
Tgt Ion: 64 Resp: 30841
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9





#7
Trichlorofluoromethane
Concen: 48.991 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

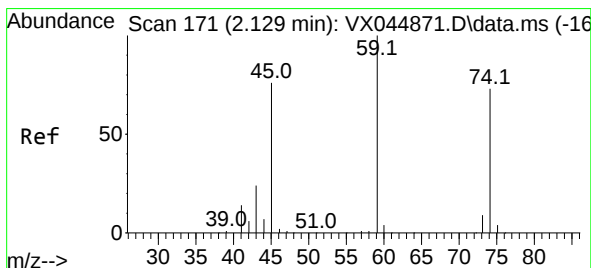
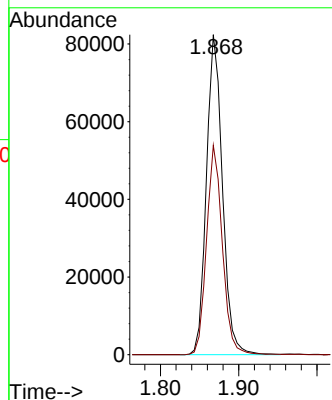
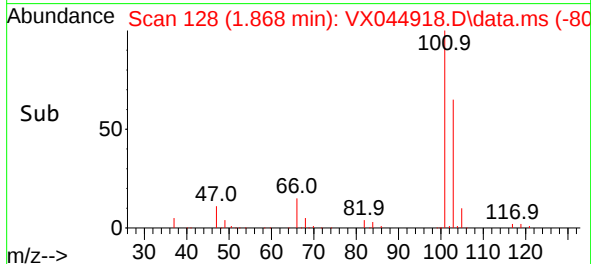
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 11686
Ion Ratio Lower Upper
101 100
103 65.4 52.4 78.6

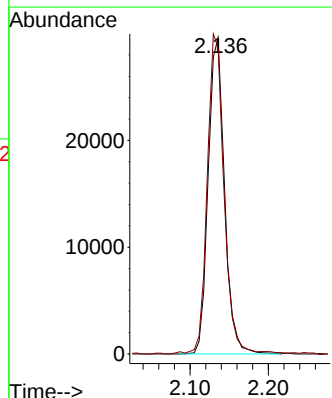
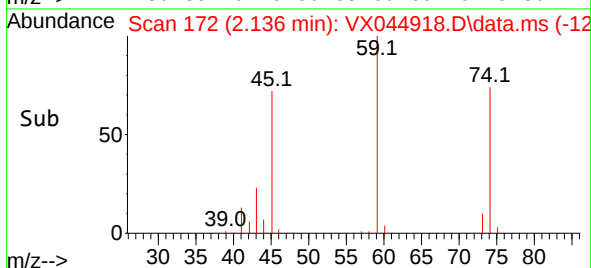
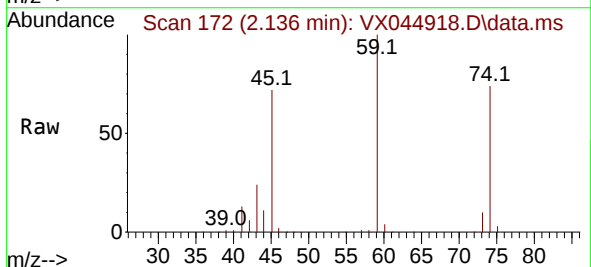
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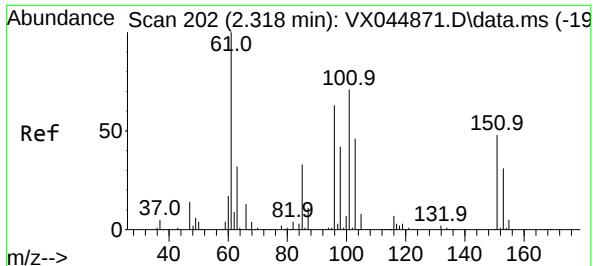
Reviewed By :John Carlone 02/12/2025
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#8
Diethyl Ether
Concen: 49.531 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Tgt Ion: 74 Resp: 42851
Ion Ratio Lower Upper
74 100
45 103.9 51.1 153.4





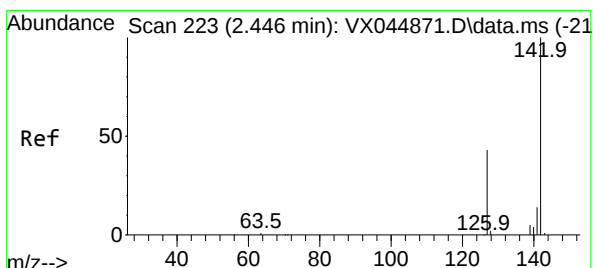
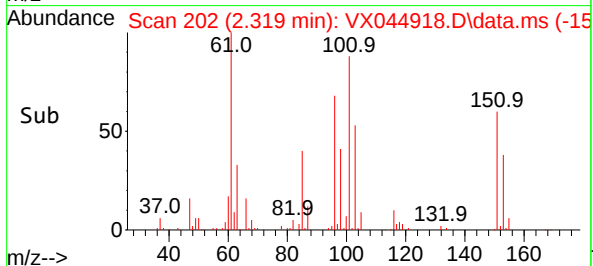
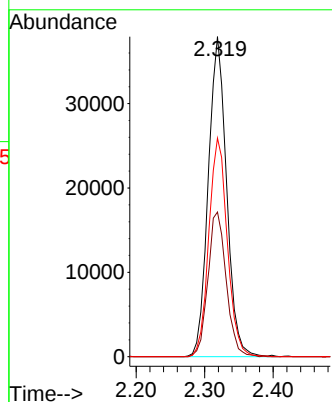
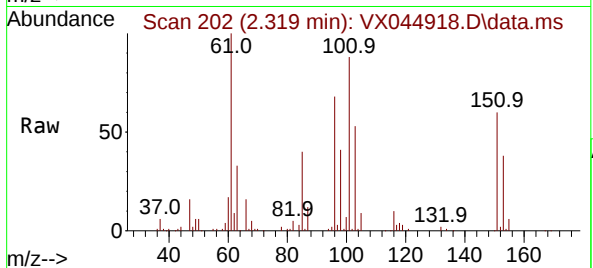
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.954 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7055
Ion Ratio Lower Upper
101 100
85 45.2 35.7 53.5
151 68.9 56.0 84.0

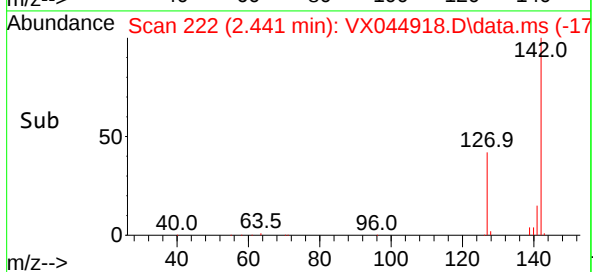
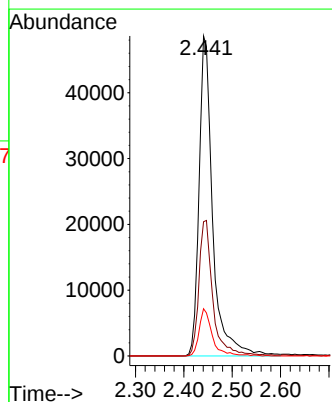
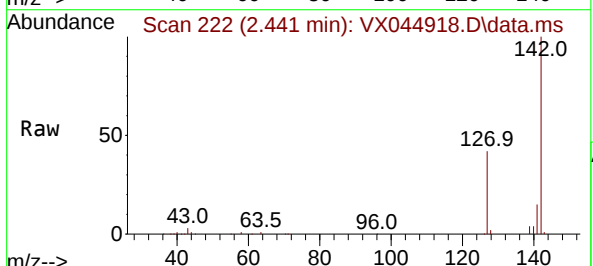
Manual Integrations
APPROVED

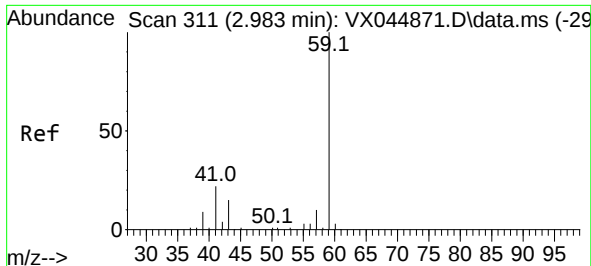
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#10
Methyl Iodide
Concen: 50.957 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Tgt Ion:142 Resp: 95185
Ion Ratio Lower Upper
142 100
127 43.2 34.3 51.5
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 250.247 ug/l

RT: 2.995 min Scan# 311

Delta R.T. 0.013 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 77510

Ion Ratio Lower Upper

59 100

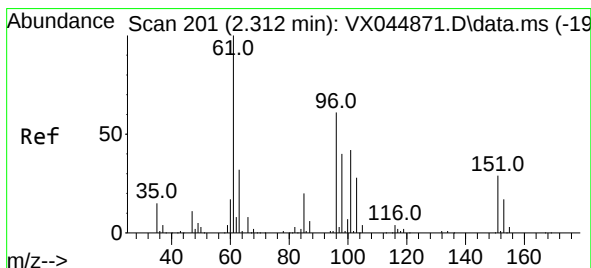
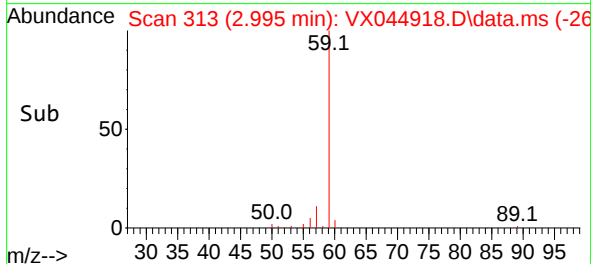
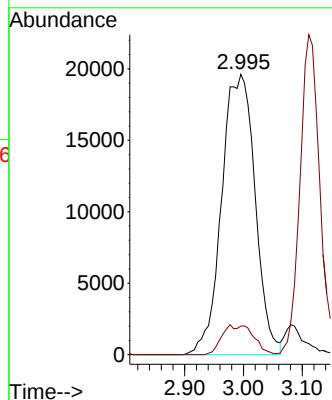
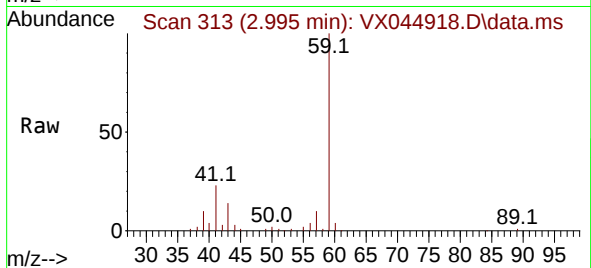
57 4.2 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#12

1,1-Dichloroethene

Concen: 48.335 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

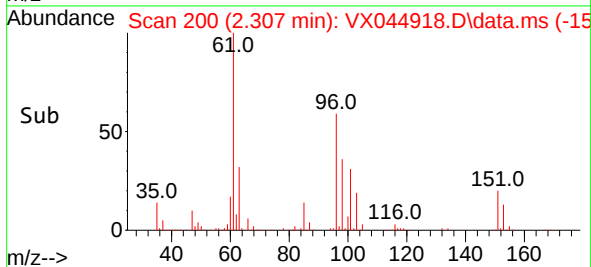
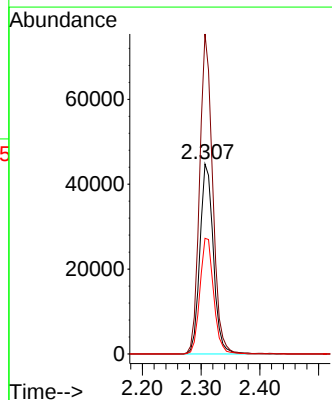
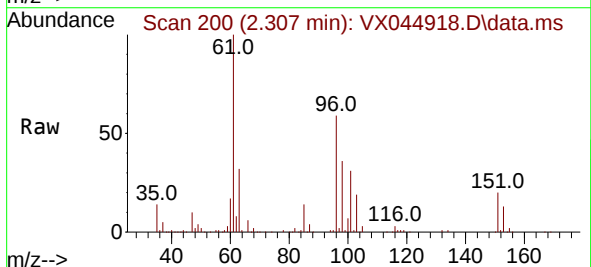
Tgt Ion: 96 Resp: 71063

Ion Ratio Lower Upper

96 100

61 168.5 130.2 195.4

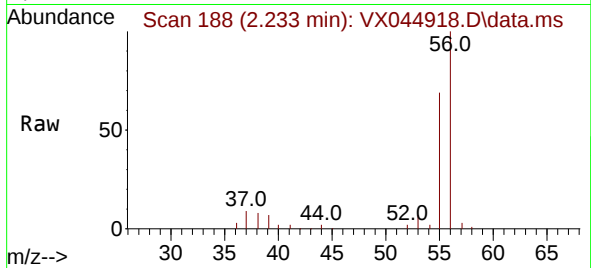
98 60.9 52.2 78.4





#13
Acrolein
Concen: 263.373 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

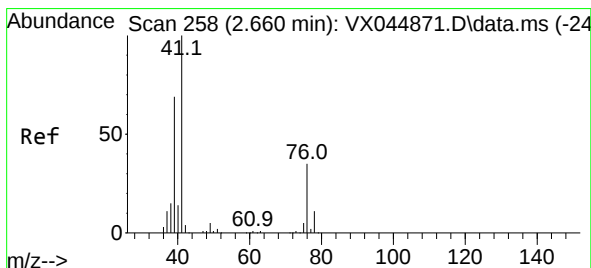
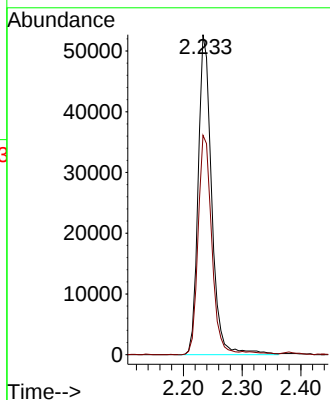
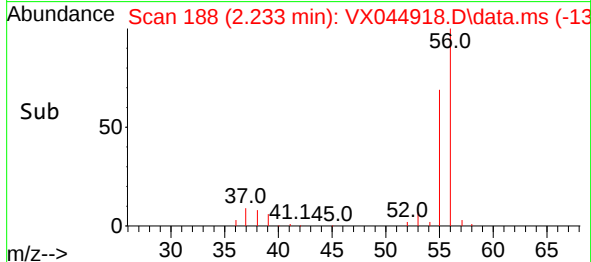
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 84172
Ion Ratio Lower Upper
56 100
55 69.1 55.7 83.5

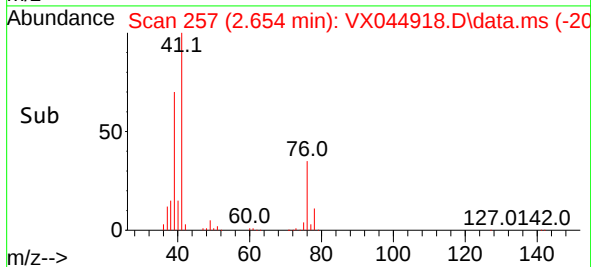
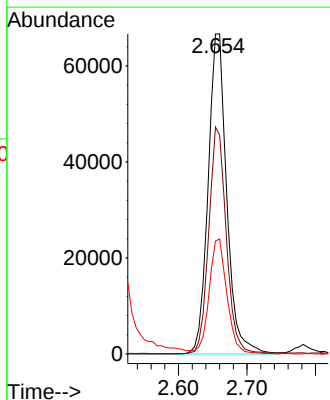
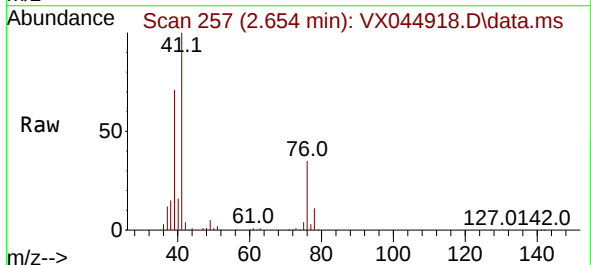
Manual Integrations
APPROVED

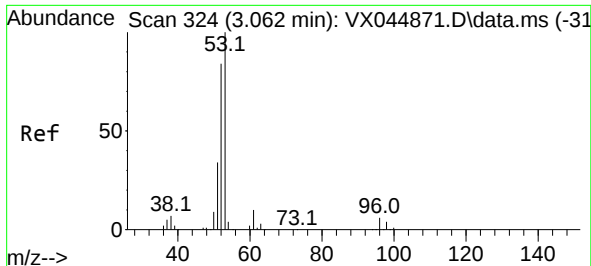
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#14
Allyl chloride
Concen: 47.412 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

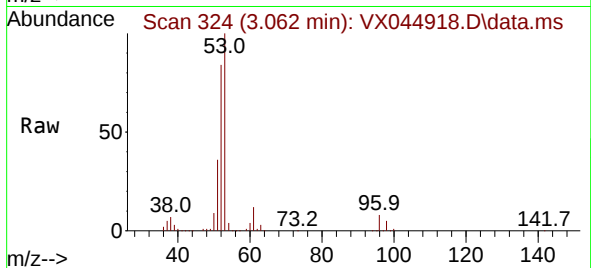
Tgt Ion: 41 Resp: 125975
Ion Ratio Lower Upper
41 100
39 66.5 51.4 77.2
76 34.4 27.0 40.4





#15
Acrylonitrile
Concen: 254.873 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

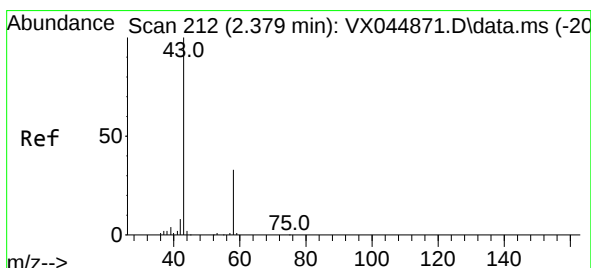
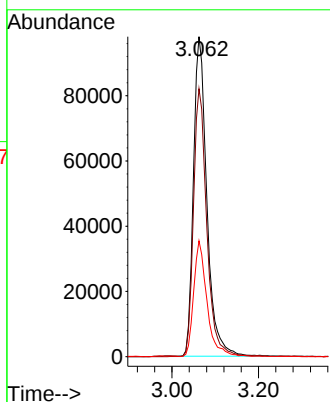
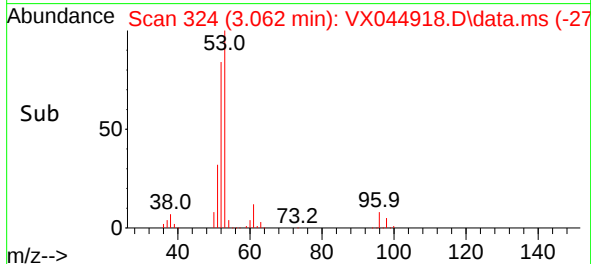
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 210792
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.6
51 35.7 28.0 42.0

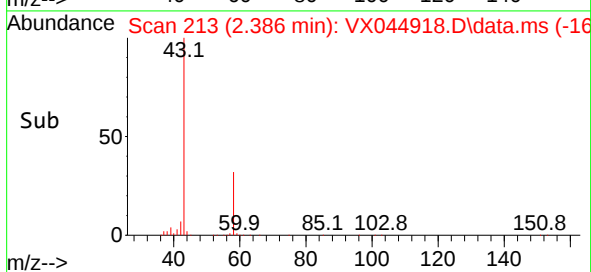
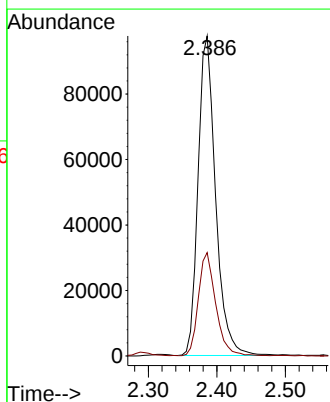
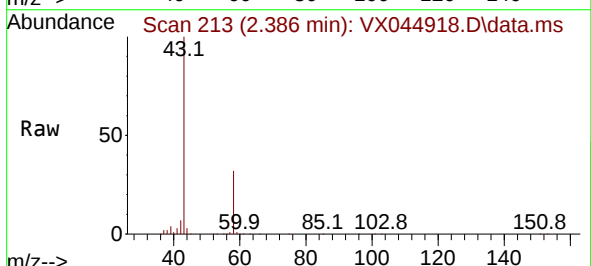
Manual Integrations
APPROVED

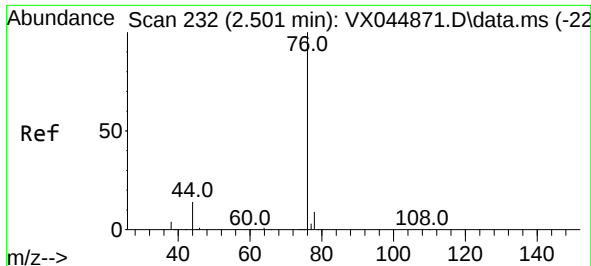
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#16
Acetone
Concen: 259.058 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

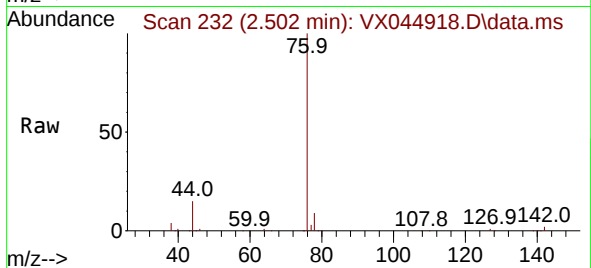
Tgt Ion: 43 Resp: 173889
Ion Ratio Lower Upper
43 100
58 32.3 26.5 39.7





#17
Carbon Disulfide
Concen: 45.780 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

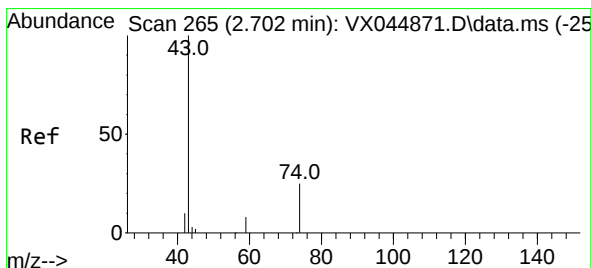
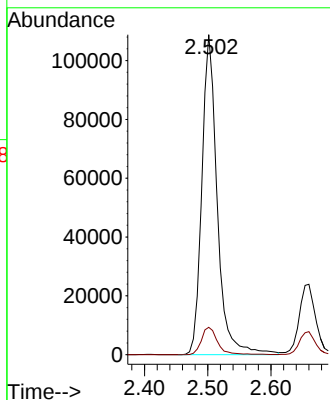
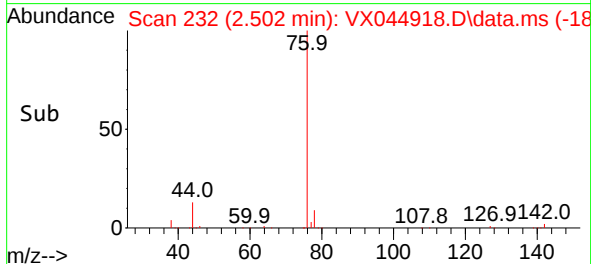
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



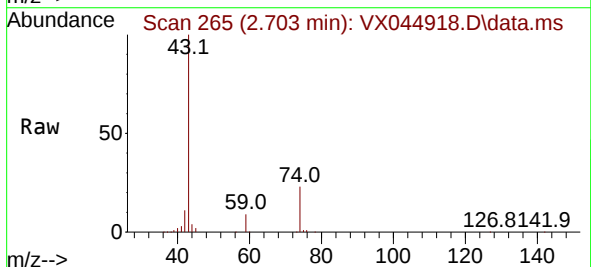
Tgt Ion: 76 Resp: 18456
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

