

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044924.D
 Acq On : 12 Feb 2025 11:46
 Operator : JC/MD
 Sample : VX0212WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Feb 13 00:48:29 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	109124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	195530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80512	50.403	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.800%			
35) Dibromofluoromethane	5.379	113	62877	49.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.920%			
50) Toluene-d8	8.647	98	237599	49.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.079	95	82362	50.822	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28368	18.535	ug/l	98
3) Chloromethane	1.300	50	32731	17.571	ug/l	97
4) Vinyl Chloride	1.374	62	30493	16.897	ug/l	99
5) Bromomethane	1.593	94	10500	19.444	ug/l	96
6) Chloroethane	1.666	64	16764	22.039	ug/l	96
7) Trichlorofluoromethane	1.874	101	42415	18.586	ug/l	98
8) Diethyl Ether	2.130	74	15579	18.823	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	25639	18.594	ug/l	98
10) Methyl Iodide	2.447	142	33551	18.775	ug/l	98
11) Tert butyl alcohol	2.977	59	28954	97.705	ug/l	100
12) 1,1-Dichloroethene	2.312	96	24602	17.491	ug/l	98
13) Acrolein	2.233	56	33787	110.506	ug/l	99
14) Allyl chloride	2.654	41	45724	17.988	ug/l	96
15) Acrylonitrile	3.062	53	78273	98.927	ug/l	100
16) Acetone	2.380	43	63063	98.205	ug/l	100
17) Carbon Disulfide	2.501	76	64096	16.618	ug/l	100
18) Methyl Acetate	2.703	43	40286	19.880	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	83480	18.654	ug/l	99
20) Methylene Chloride	2.782	84	29005	18.440	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	24931	18.010	ug/l	99
22) Diisopropyl ether	3.757	45	90509	18.821	ug/l	92
23) Vinyl Acetate	3.715	43	368403	93.966	ug/l	99
24) 1,1-Dichloroethane	3.605	63	50302	18.694	ug/l	99
25) 2-Butanone	4.556	43	103530	99.286	ug/l	96
26) 2,2-Dichloropropane	4.465	77	37530	17.587	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	30826	18.539	ug/l	100
28) Bromochloromethane	4.891	49	23310	18.026	ug/l	100
29) Tetrahydrofuran	5.001	42	68341	98.700	ug/l	99
30) Chloroform	5.086	83	48606	18.626	ug/l	94
31) Cyclohexane	5.458	56	44168	17.805	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	40279	18.197	ug/l	99
36) 1,1-Dichloropropene	5.684	75	33377	18.198	ug/l	100
37) Ethyl Acetate	4.708	43	39407	19.317	ug/l	100
38) Carbon Tetrachloride	5.672	117	33581	18.684	ug/l	97
39) Methylcyclohexane	7.373	83	46041	19.417	ug/l	99
40) Benzene	6.031	78	108219	18.896	ug/l	99

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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	22151	20.286	ug/l	97
42) 1,2-Dichloroethane	6.080	62	36480	19.986	ug/l	98
43) Isopropyl Acetate	6.336	43	63766	19.356	ug/l	99
44) Trichloroethene	7.123	130	24516	18.728	ug/l	97
45) 1,2-Dichloropropane	7.421	63	27915	19.592	ug/l	96
46) Dibromomethane	7.580	93	19165	19.396	ug/l	98
47) Bromodichloromethane	7.818	83	36997	19.337	ug/l	98
48) Methyl methacrylate	7.690	41	31202	20.087	ug/l	97
49) 1,4-Dioxane	7.665	88	14026	420.866	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	212510	106.108	ug/l	97
52) Toluene	8.714	92	66094	19.378	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	34442	17.789	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	41592	19.267	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	26607	20.293	ug/l	97
56) Ethyl methacrylate	9.116	69	40596	19.170	ug/l	98
57) 1,3-Dichloropropane	9.305	76	46702	20.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	103937	99.959	ug/l	100
59) 2-Hexanone	9.427	43	153073	106.078	ug/l	97
60) Dibromochloromethane	9.518	129	26674	19.022	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26006	19.569	ug/l	98
64) Tetrachloroethene	9.269	164	20728	19.003	ug/l	97
65) Chlorobenzene	10.073	112	70760	19.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	22330	18.675	ug/l	97
67) Ethyl Benzene	10.189	91	124767	19.032	ug/l	99
68) m/p-Xylenes	10.299	106	93995	38.868	ug/l	99
69) o-Xylene	10.640	106	47375	19.524	ug/l	99
70) Styrene	10.652	104	77185	19.743	ug/l	99
71) Bromoform	10.799	173	17281	19.365	ug/l #	99
73) Isopropylbenzene	10.957	105	119685	18.671	ug/l	100
74) N-amyl acetate	10.841	43	53361	18.396	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	40067	18.190	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32786m	18.575	ug/l	