Manual Integrations
APPROVED

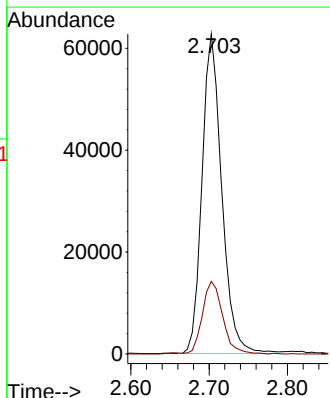
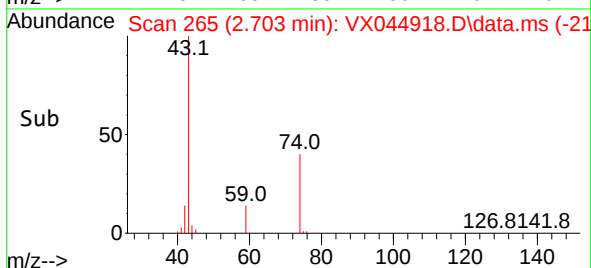
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

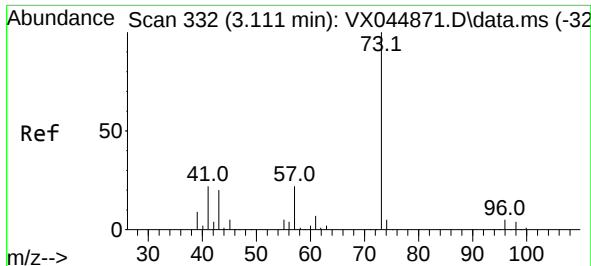


#18
Methyl Acetate
Concen: 51.703 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



Tgt Ion: 43 Resp: 109515
Ion Ratio Lower Upper
43 100
74 23.3 18.9 28.3





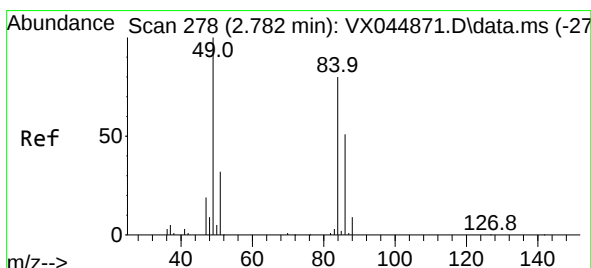
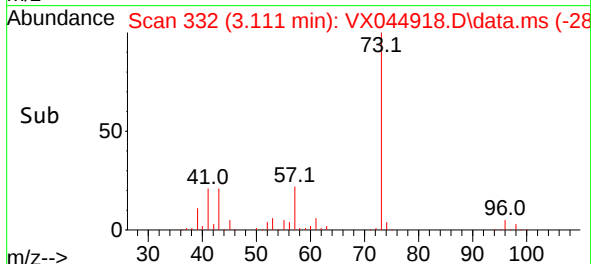
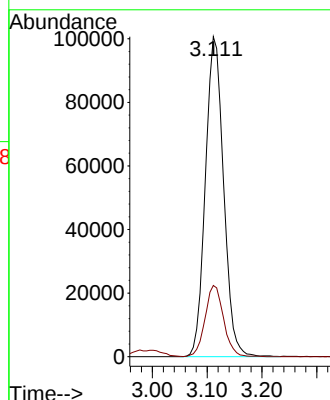
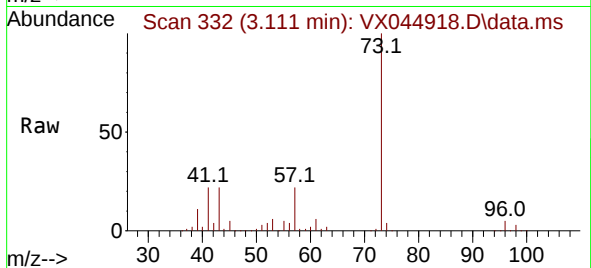
#19
Methyl tert-butyl Ether
Concen: 49.559 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 23182
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9

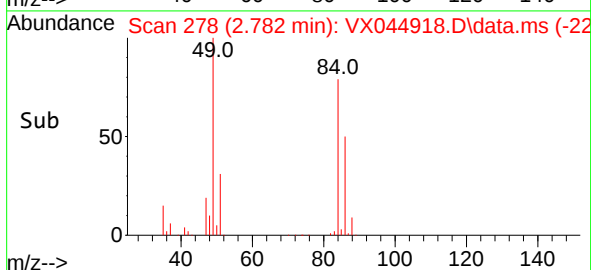
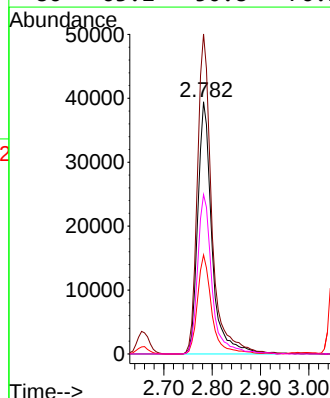
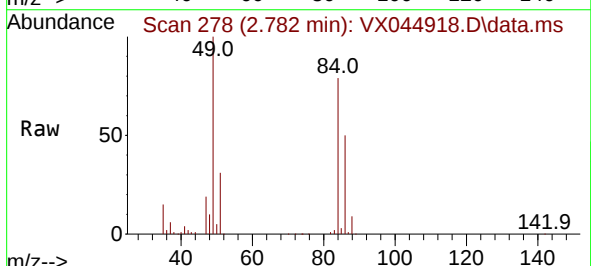
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#20
Methylene Chloride
Concen: 48.945 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

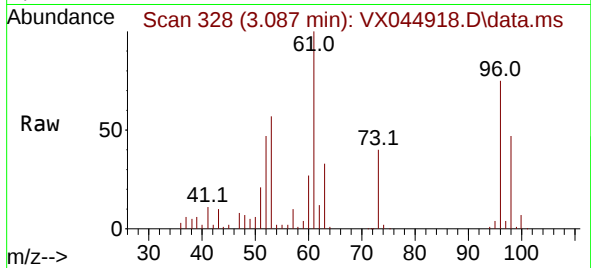
Tgt Ion: 84 Resp: 80471
Ion Ratio Lower Upper
84 100
49 126.9 100.1 150.1
51 39.3 31.7 47.5
86 63.2 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 49.636 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

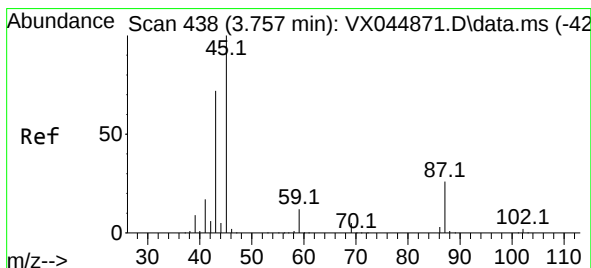
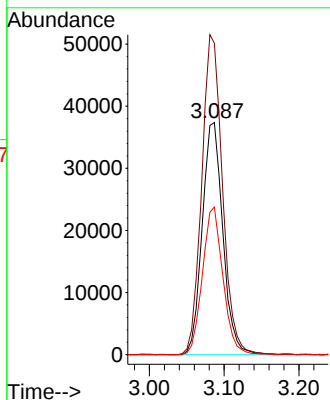
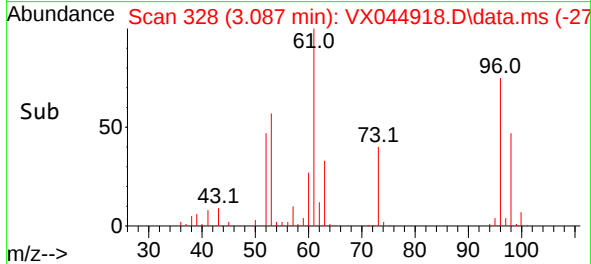
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



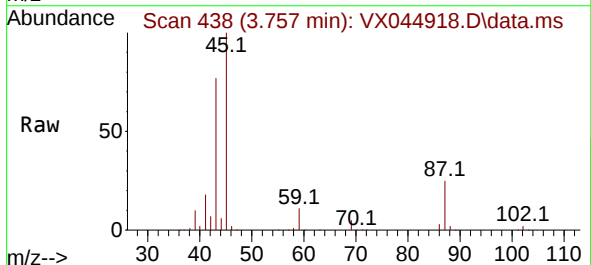
Tgt Ion: 96 Resp: 7182
Ion Ratio Lower Upper
96 100
61 134.2 106.0 159.0
98 63.6 50.6 76.0

Manual Integrations
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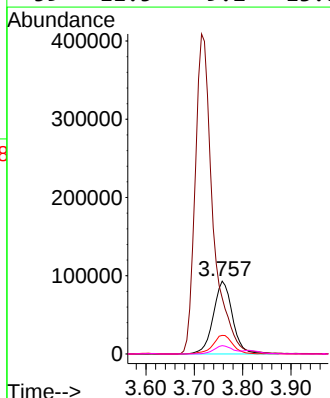
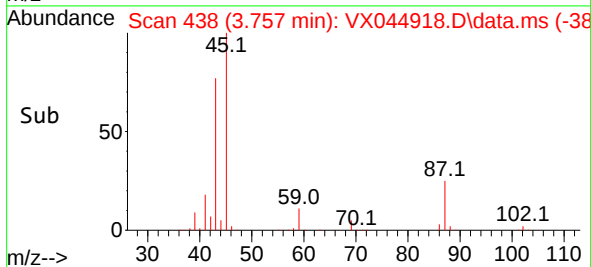
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

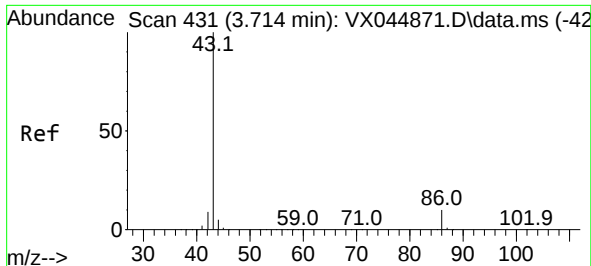


#22
Diisopropyl ether
Concen: 50.840 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



Tgt Ion: 45 Resp: 255564
Ion Ratio Lower Upper
45 100
43 76.9 58.0 87.0
87 25.5 20.7 31.1
59 11.5 9.2 13.8





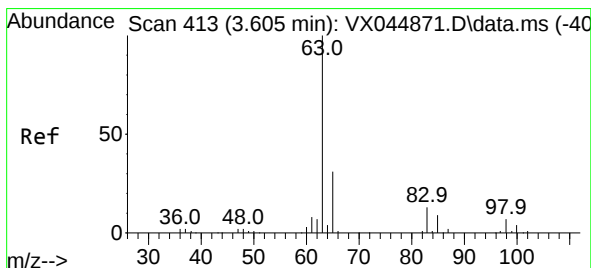
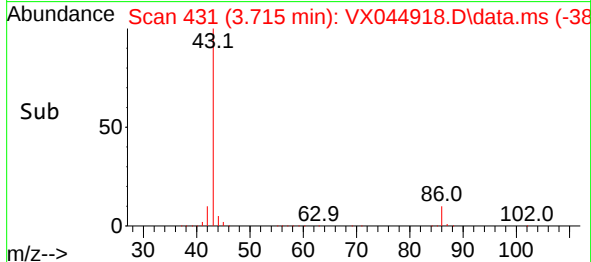
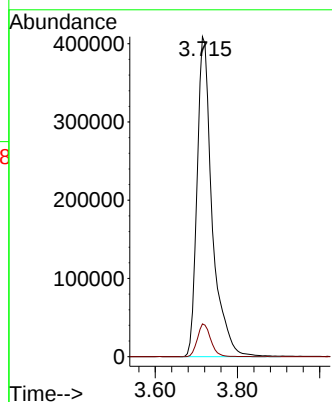
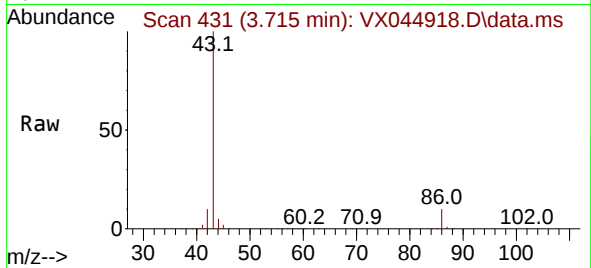
#23
 Vinyl Acetate
 Concen: 254.613 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044918.D
 Acq: 11 Feb 2025 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1043434
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5

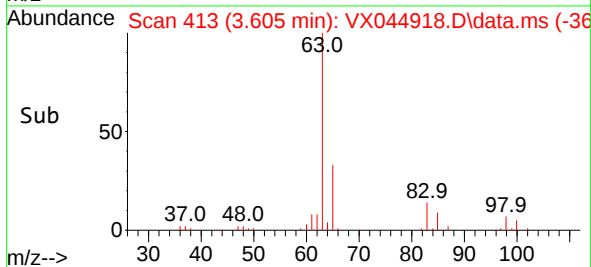
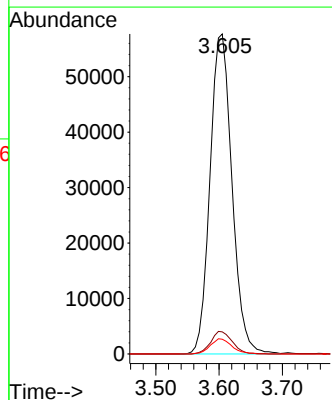
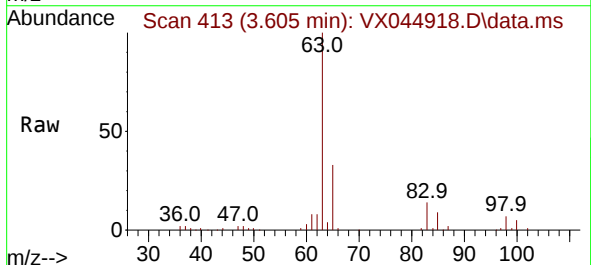
Manual Integrations
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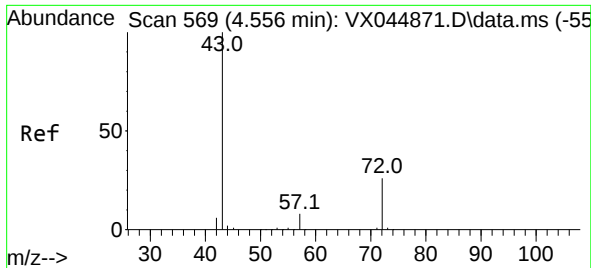
Reviewed By :John Carlone 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#24
 1,1-Dichloroethane
 Concen: 49.527 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044918.D
 Acq: 11 Feb 2025 19:50

Tgt Ion: 63 Resp: 139303
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.6 2.1 6.5





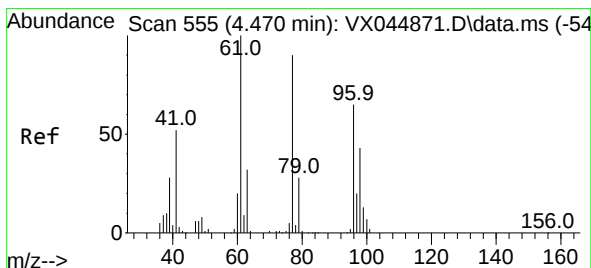
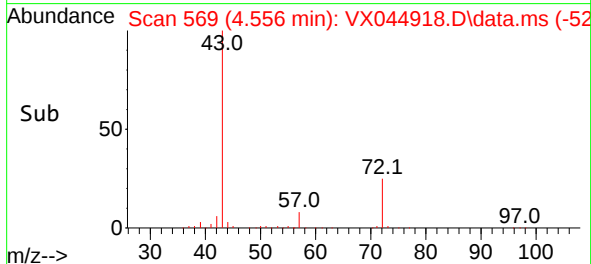
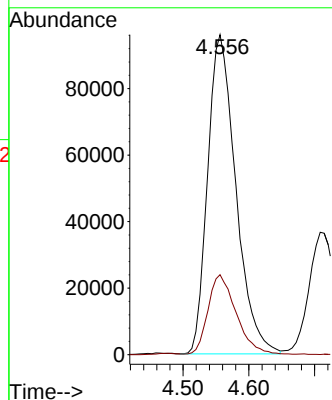
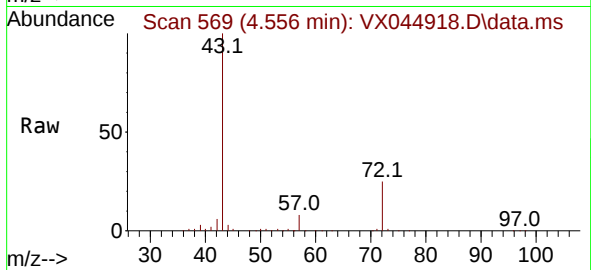
#25
2-Butanone
Concen: 262.259 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 28585
Ion Ratio Lower Upper
43 100
72 24.8 21.2 31.8

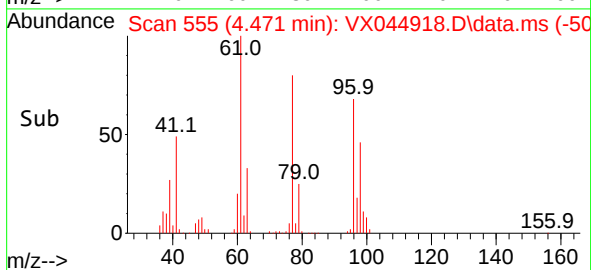
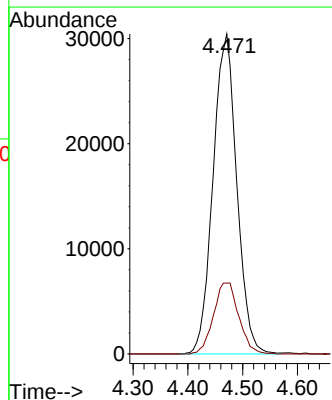
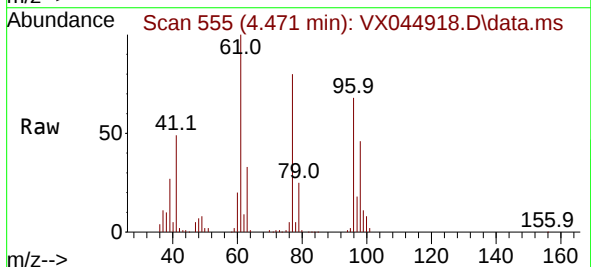
Manual Integrations
APPROVED

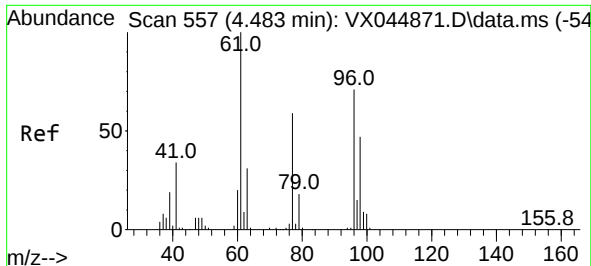
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#26
2,2-Dichloropropane
Concen: 41.086 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Tgt Ion: 77 Resp: 91644
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 49.402 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

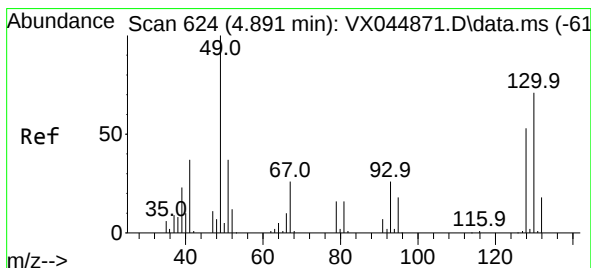
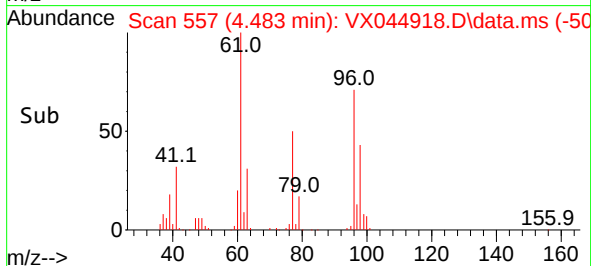
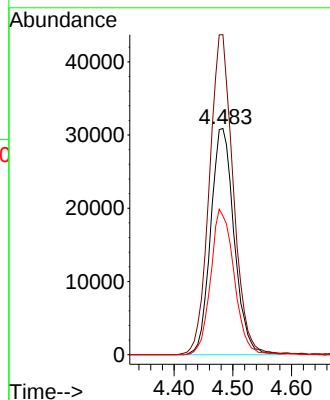
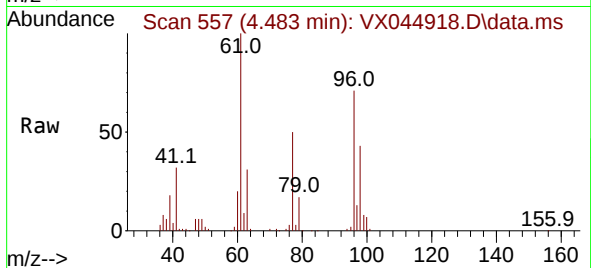
Tgt Ion: 96 Resp: 85860
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 294.0
 98 64.0 0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#28

Bromochloromethane

Concen: 44.575 ug/l

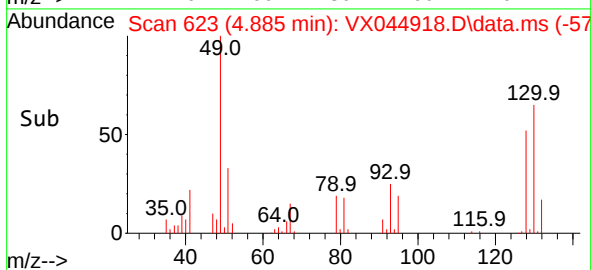
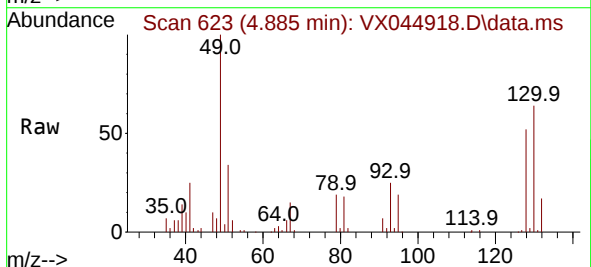
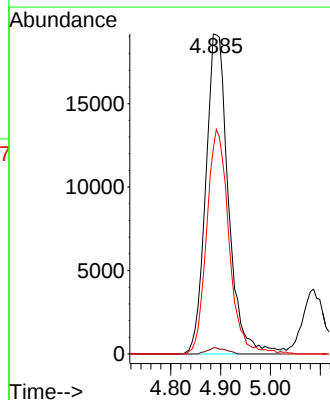
RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Tgt Ion: 49 Resp: 60252
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.6
 130 69.4 56.7 85.1





#29

Tetrahydrofuran

Concen: 260.913 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 188839

Ion Ratio Lower Upper

42 100

72 43.2 35.0 52.4

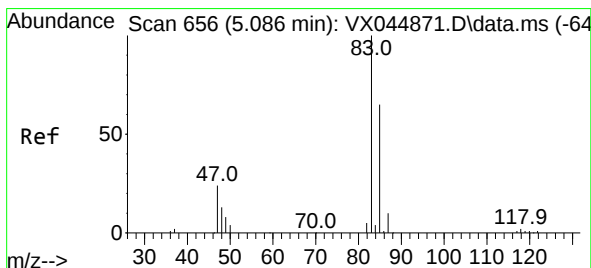
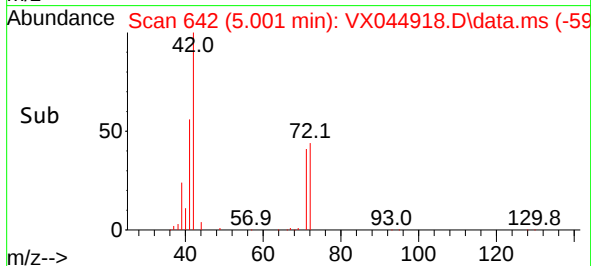
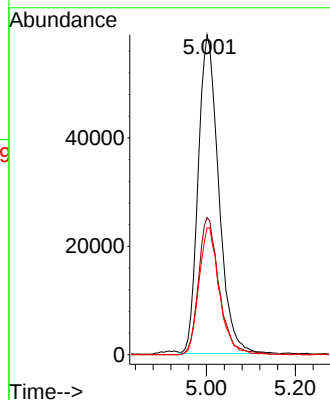
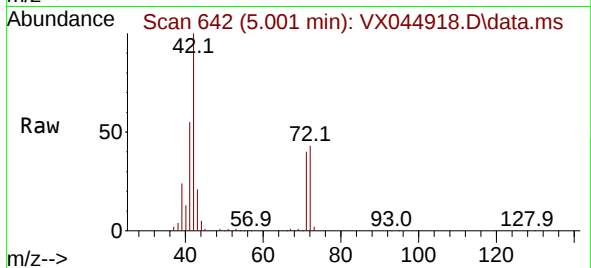
71 39.6 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#30

Chloroform

Concen: 49.806 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044918.D

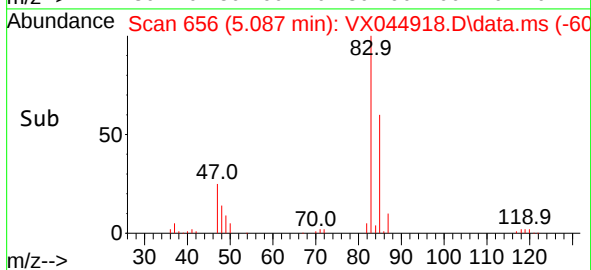
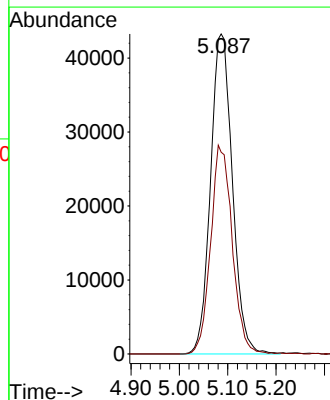
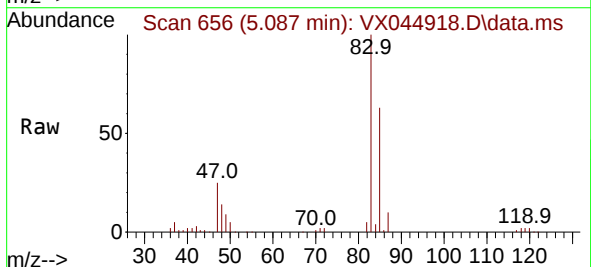
Acq: 11 Feb 2025 19:50

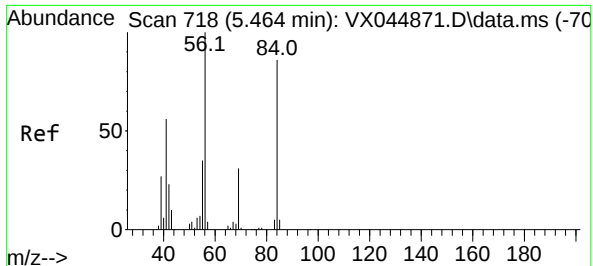
Tgt Ion: 83 Resp: 135857

Ion Ratio Lower Upper

83 100

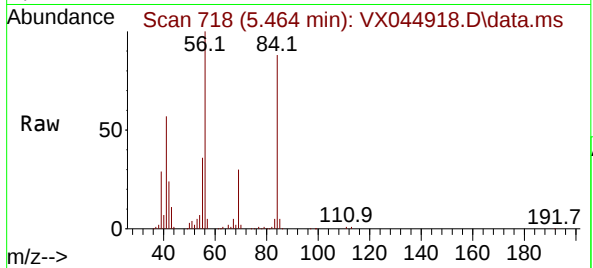
85 63.1 52.1 78.1





#31
Cyclohexane
Concen: 47.217 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

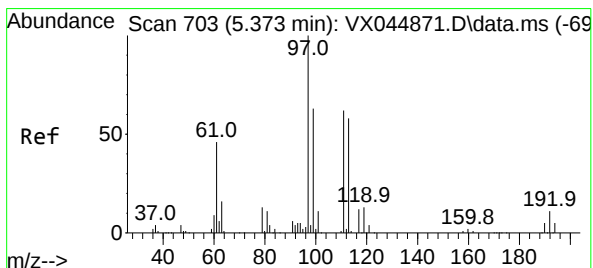
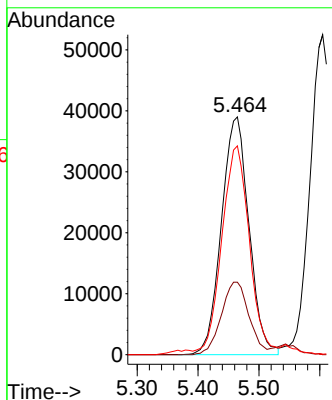
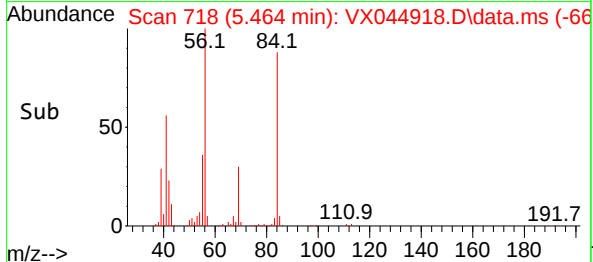
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



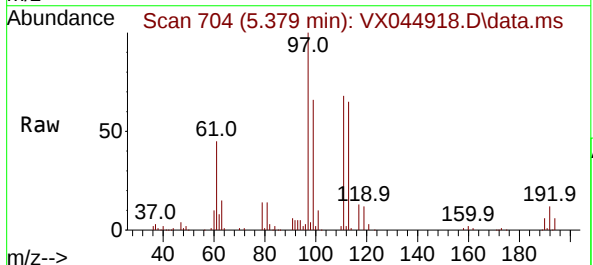
Tgt Ion: 56 Resp: 122435
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 85.9 69.0 103.6

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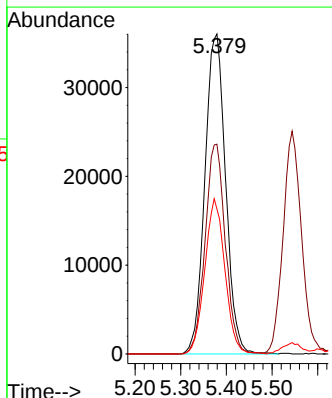
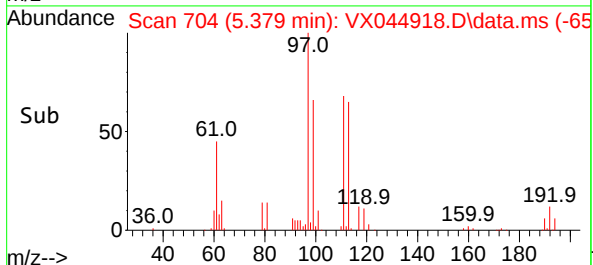
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

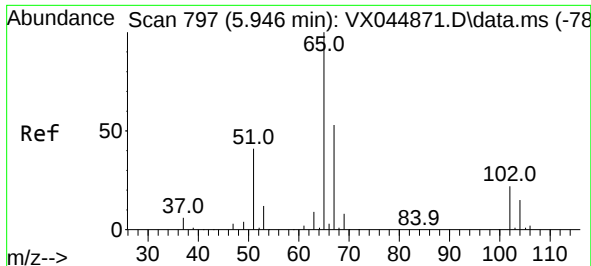


#32
1,1,1-Trichloroethane
Concen: 49.107 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



Tgt Ion: 97 Resp: 113617
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 47.1 36.6 55.0





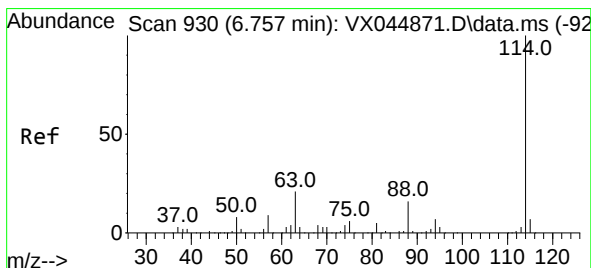
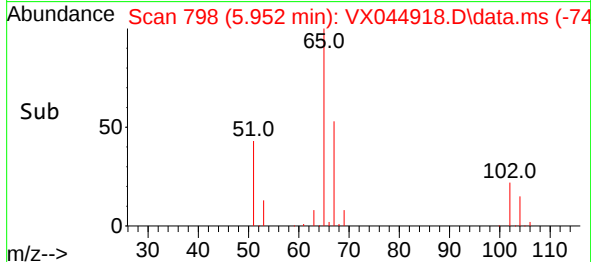
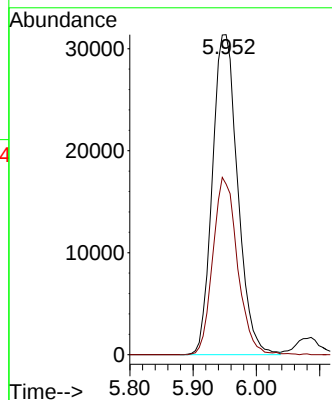
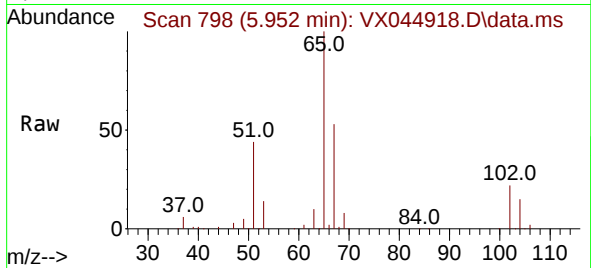
#33
 1,2-Dichloroethane-d4
 Concen: 52.162 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044918.D
 Acq: 11 Feb 2025 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 87095
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.2

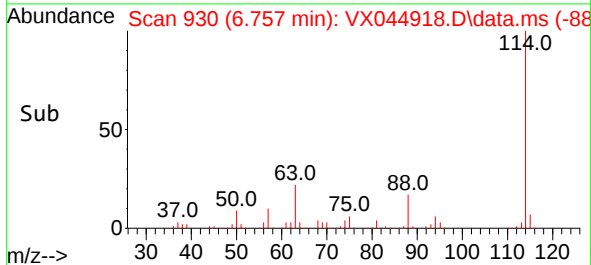
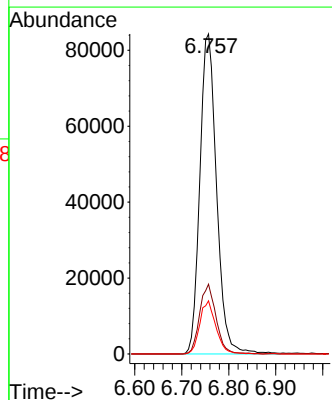
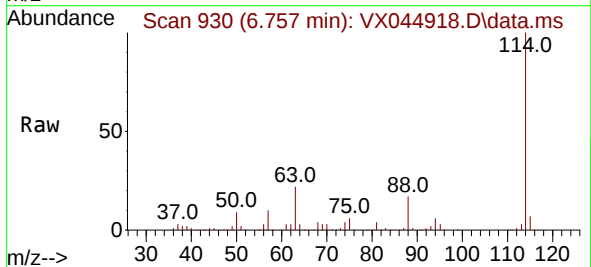
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044918.D
 Acq: 11 Feb 2025 19:50

Tgt Ion:114 Resp: 208728
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.520 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

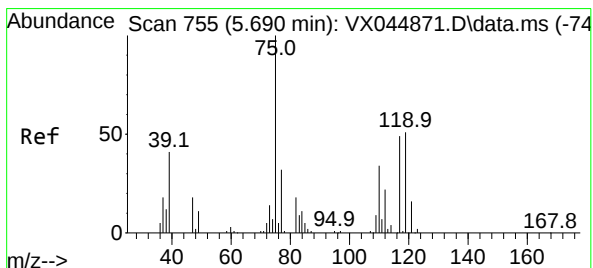
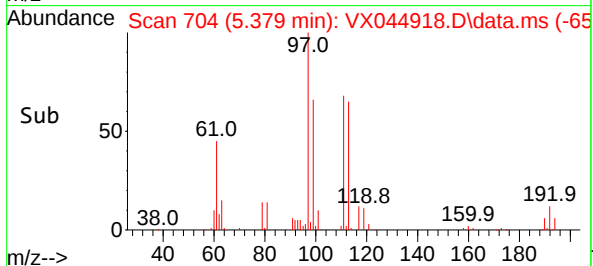
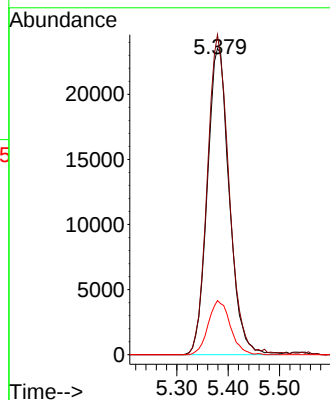
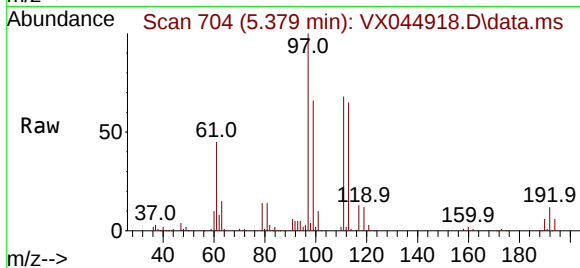
Tgt Ion:	113	Resp:	6991
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.5	125.3
192	17.7	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#36

1,1-Dichloropropene

Concen: 46.974 ug/l

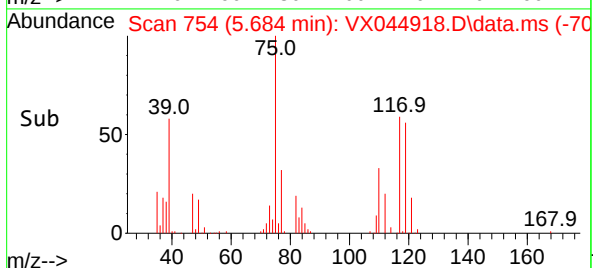
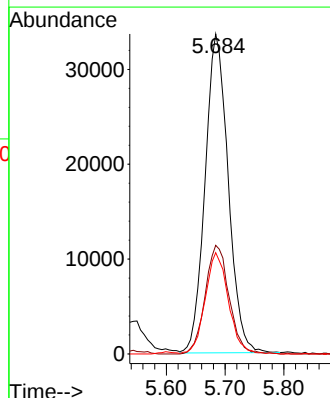
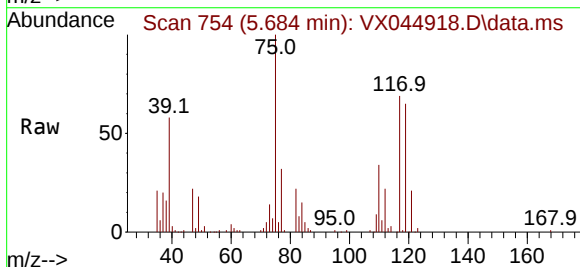
RT: 5.684 min Scan# 754

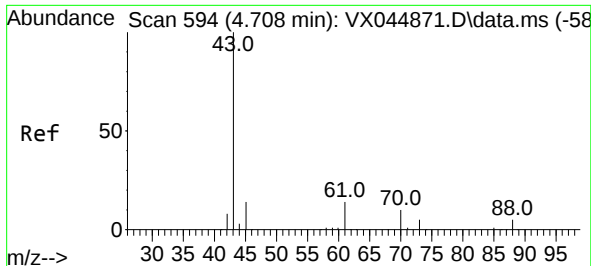
Delta R.T. -0.006 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

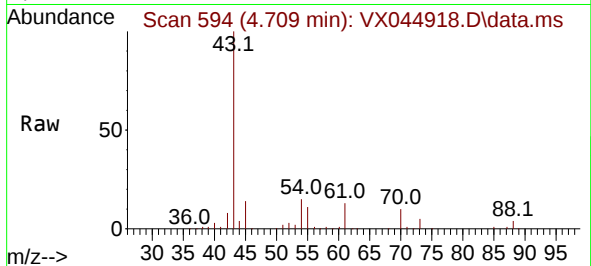
Tgt Ion:	75	Resp:	91970
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.2	51.6
77	31.9	24.6	37.0





#37
Ethyl Acetate
Concen: 50.702 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

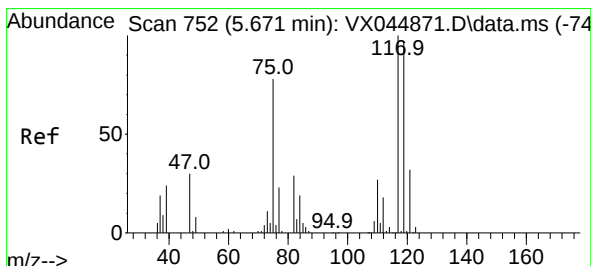
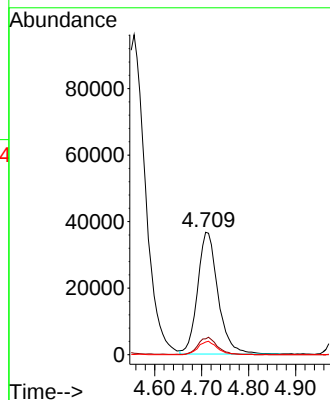
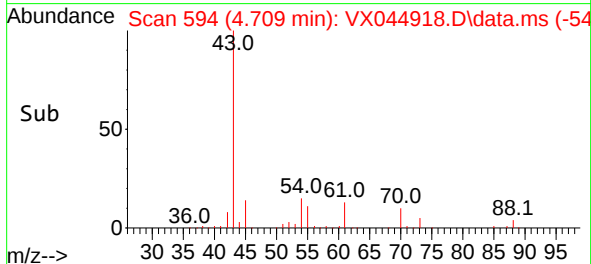
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 11041
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.4 8.2 12.2

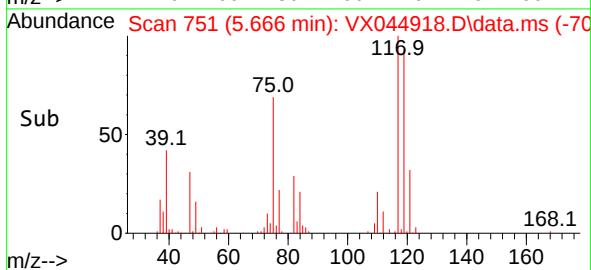
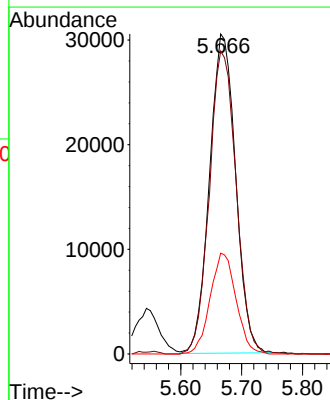
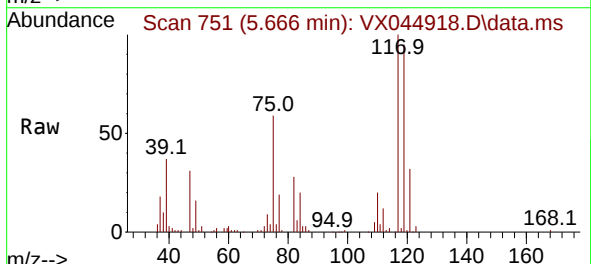
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#38
Carbon Tetrachloride
Concen: 47.211 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Tgt Ion:117 Resp: 90581
Ion Ratio Lower Upper
117 100
119 95.1 77.5 116.3
121 31.6 25.6 38.4





#39

Methylcyclohexane

Concen: 48.896 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 123769

Ion Ratio Lower Upper

83 100

55 79.3 61.3 91.9

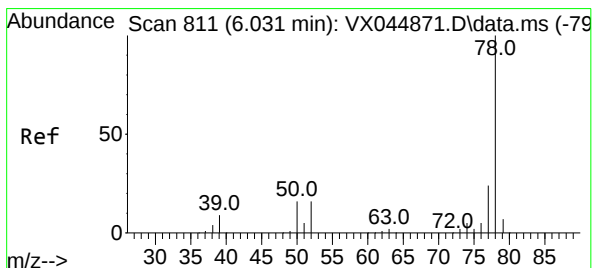
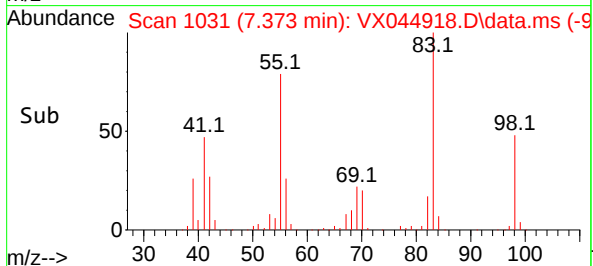
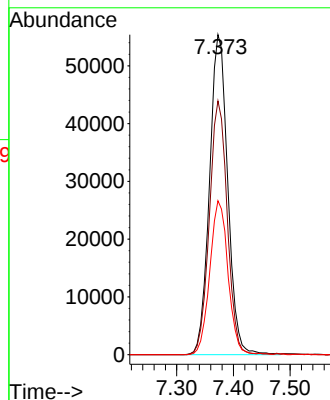
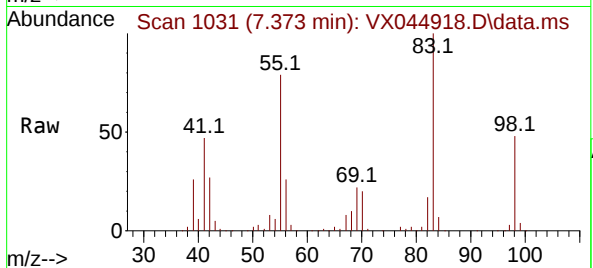
98 48.1 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#40

Benzene

Concen: 49.575 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044918.D

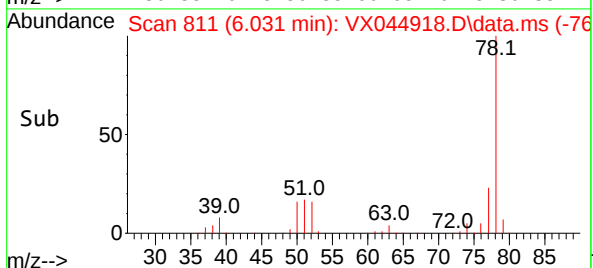
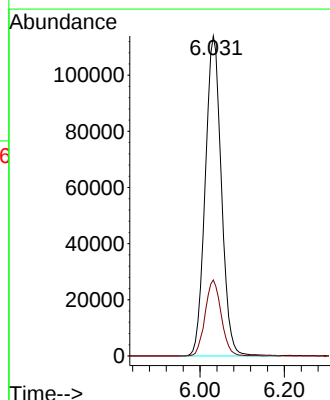
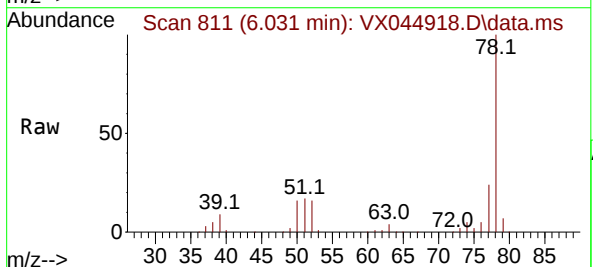
Acq: 11 Feb 2025 19:50

Tgt Ion: 78 Resp: 303089

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6





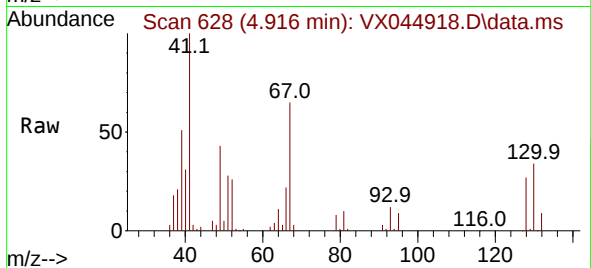
#41
Methacrylonitrile
Concen: 53.690 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



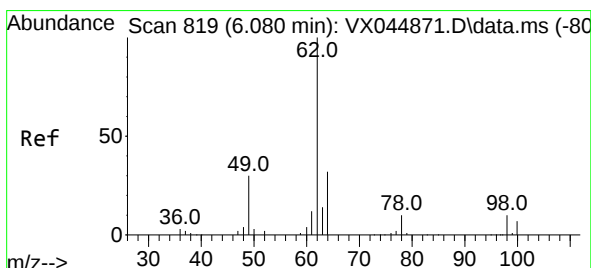
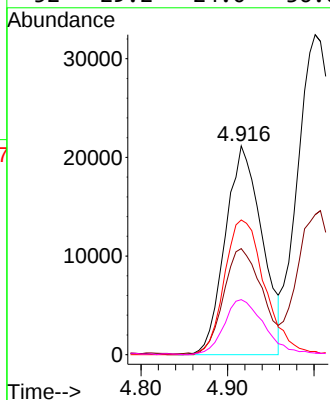
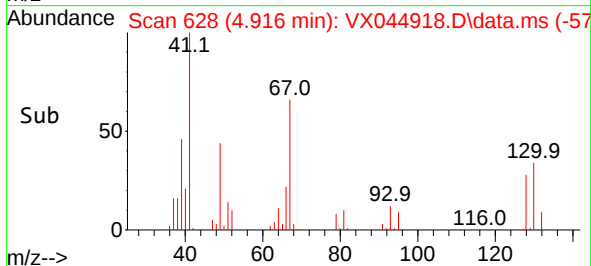
Tgt Ion: 41 Resp: 6258
Ion Ratio Lower Upper
41 100
39 52.8 43.1 64.7
67 71.3 57.0 85.6
52 29.2 24.0 36.0

Manual Integrations

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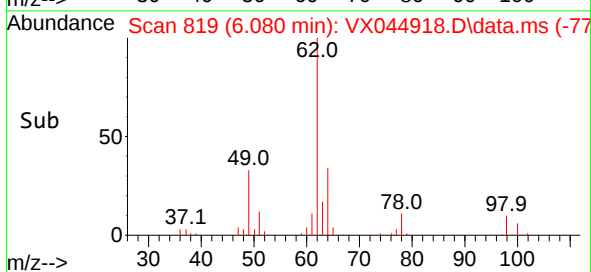
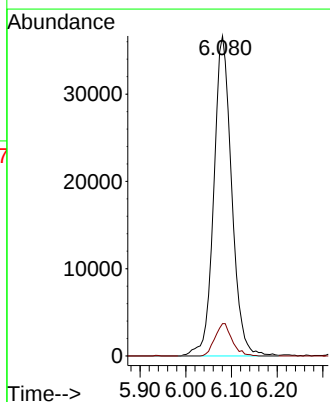
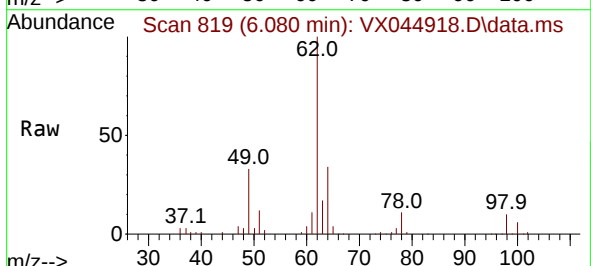
Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#42
1,2-Dichloroethane
Concen: 51.275 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

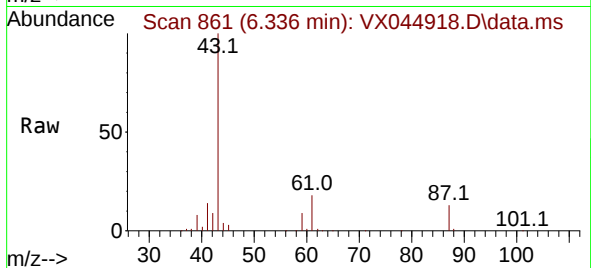
Tgt Ion: 62 Resp: 99909
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 50.486 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

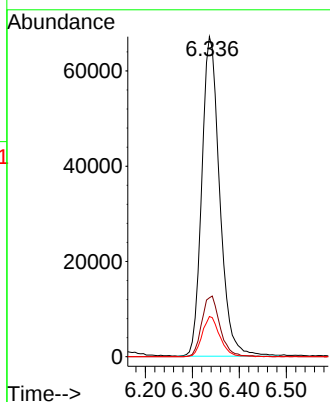
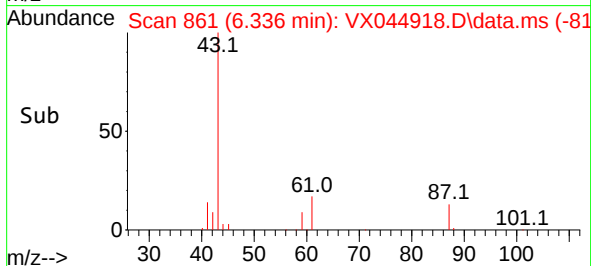
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 177540
Ion Ratio Lower Upper
43 100
61 19.3 15.8 23.8
87 12.3 10.0 15.0

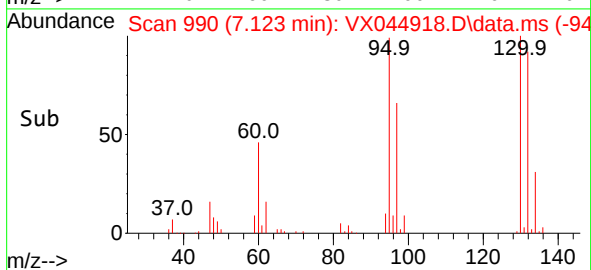
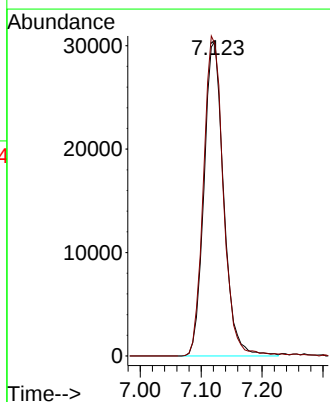
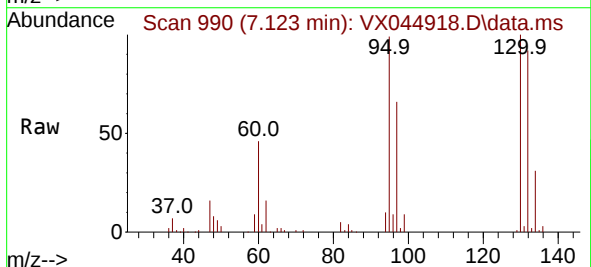
Manual Integrations
APPROVED

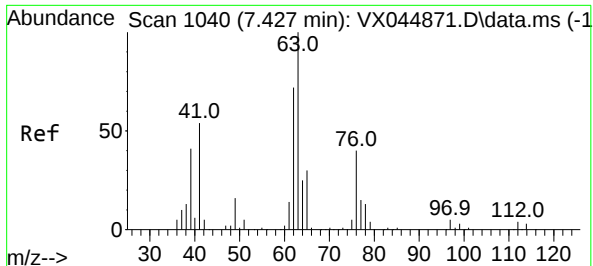
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#44
Trichloroethene
Concen: 48.777 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Tgt Ion:130 Resp: 68162
Ion Ratio Lower Upper
130 100
95 99.1 0.0 202.4





#45

1,2-Dichloropropane

Concen: 49.460 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 75229

Ion Ratio Lower Upper

63 100

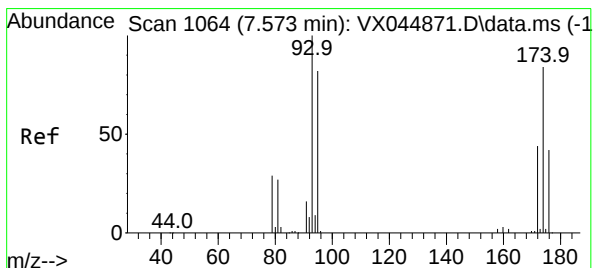
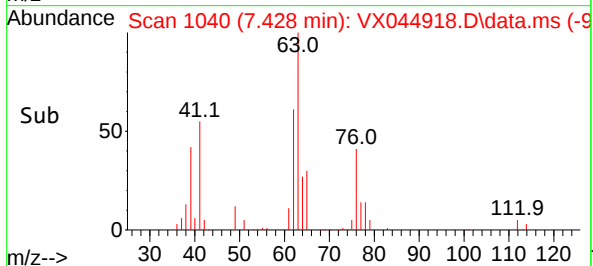
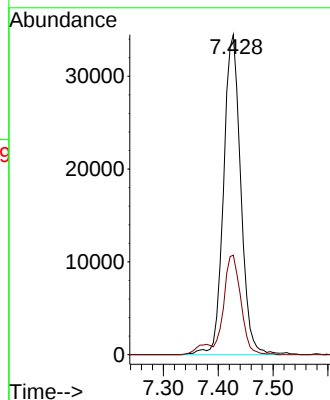
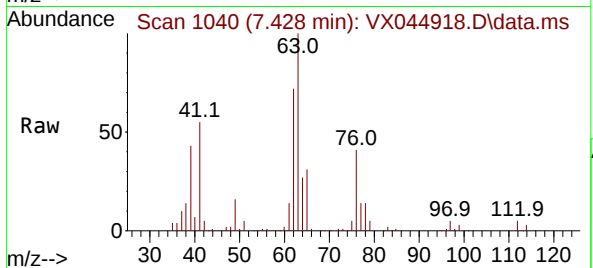
65 31.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#46

Dibromomethane

Concen: 50.552 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

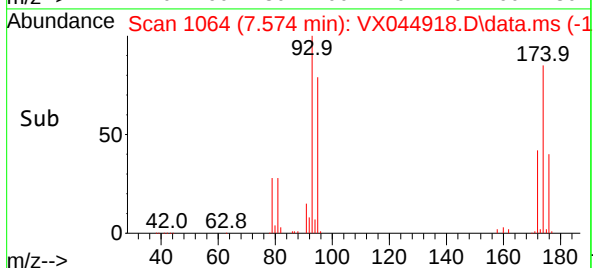
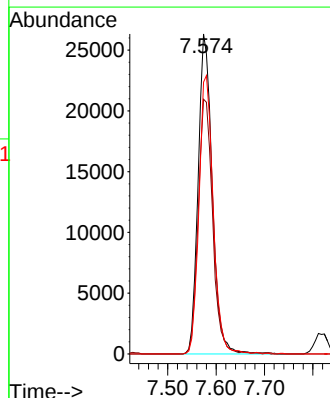
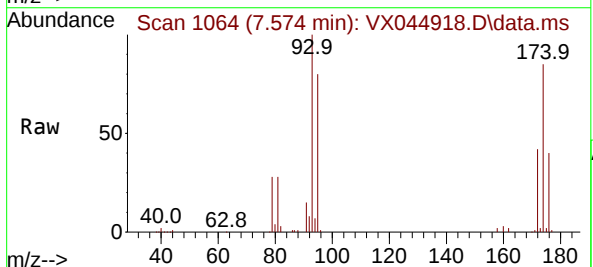
Tgt Ion: 93 Resp: 53323

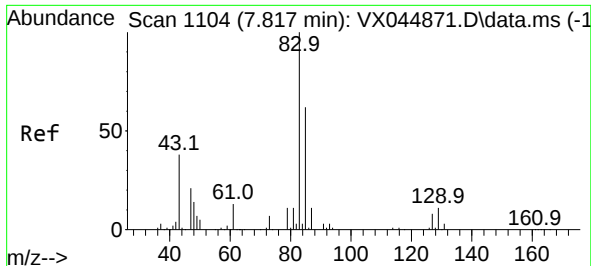
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

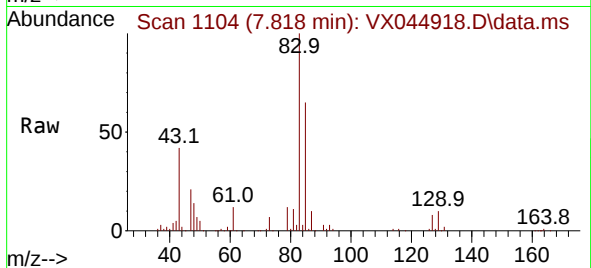
174 87.8 69.9 104.9





#47
Bromodichloromethane
Concen: 50.475 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

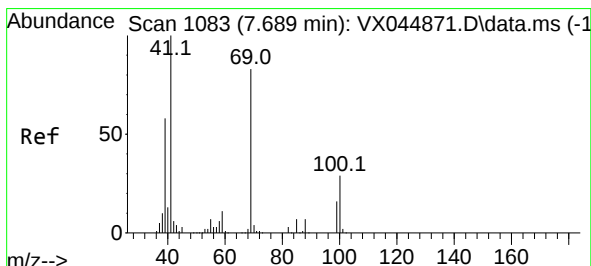
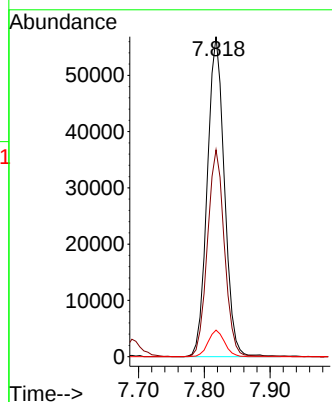
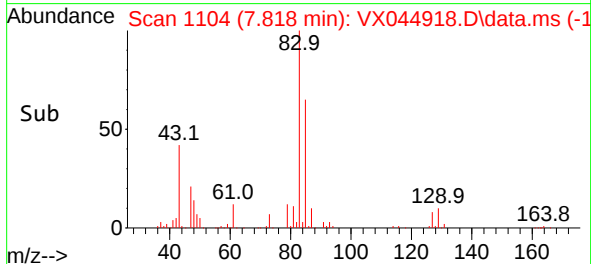
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 10309
Ion Ratio Lower Upper
83 100
85 64.7 50.0 75.0
127 8.3 6.4 9.6

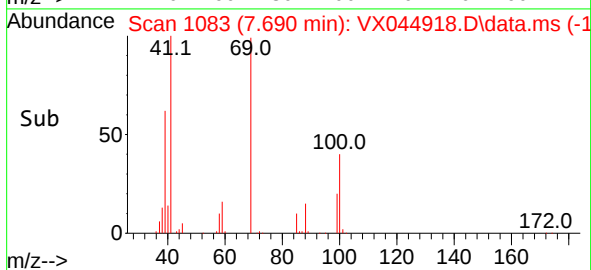
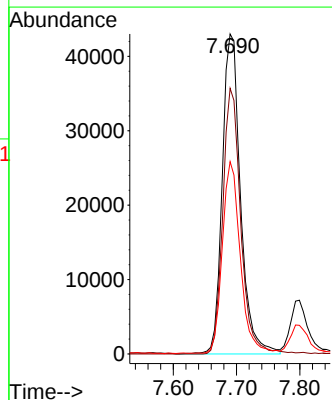
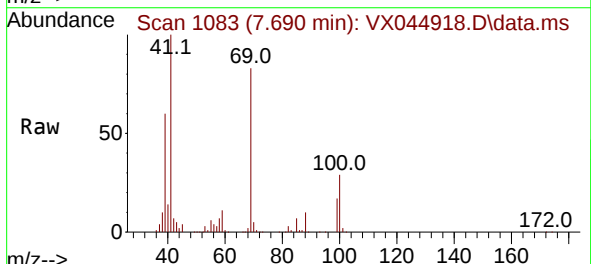
Manual Integrations
APPROVED

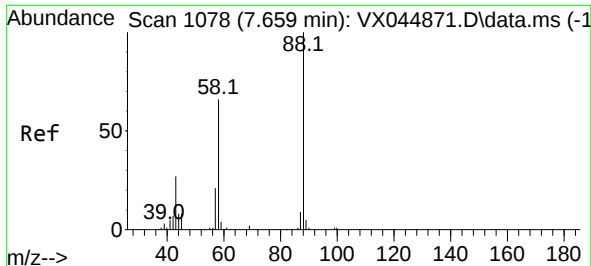
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#48
Methyl methacrylate
Concen: 51.962 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

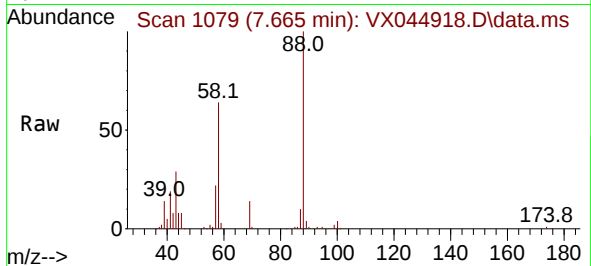
Tgt Ion: 41 Resp: 86162
Ion Ratio Lower Upper
41 100
69 81.8 65.8 98.8
39 59.0 46.4 69.6





#49
1,4-Dioxane
Concen: 1056.949 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

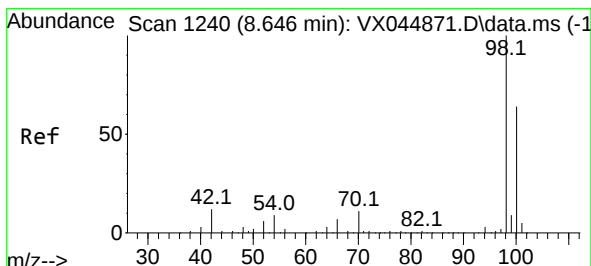
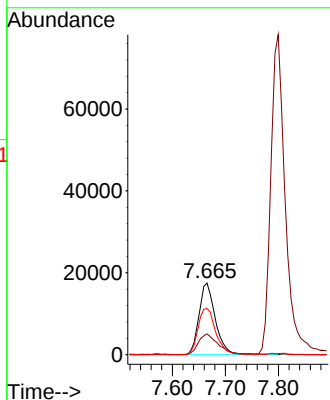
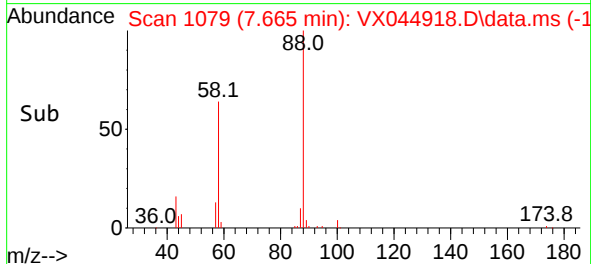
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 37602
Ion Ratio Lower Upper
88 100
43 34.0 26.6 39.8
58 69.5 55.9 83.9

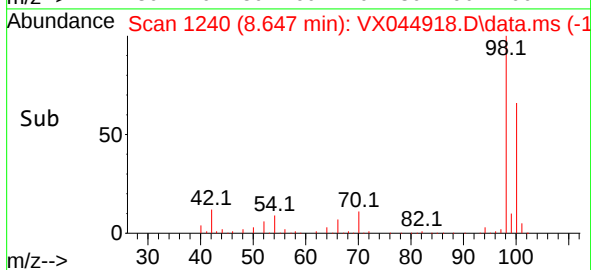
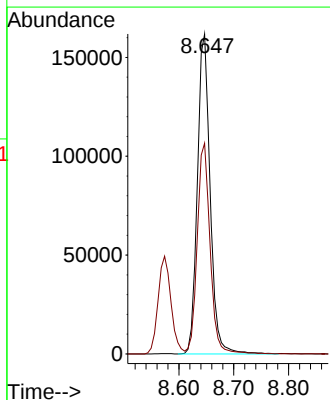
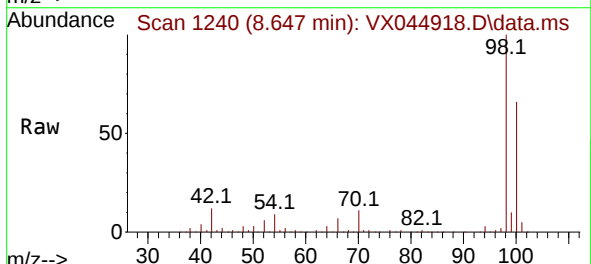
Manual Integrations
APPROVED

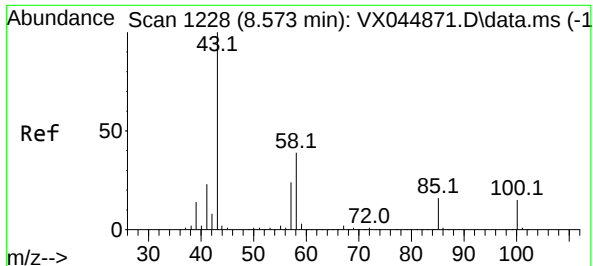
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#50
Toluene-d8
Concen: 51.148 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

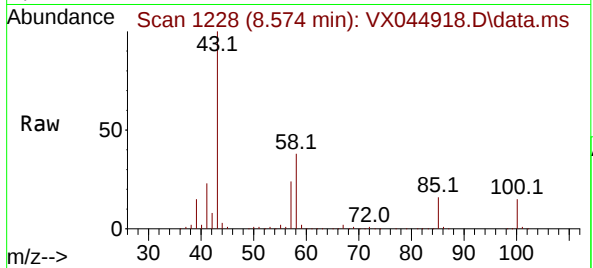
Tgt Ion: 98 Resp: 262476
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 262.440 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

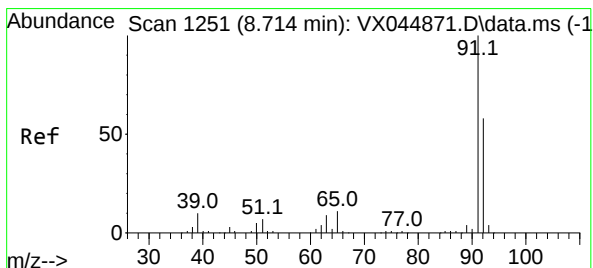
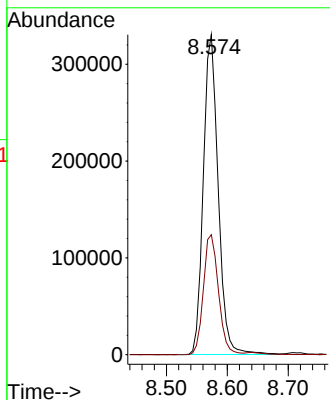
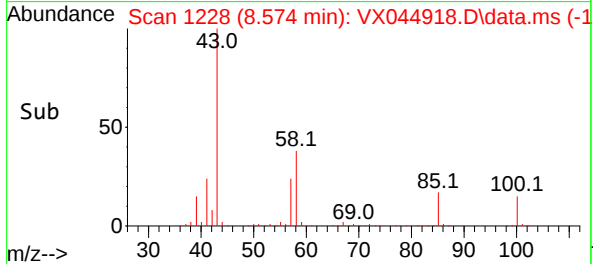
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



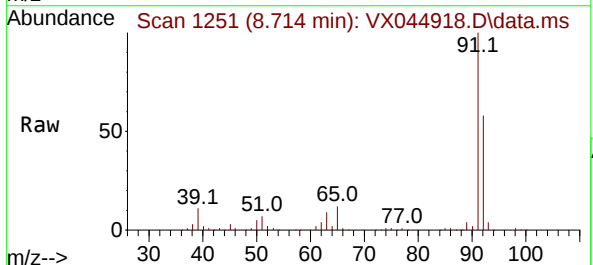
Tgt Ion: 43 Resp: 56108
Ion Ratio Lower Upper
43 100
58 38.1 30.8 46.2

Manual Integrations
APPROVED

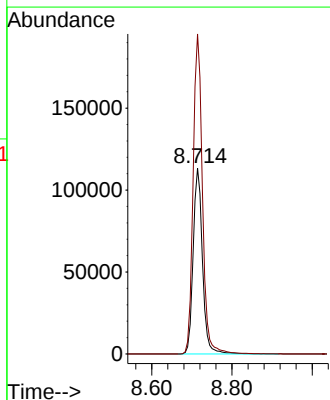
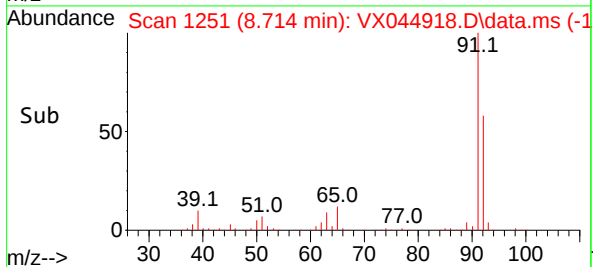
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

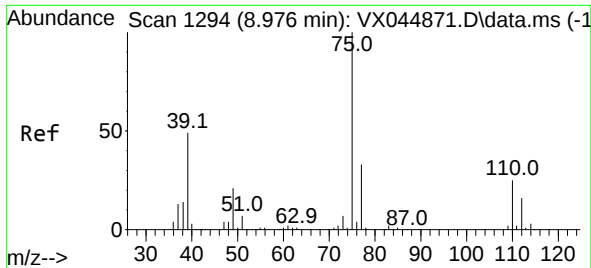


#52
Toluene
Concen: 50.199 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



Tgt Ion: 92 Resp: 182775
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 48.347 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

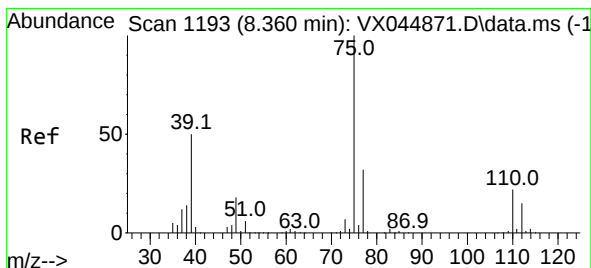
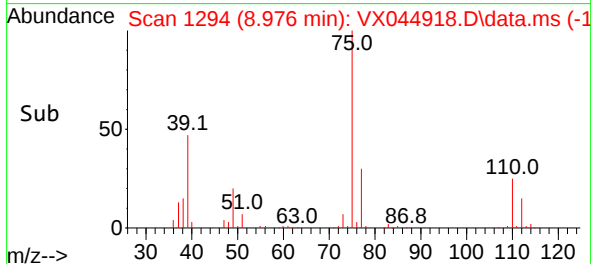
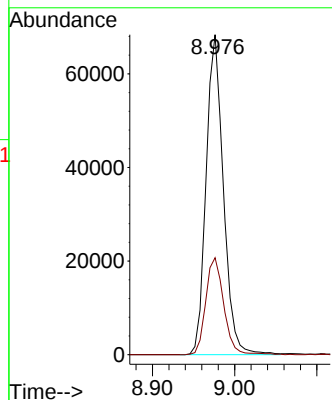
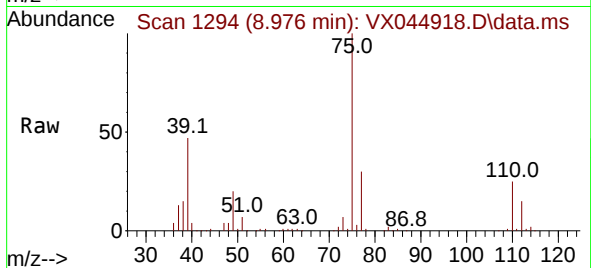
VSTDCCC050EC

Tgt Ion: 75 Resp: 99925
Ion Ratio Lower Upper
75 100
77 30.3 26.0 39.0

Manual Integrations

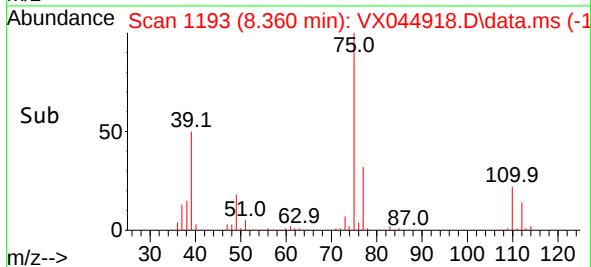
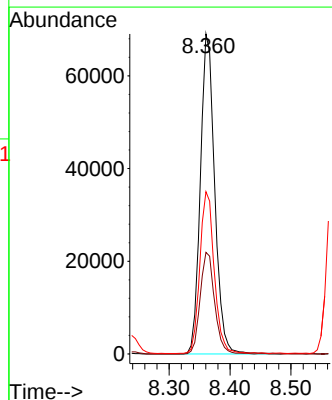
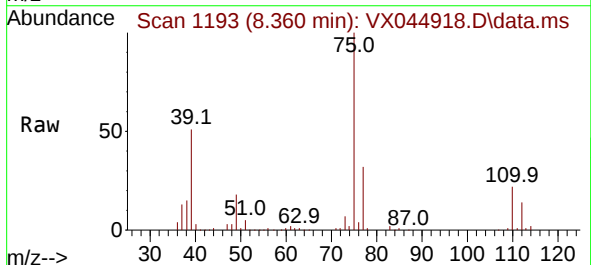
APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#54
cis-1,3-Dichloropropene
Concen: 49.051 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Tgt Ion: 75 Resp: 113036
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 50.5 40.0 60.0





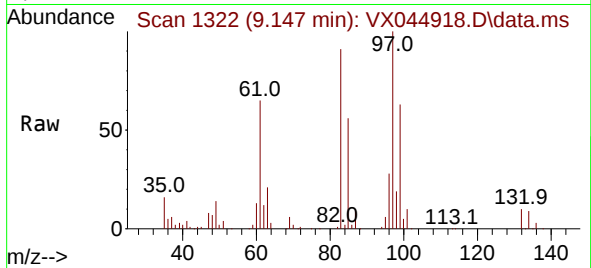
#55
1,1,2-Trichloroethane
Concen: 50.149 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



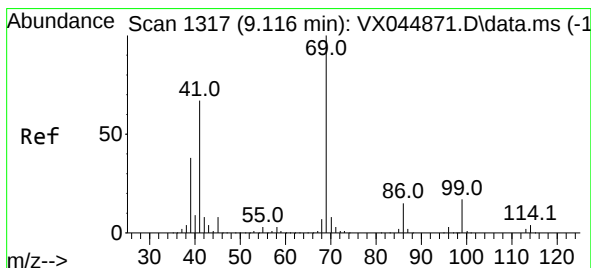
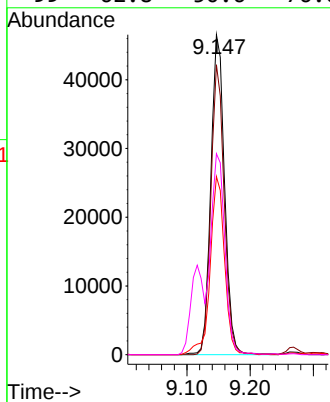
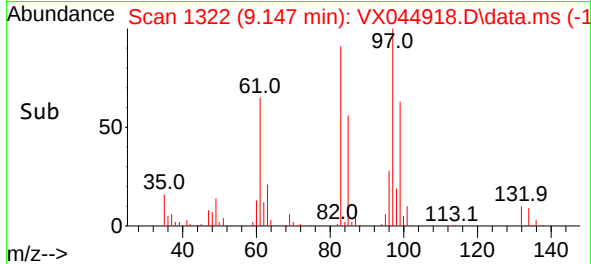
Tgt Ion: 97 Resp: 70192
Ion Ratio Lower Upper
97 100
83 90.6 69.8 104.6
85 55.7 44.8 67.2
99 62.8 50.6 76.0

Manual Integrations

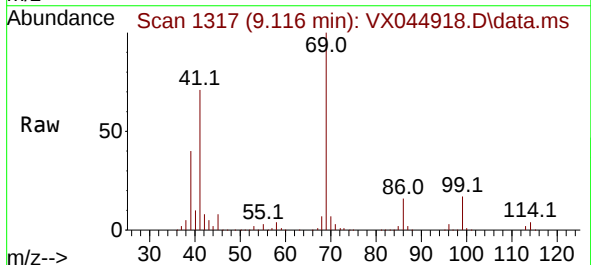
APPROVED

Reviewed By :John Carlone 02/12/2025

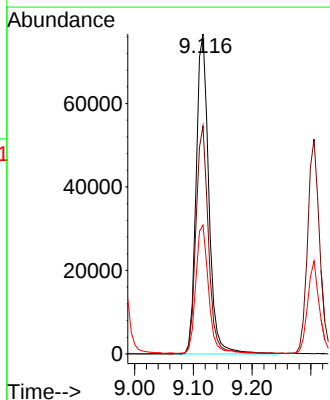
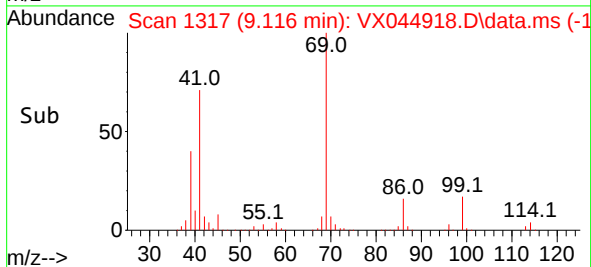
Supervised By :Mahesh Dadoda 02/12/2025

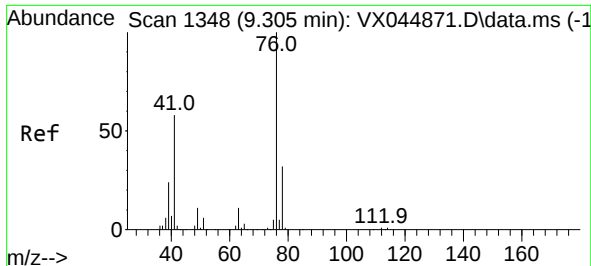


#56
Ethyl methacrylate
Concen: 50.884 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



Tgt Ion: 69 Resp: 115029
Ion Ratio Lower Upper
69 100
41 70.6 55.2 82.8
39 40.3 30.8 46.2





#57

1,3-Dichloropropane

Concen: 50.387 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 123390

Ion Ratio Lower Upper

76 100

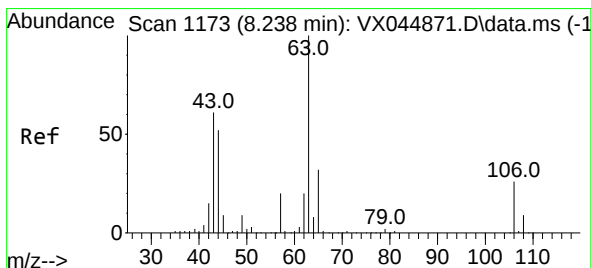
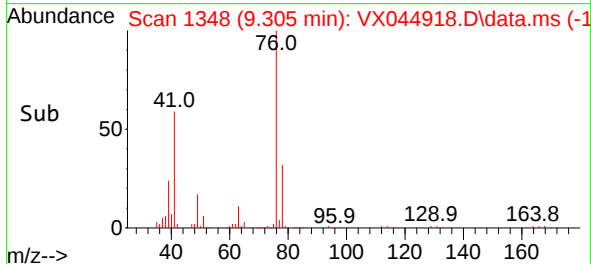
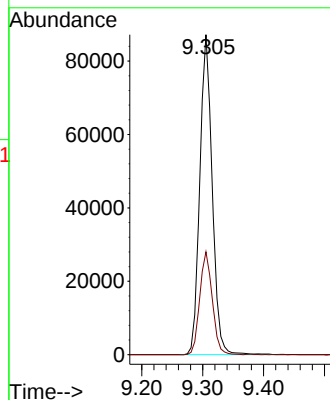
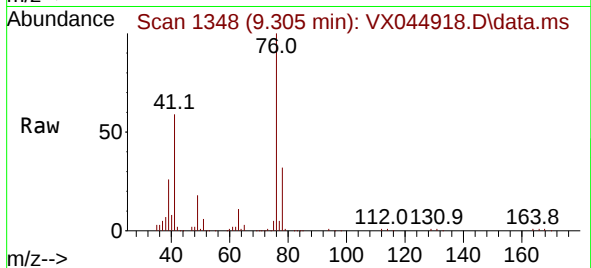
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 262.486 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044918.D

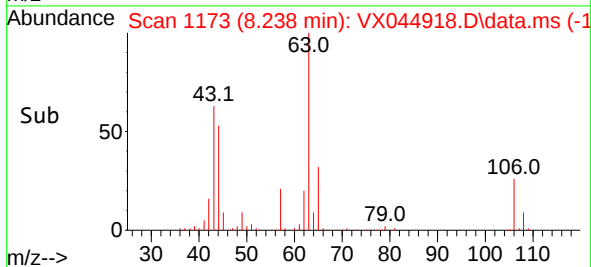
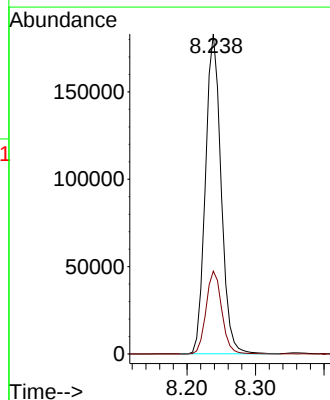
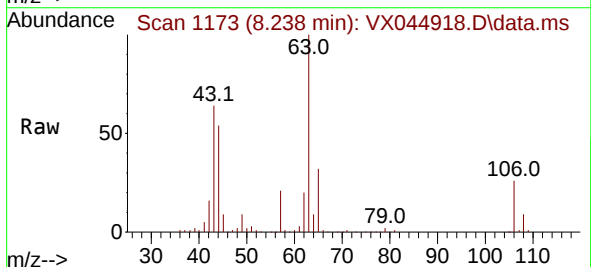
Acq: 11 Feb 2025 19:50

Tgt Ion: 63 Resp: 291354

Ion Ratio Lower Upper

63 100

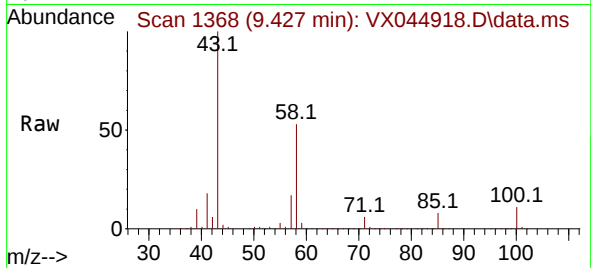
106 26.0 21.3 31.9





#59
2-Hexanone
Concen: 268.451 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

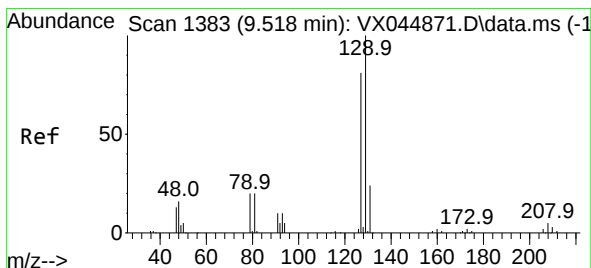
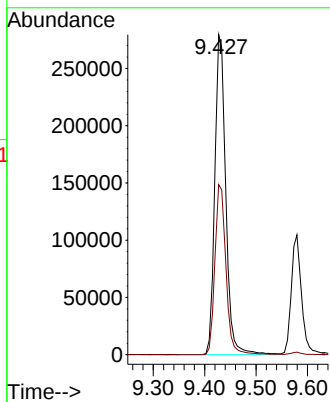
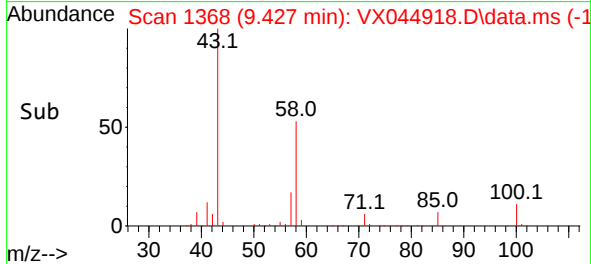
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 413528
Ion Ratio Lower Upper
43 100
58 53.6 27.5 82.4

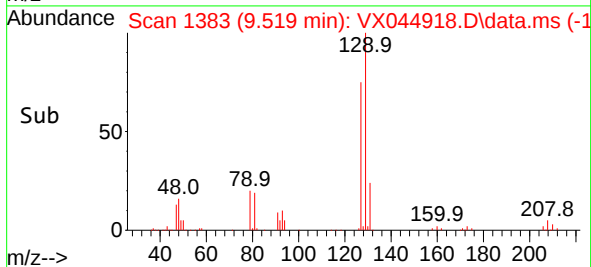
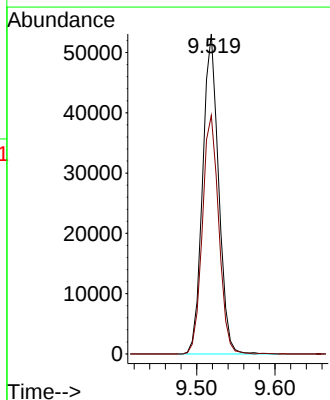
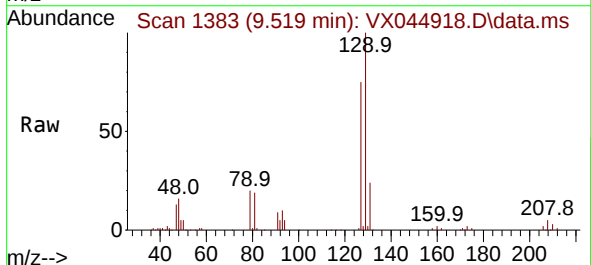
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#60
Dibromochloromethane
Concen: 50.063 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

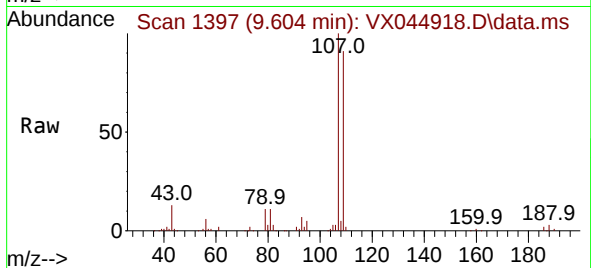
Tgt Ion:129 Resp: 74939
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.3





#61
1,2-Dibromoethane
Concen: 51.047 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

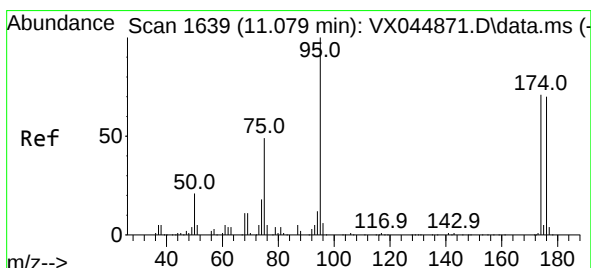
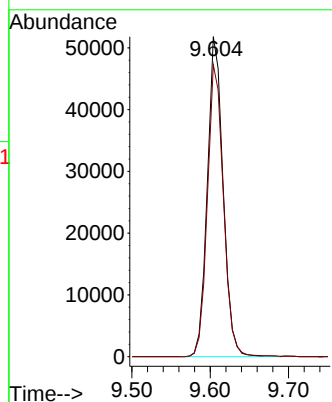
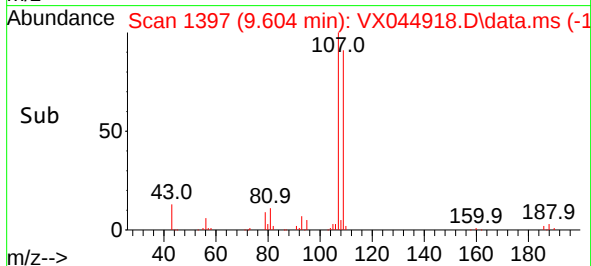
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



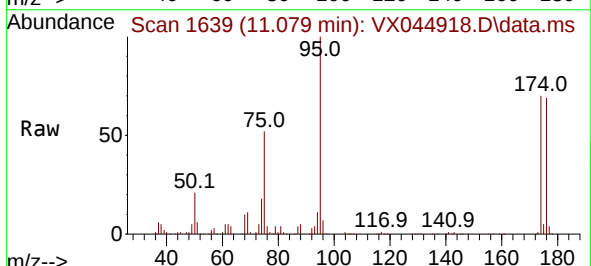
Tgt Ion:107 Resp: 7241
Ion Ratio Lower Upper
107 100
109 92.8 75.9 113.9

Manual Integrations
APPROVED

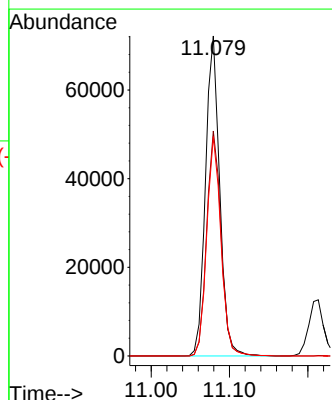
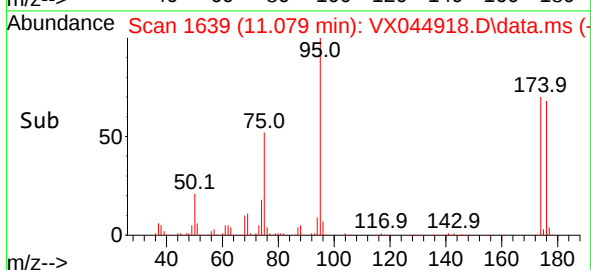
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

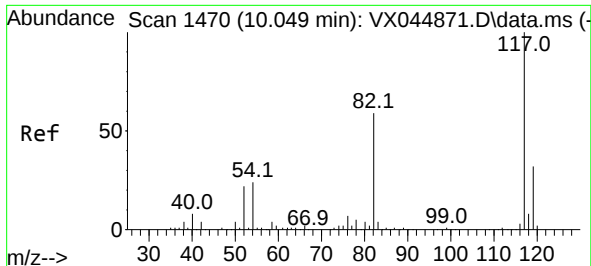


#62
4-Bromofluorobenzene
Concen: 52.355 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



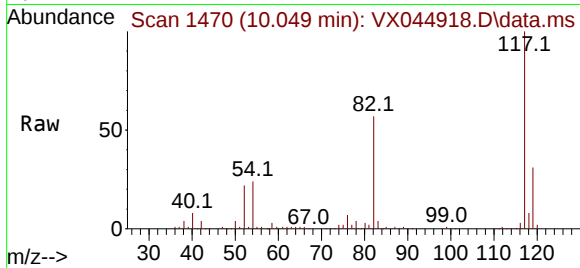
Tgt Ion: 95 Resp: 90574
Ion Ratio Lower Upper
95 100
174 71.4 0.0 142.6
176 68.7 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

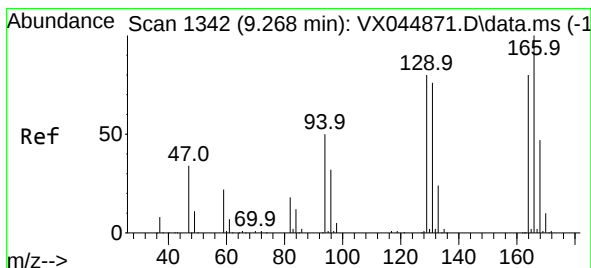
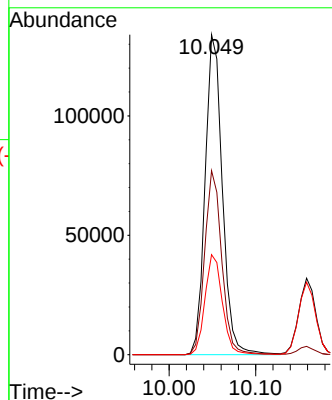
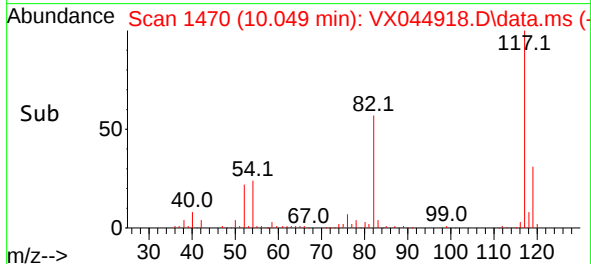
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 185334
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 31.2 25.4 38.0

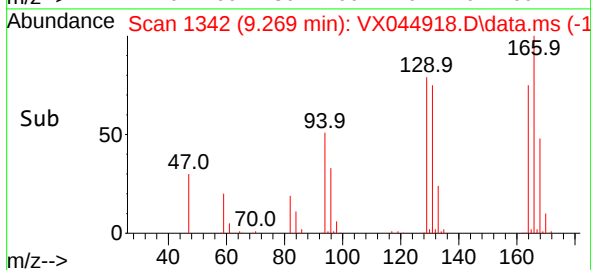
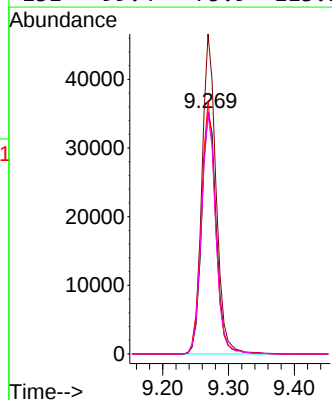
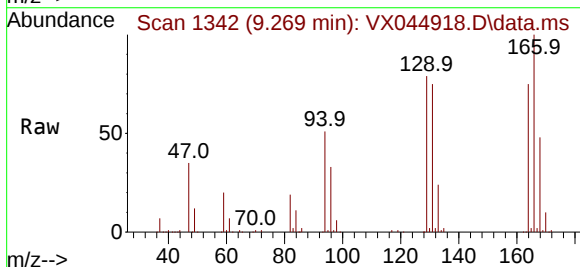
Manual Integrations
APPROVED

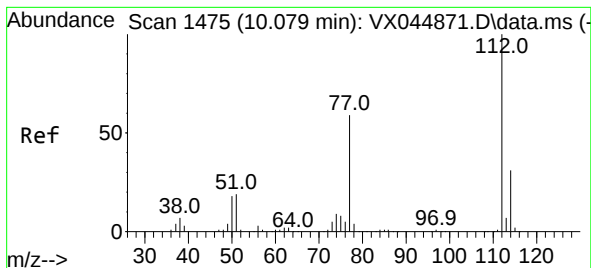
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#64
Tetrachloroethene
Concen: 46.738 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

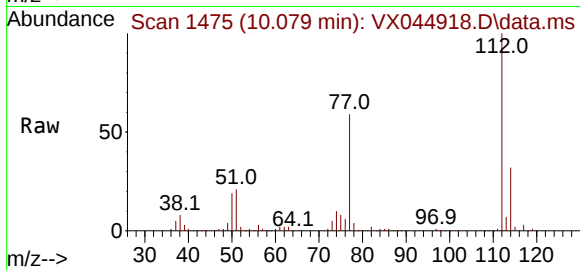
Tgt Ion:164 Resp: 54627
Ion Ratio Lower Upper
164 100
166 132.8 100.4 150.6
129 104.6 79.9 119.9
131 99.4 75.9 113.9





#65
Chlorobenzene
Concen: 48.179 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

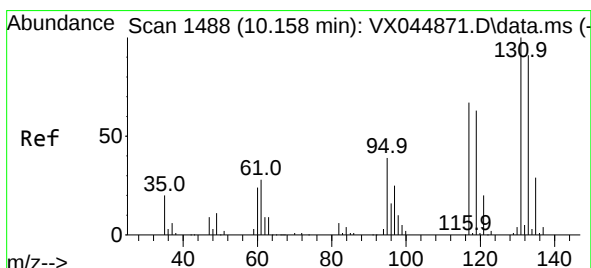
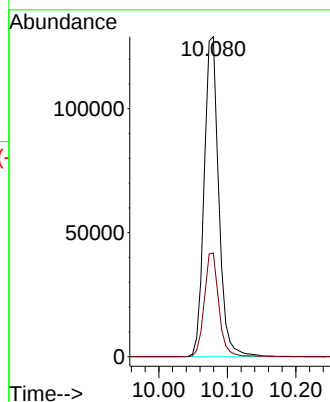
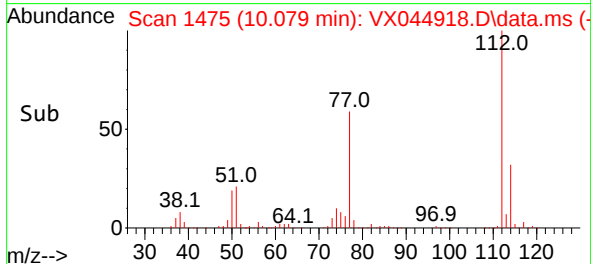
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 191785
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6

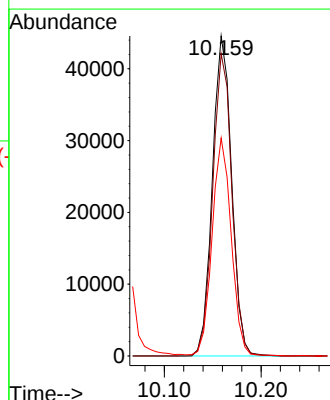
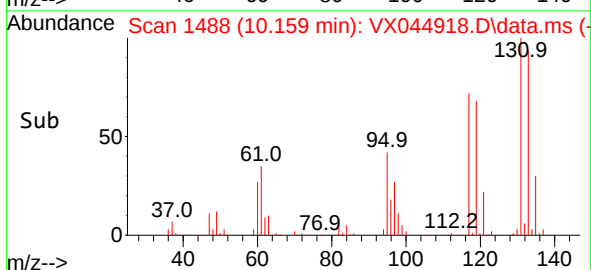
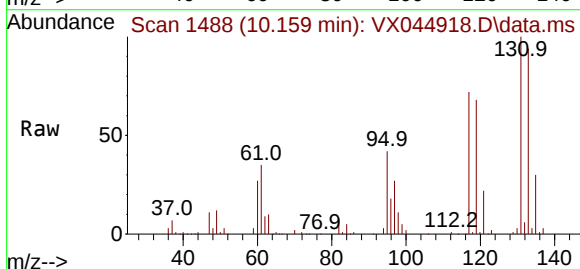
Manual Integrations
APPROVED

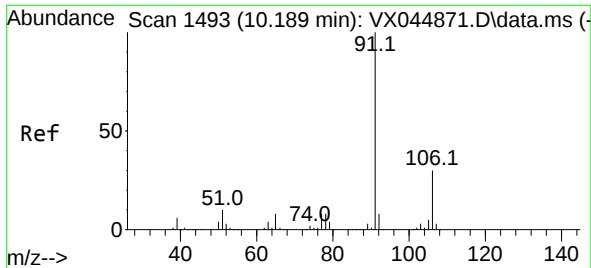
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.081 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

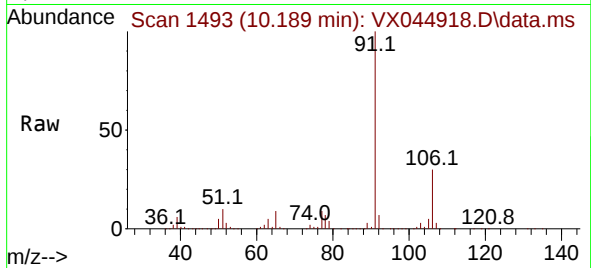
Tgt Ion:131 Resp: 61604
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 67.9 33.6 100.6





#67
Ethyl Benzene
Concen: 49.286 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

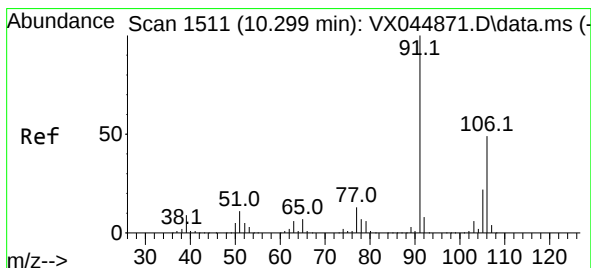
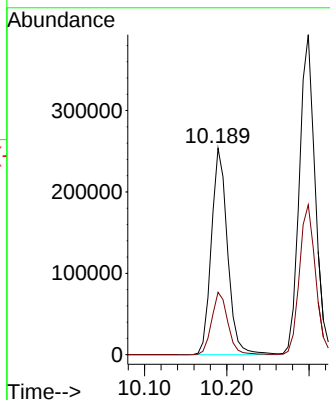
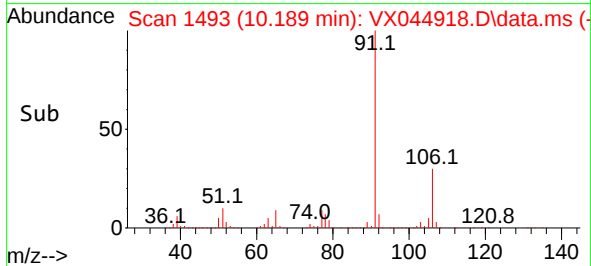
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



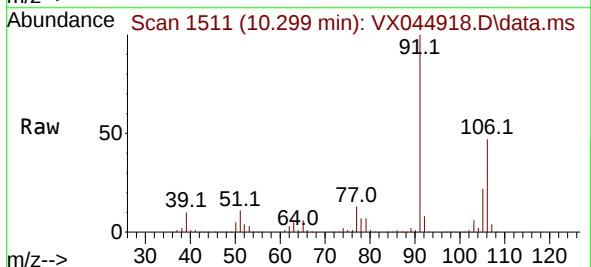
Tgt Ion: 91 Resp: 346217
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

Manual Integrations
APPROVED

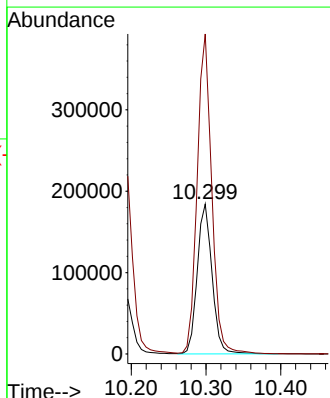
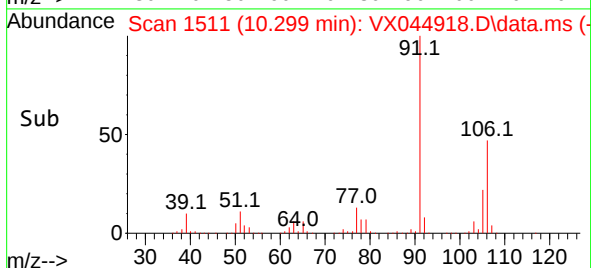
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

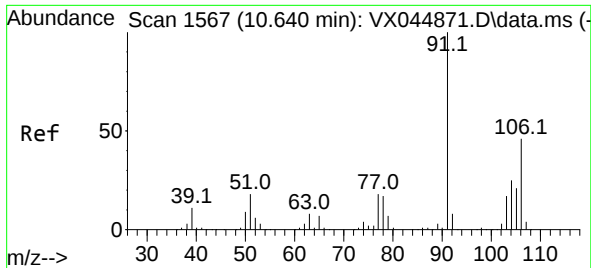


#68
m/p-Xylenes
Concen: 97.924 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



Tgt Ion:106 Resp: 253750
Ion Ratio Lower Upper
106 100
91 209.5 164.3 246.5





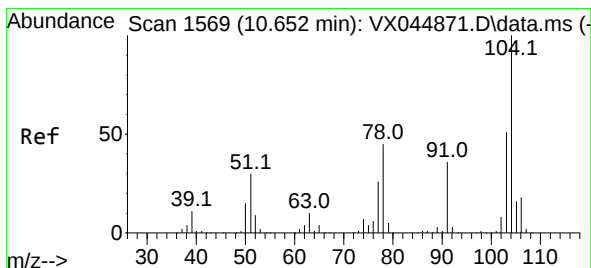
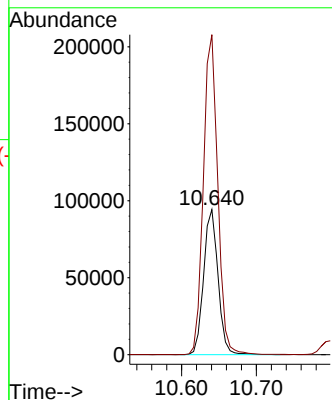
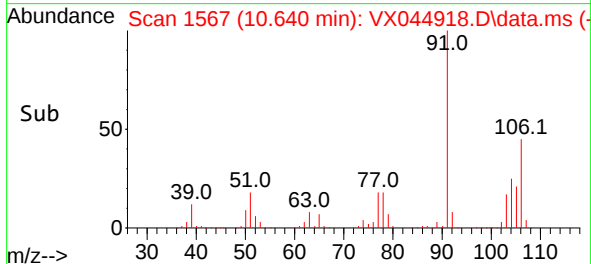
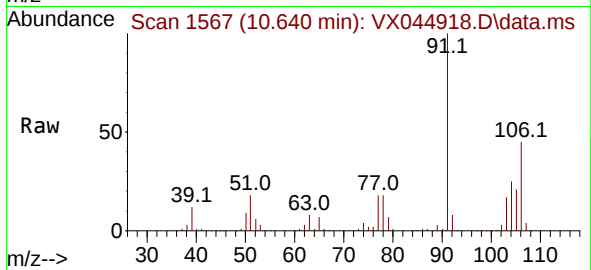
#69
o-Xylene
Concen: 48.465 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 126010
Ion Ratio Lower Upper
106 100
91 220.1 108.5 325.5

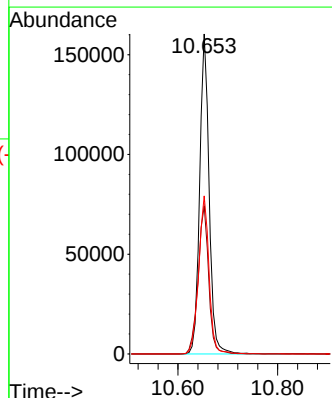
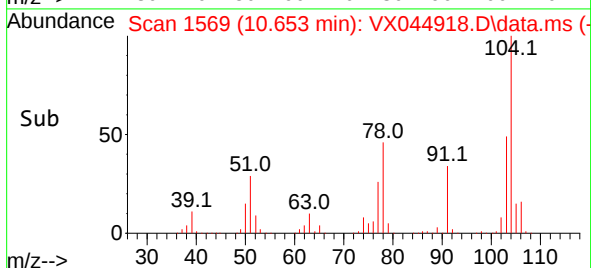
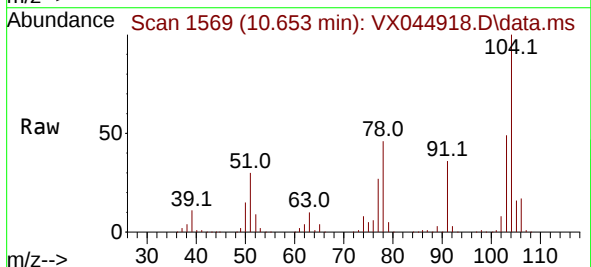
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#70
Styrene
Concen: 50.389 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Tgt Ion:104 Resp: 211083
Ion Ratio Lower Upper
104 100
78 51.6 40.5 60.7
103 54.6 43.6 65.4





#71

Bromoform

Concen: 49.045 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

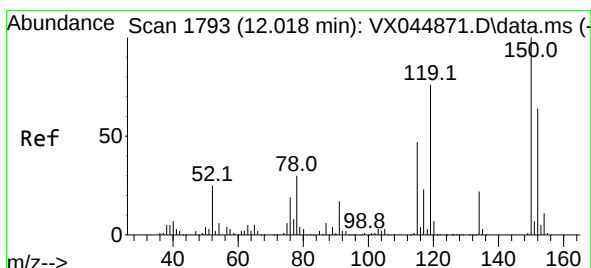
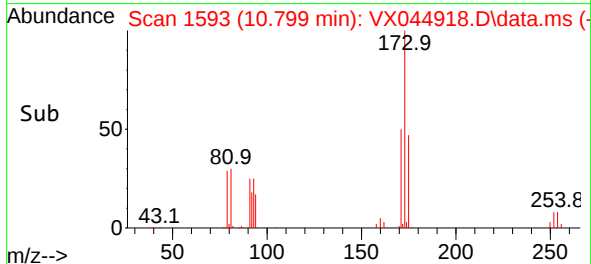
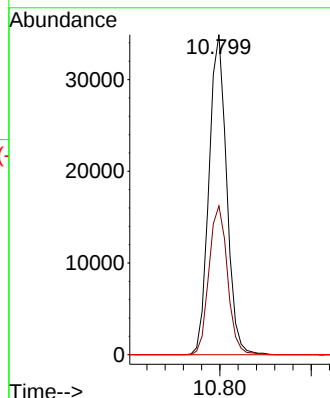
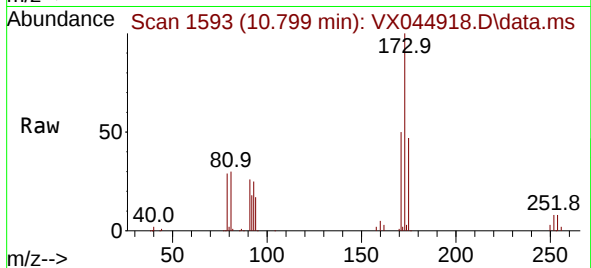
Tgt Ion:173 Resp: 4689
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.3 72.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

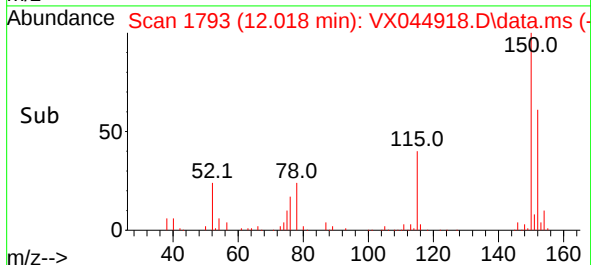
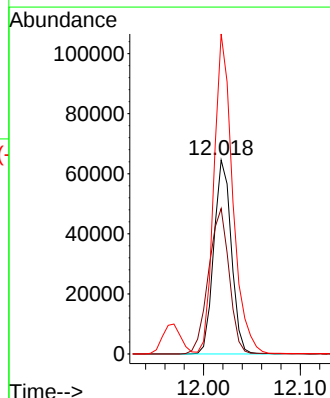
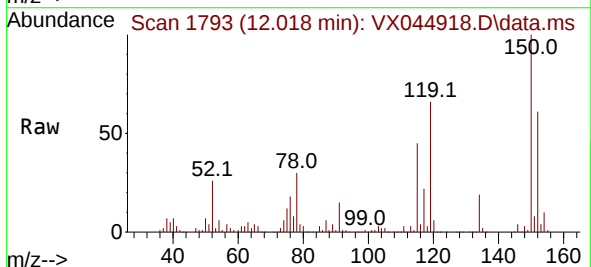
RT: 12.018 min Scan# 1793

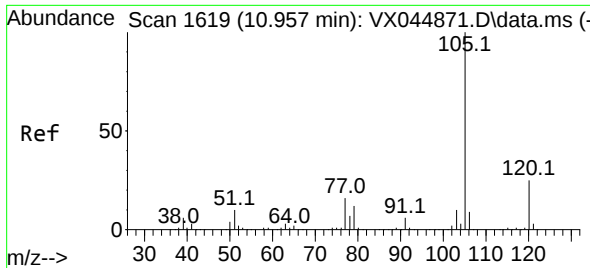
Delta R.T. 0.000 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

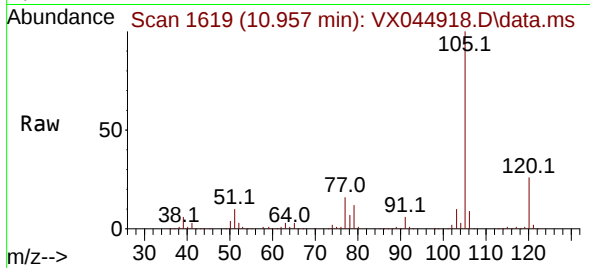
Tgt Ion:152 Resp: 80910
 Ion Ratio Lower Upper
 152 100
 115 88.6 43.4 130.1
 150 177.4 0.0 350.4





#73
Isopropylbenzene
Concen: 49.916 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

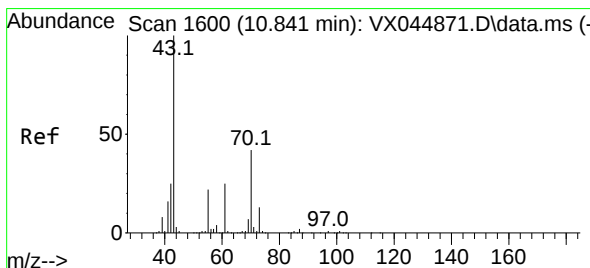
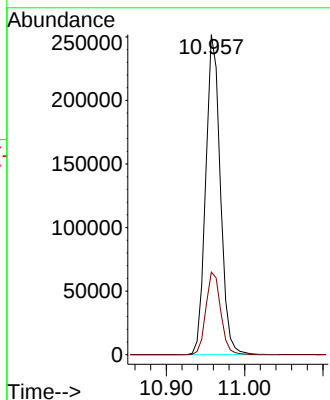
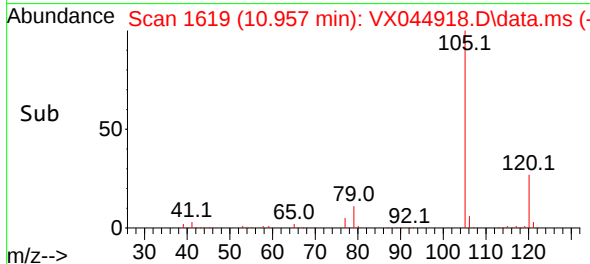
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



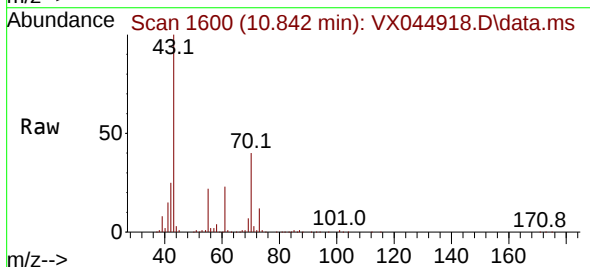
Tgt Ion:105 Resp: 32519
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

Manual Integrations
APPROVED

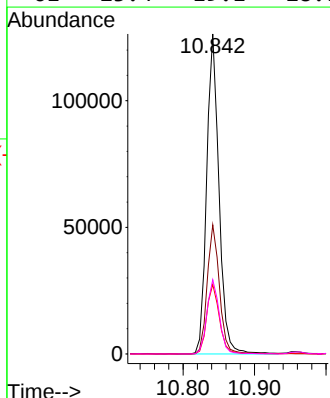
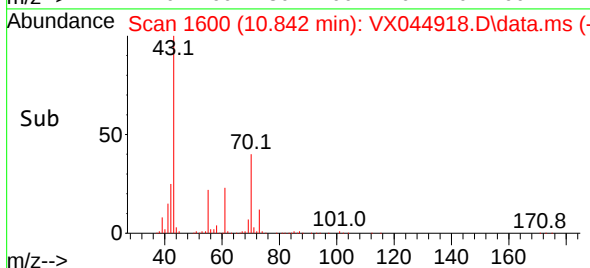
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#74
N-ethyl acetate
Concen: 51.312 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



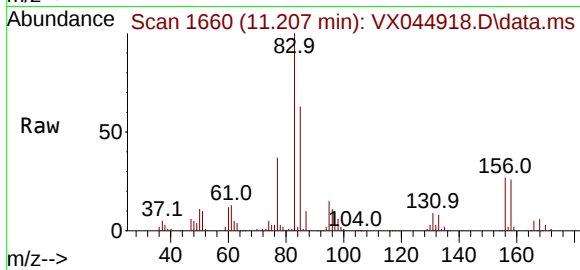
Tgt Ion: 43 Resp: 151270
Ion Ratio Lower Upper
43 100
70 40.2 33.7 50.5
55 22.5 18.6 27.8
61 23.4 19.1 28.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.048 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

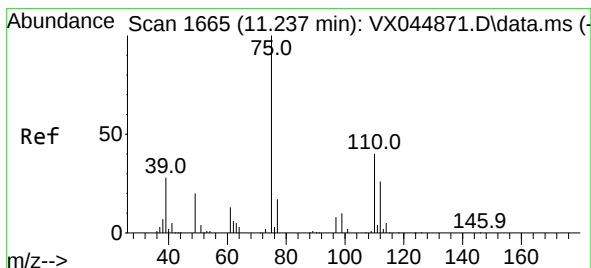
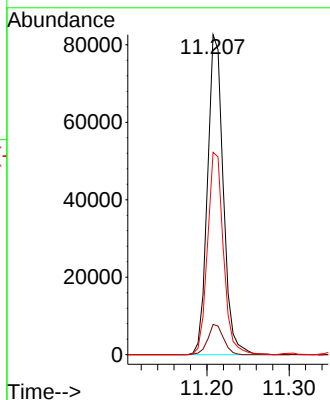
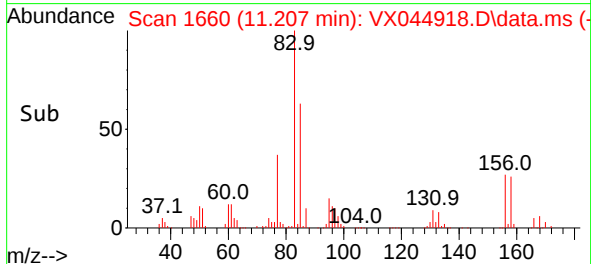
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



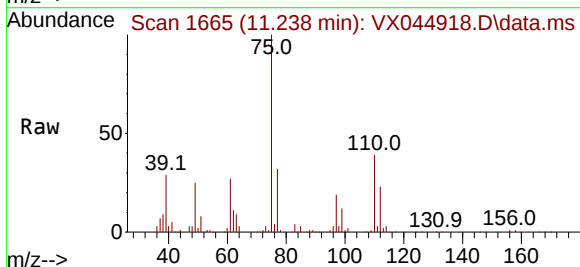
Tgt Ion: 83 Resp: 10980
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 63.9 32.3 96.8

Manual Integrations
APPROVED

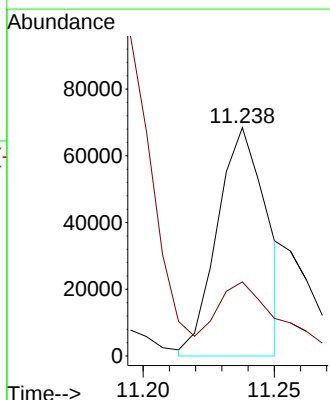
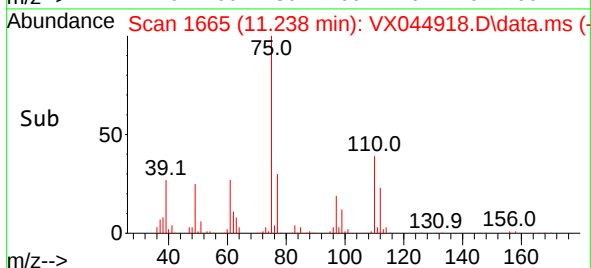
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

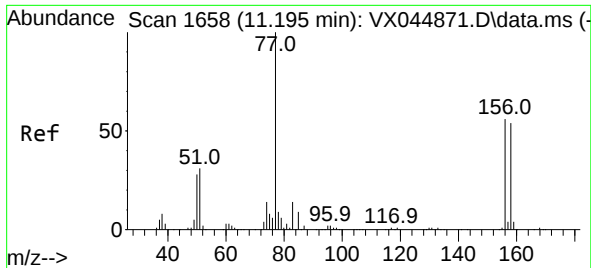


#76
1,2,3-Trichloropropane
Concen: 49.852 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



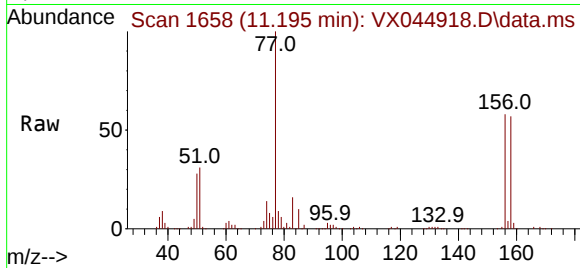
Tgt Ion: 75 Resp: 89430
Ion Ratio Lower Upper
75 100
77 42.2 21.9 65.7





#77
Bromobenzene
Concen: 49.464 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

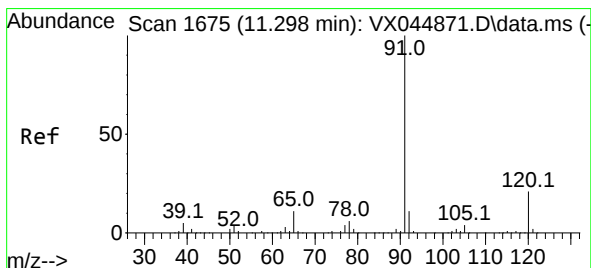
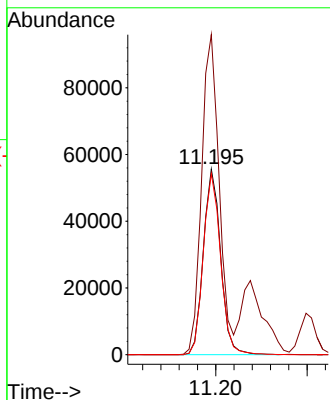
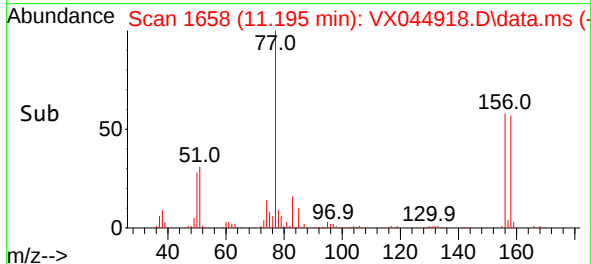
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



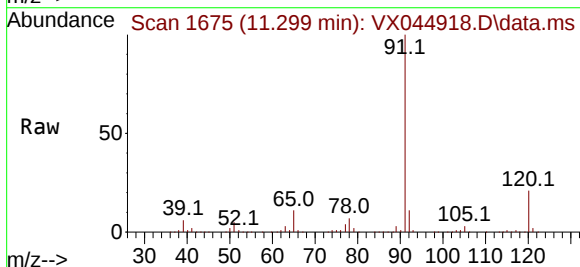
Tgt Ion:156 Resp: 73059
Ion Ratio Lower Upper
156 100
77 174.7 88.4 265.3
158 97.7 48.4 145.2

Manual Integrations
APPROVED

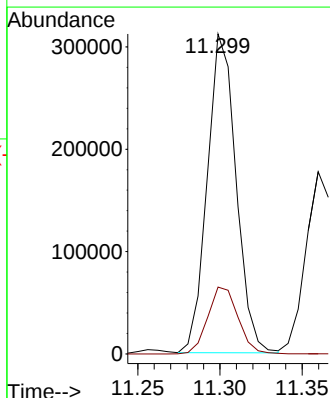
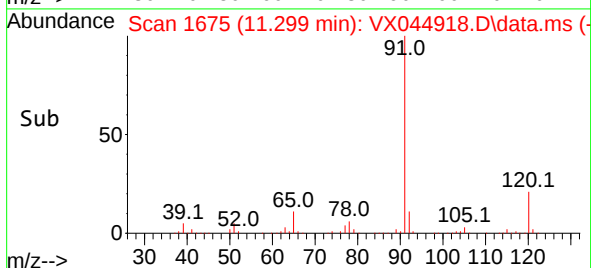
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#78
n-propylbenzene
Concen: 50.468 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



Tgt Ion: 91 Resp: 379500
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





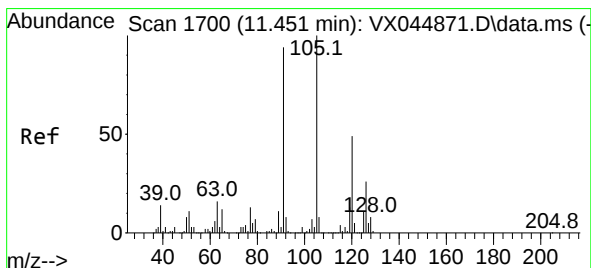
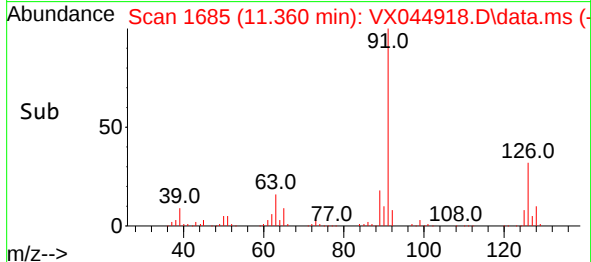
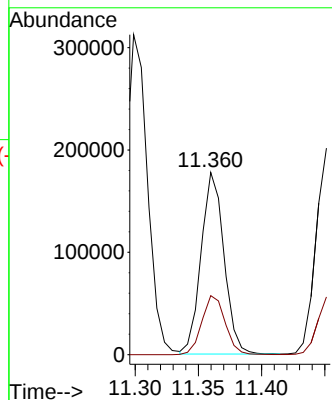
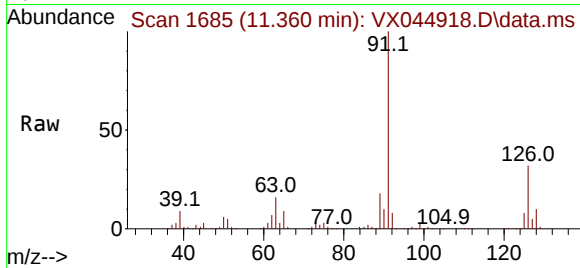
#79
2-Chlorotoluene
Concen: 48.410 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 22372
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

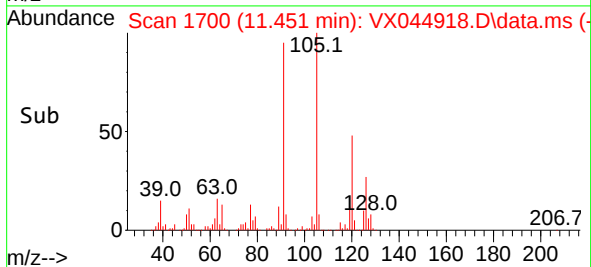
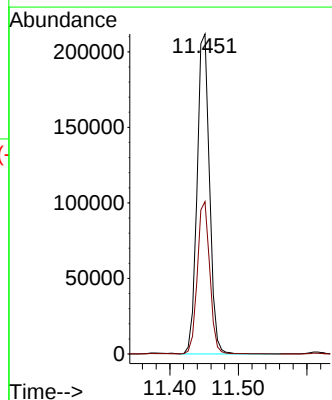
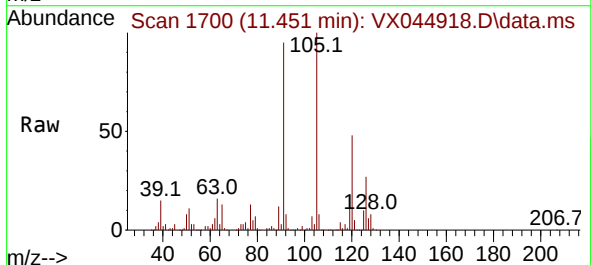
Manual Integrations
APPROVED

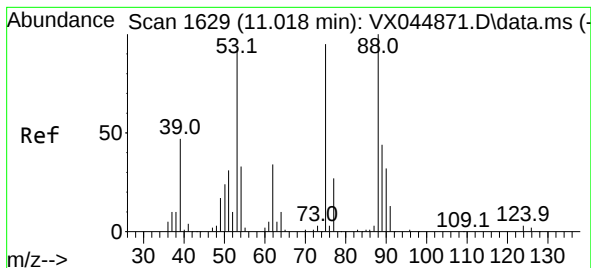
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.528 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Tgt Ion:105 Resp: 267127
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0





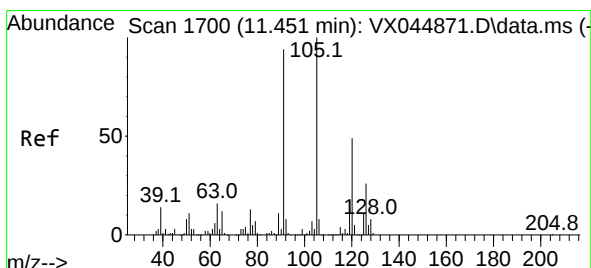
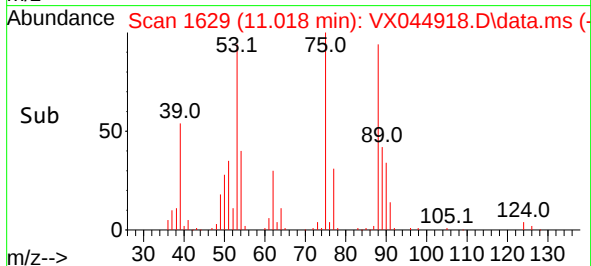
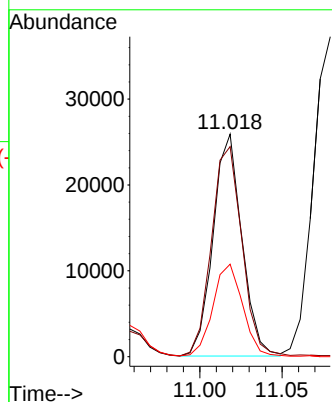
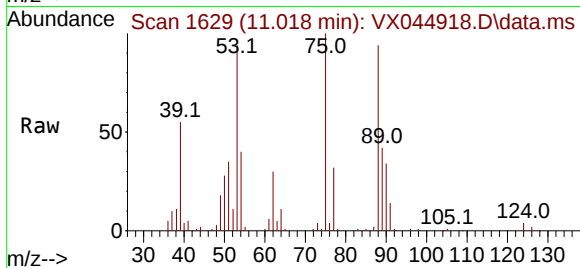
#81
trans-1,4-Dichloro-2-butene
Concen: 45.171 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3150
Ion Ratio Lower Upper
75 100
53 101.4 78.0 117.0
89 43.6 36.6 54.8

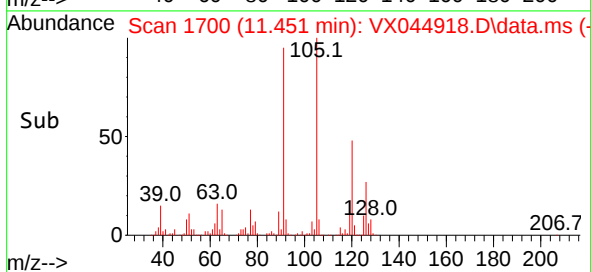
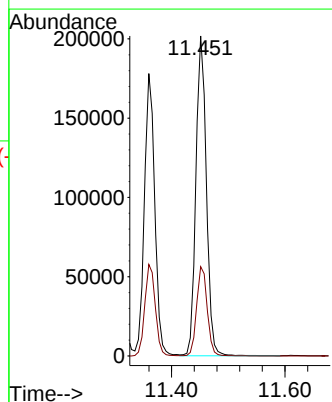
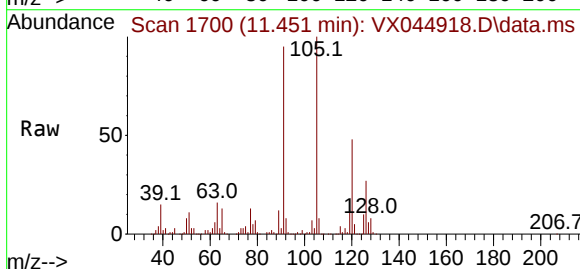
Manual Integrations
APPROVED

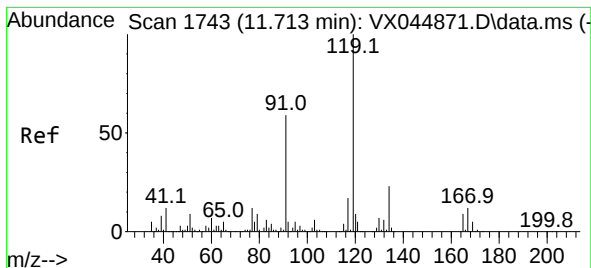
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#82
4-Chlorotoluene
Concen: 50.364 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

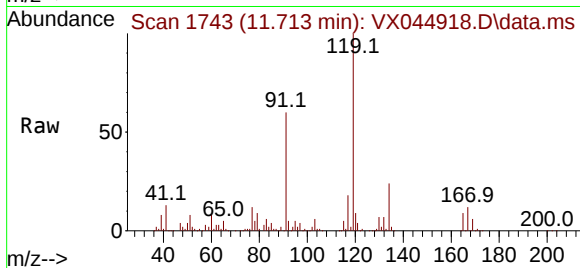
Tgt Ion: 91 Resp: 257507
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.697 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

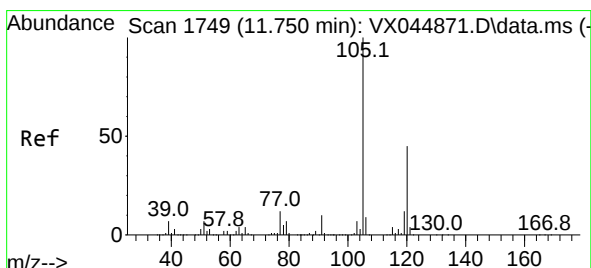
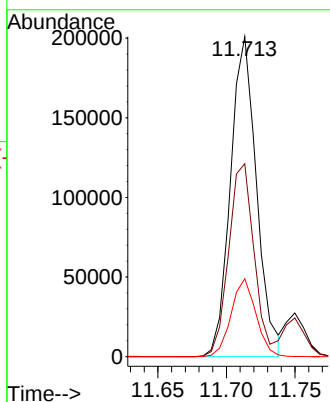
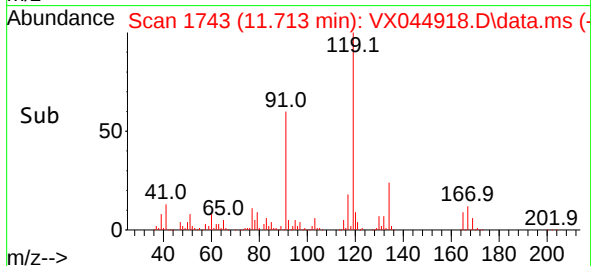
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



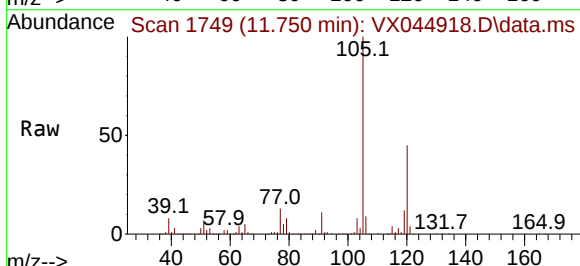
Tgt Ion:119 Resp: 265793
Ion Ratio Lower Upper
119 100
91 58.4 29.1 87.4
134 23.2 11.5 34.5

Manual Integrations
APPROVED

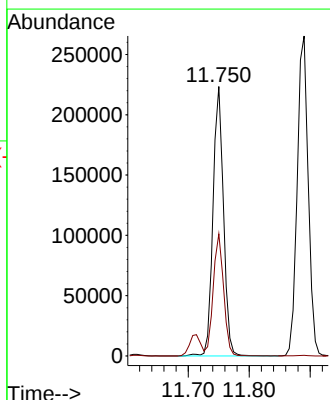
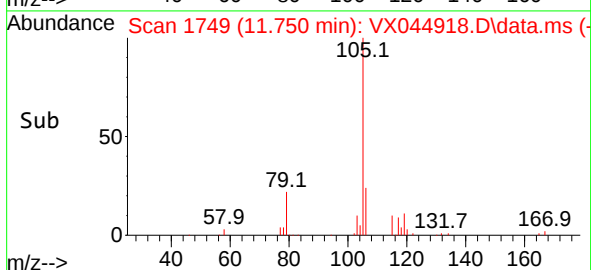
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

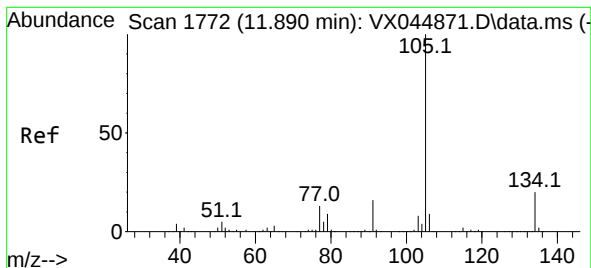


#84
1,2,4-Trimethylbenzene
Concen: 51.168 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



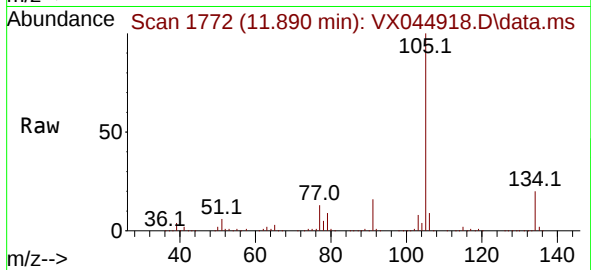
Tgt Ion:105 Resp: 266991
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 50.433 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044918.D
 Acq: 11 Feb 2025 19:50

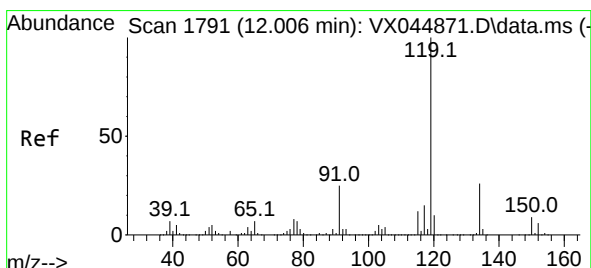
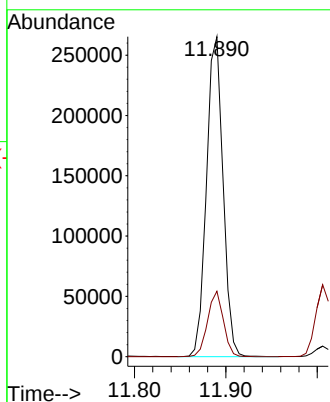
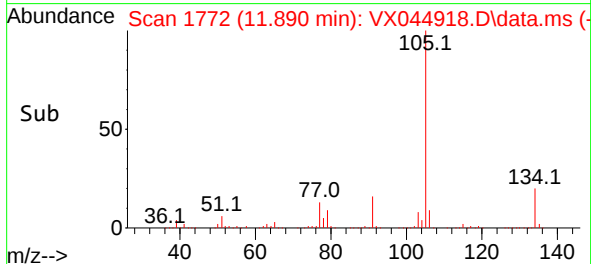
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



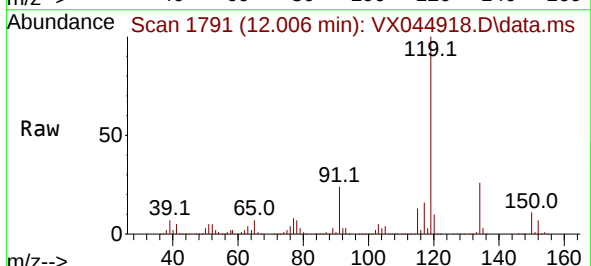
Tgt Ion:105 Resp: 334004
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

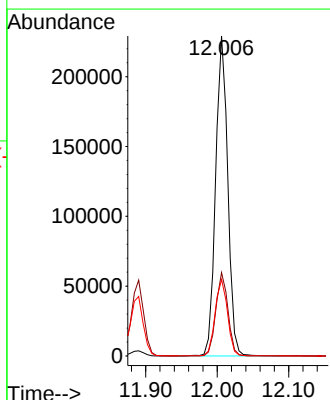
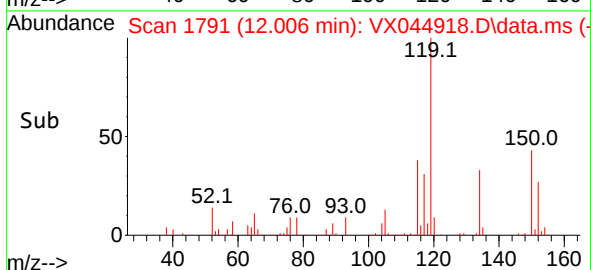
Reviewed By :John Carlone 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

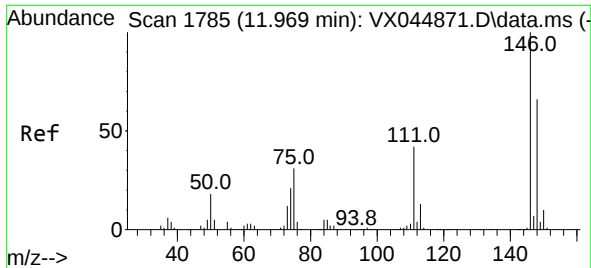


#86
 p-Isopropyltoluene
 Concen: 50.599 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044918.D
 Acq: 11 Feb 2025 19:50



Tgt Ion:119 Resp: 269485
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.692 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 132254

Ion Ratio Lower Upper

146 100

111 42.8 21.2 63.6

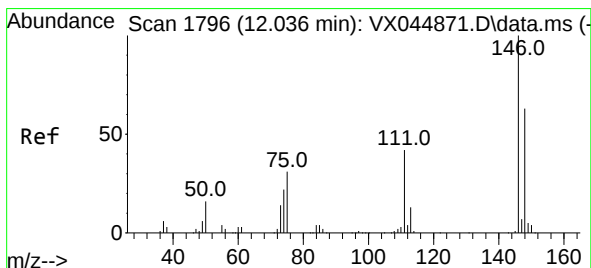
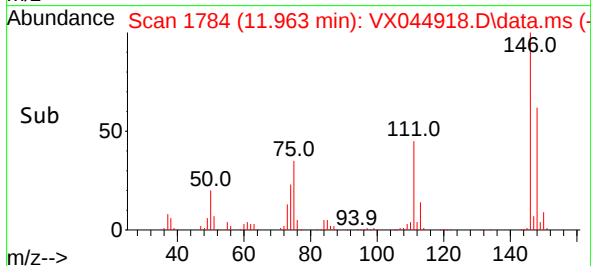
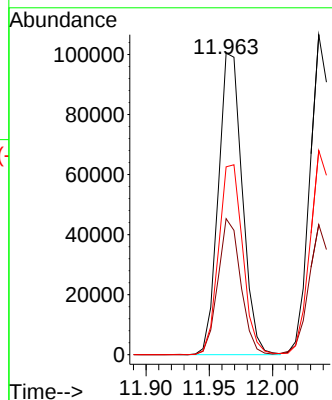
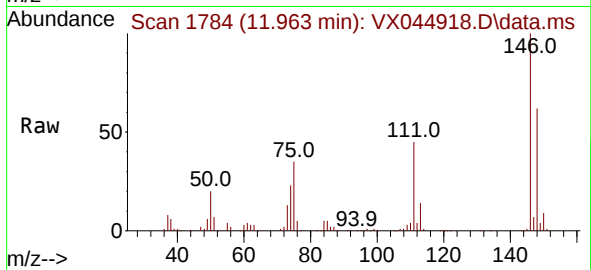
148 63.5 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#88

1,4-Dichlorobenzene

Concen: 48.007 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

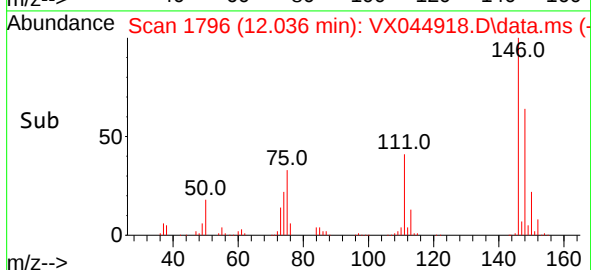
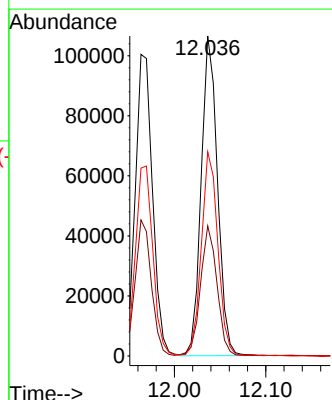
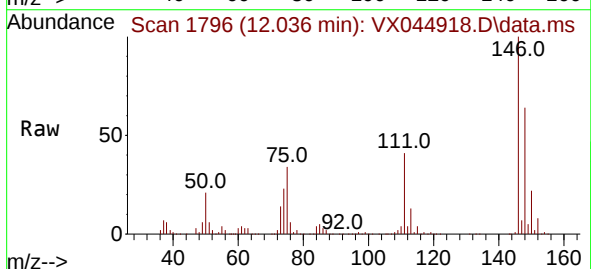
Tgt Ion:146 Resp: 131837

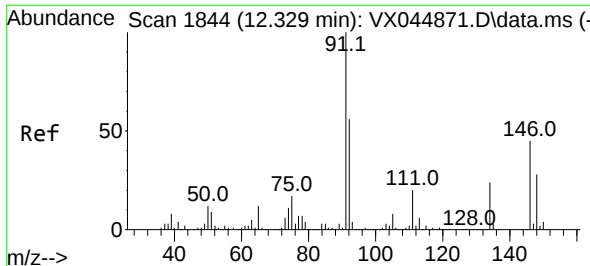
Ion Ratio Lower Upper

146 100

111 41.2 20.4 61.3

148 64.9 32.0 96.0





#89

n-Butylbenzene

Concen: 51.376 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044918.D

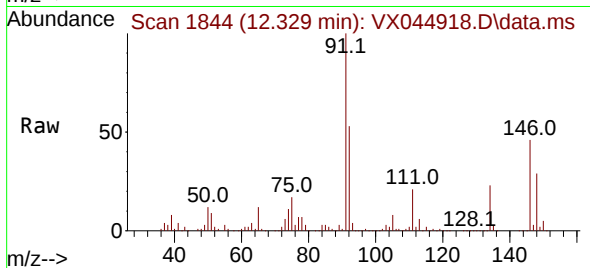
Acq: 11 Feb 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 91 Resp: 242069

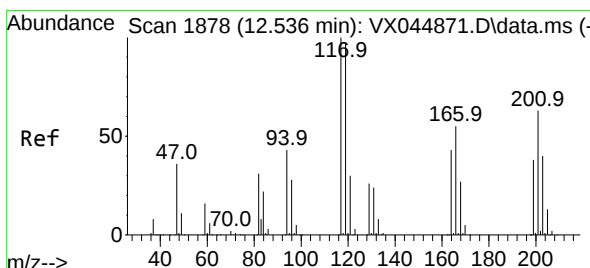
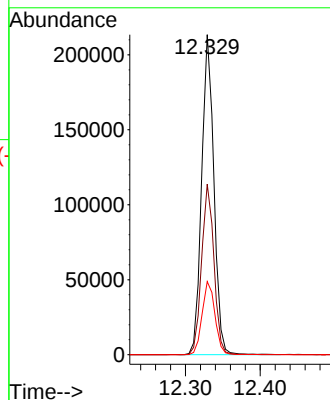
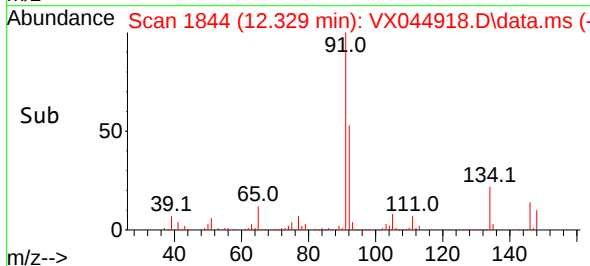
Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	24.1	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#90

Hexachloroethane

Concen: 47.657 ug/l

RT: 12.536 min Scan# 1878

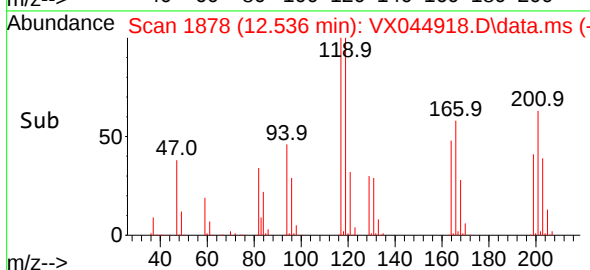
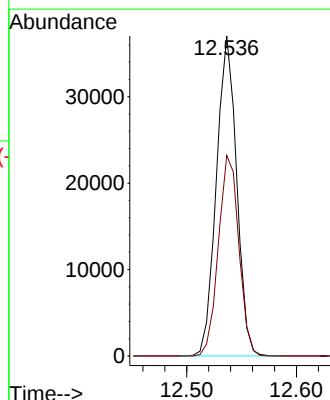
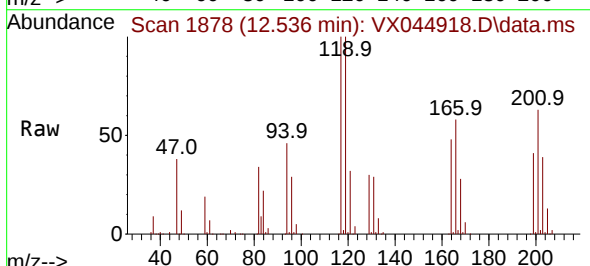
Delta R.T. 0.000 min

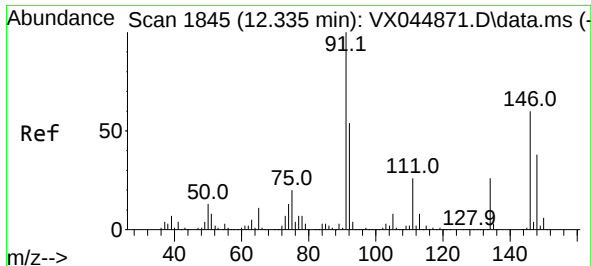
Lab File: VX044918.D

Acq: 11 Feb 2025 19:50

Tgt Ion:117 Resp: 47525

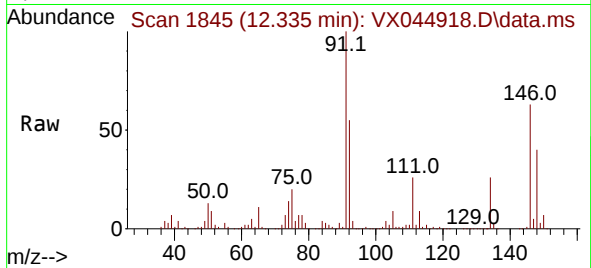
Ion	Ratio	Lower	Upper
117	100		
201	63.3	32.5	97.5





#91
1,2-Dichlorobenzene
Concen: 50.047 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

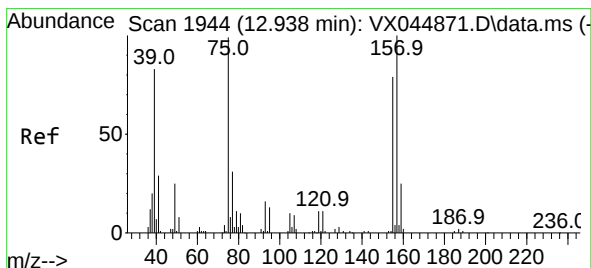
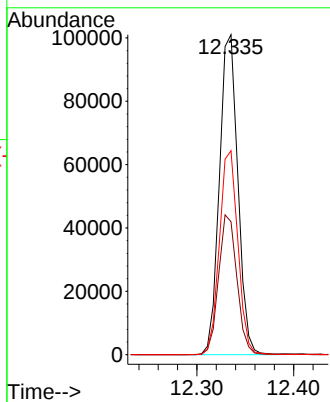
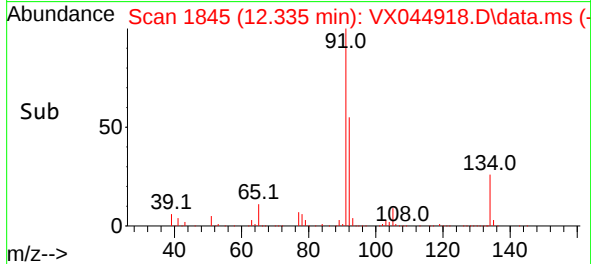
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



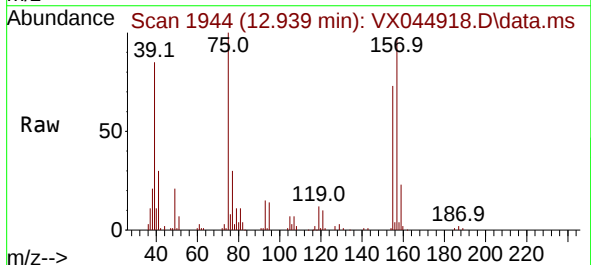
Tgt Ion:146 Resp: 13359
Ion Ratio Lower Upper
146 100
111 43.5 21.8 65.4
148 63.7 31.9 95.9

Manual Integrations
APPROVED

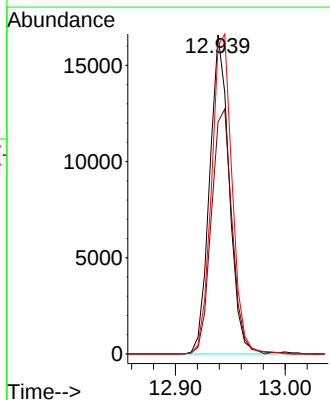
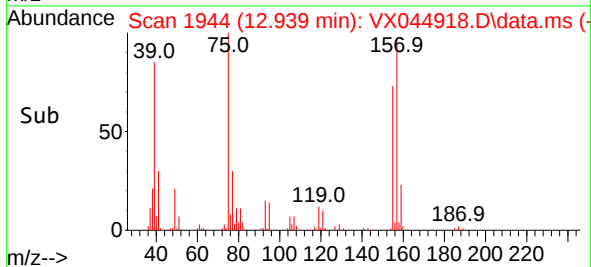
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

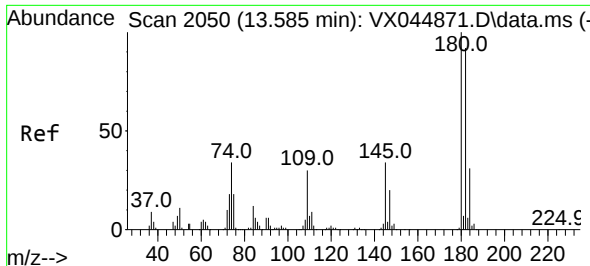


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.565 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



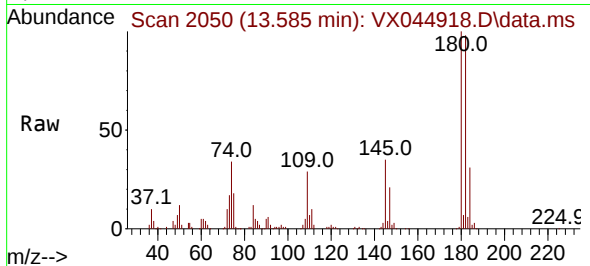
Tgt Ion: 75 Resp: 20660
Ion Ratio Lower Upper
75 100
155 80.9 40.5 121.4
157 104.9 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 49.345 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

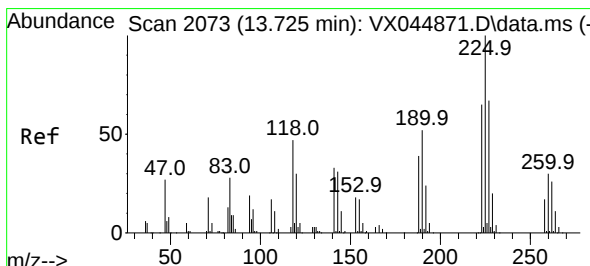
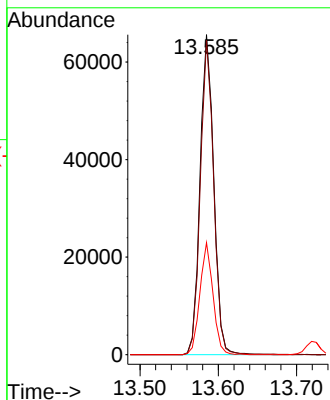
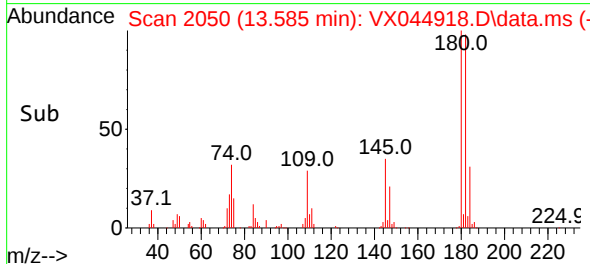
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



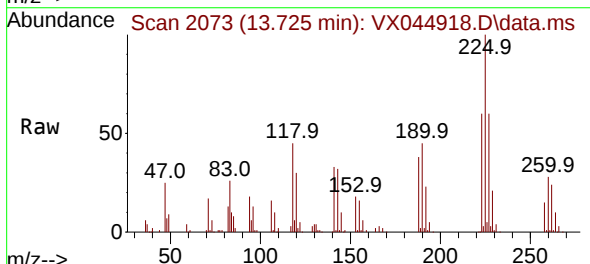
Tgt Ion:180 Resp: 79700
Ion Ratio Lower Upper
180 100
182 95.4 47.6 142.8
145 33.5 16.4 49.1

Manual Integrations
APPROVED

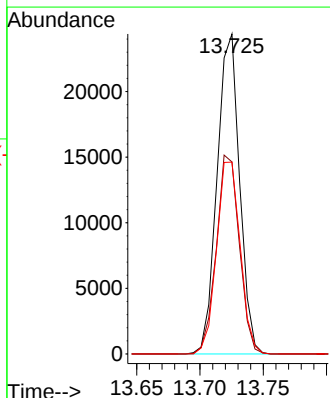
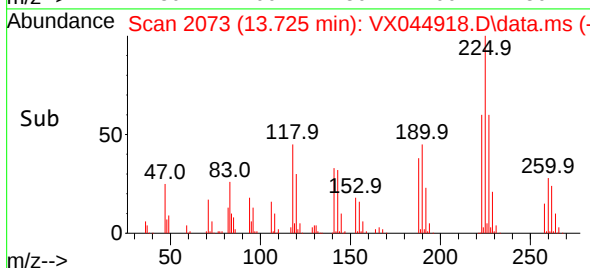
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

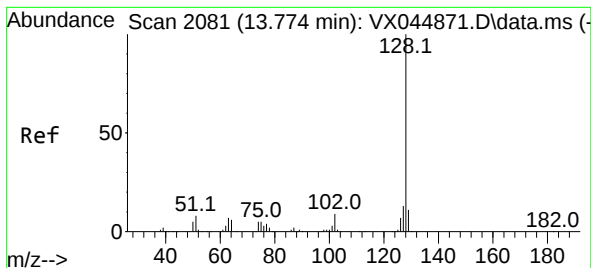


#94
Hexachlorobutadiene
Concen: 46.929 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



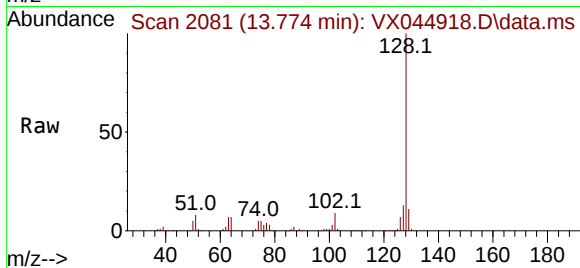
Tgt Ion:225 Resp: 30093
Ion Ratio Lower Upper
225 100
223 63.5 31.4 94.2
227 63.0 32.3 96.8





#95
Naphthalene
Concen: 51.251 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50

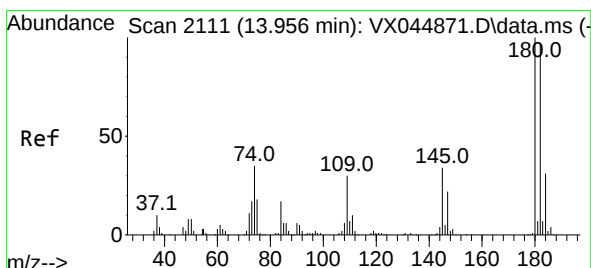
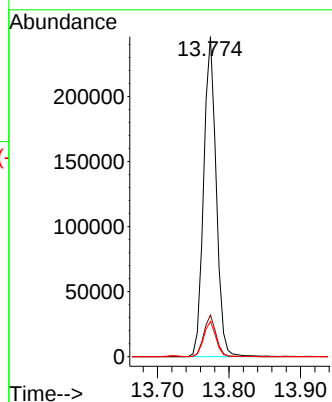
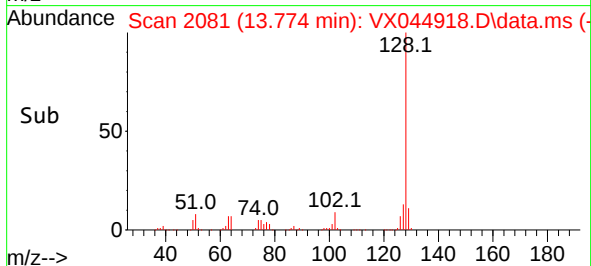
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



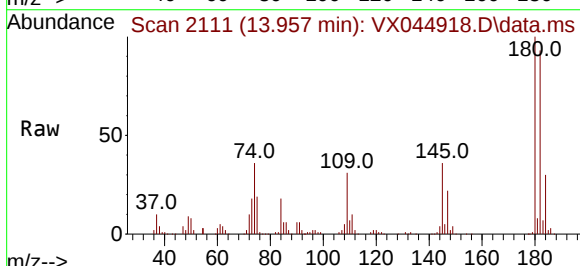
Tgt Ion:128 Resp: 299250
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.658 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044918.D
Acq: 11 Feb 2025 19:50



Tgt Ion:180 Resp: 80826
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.6
145 35.0 17.1 51.3

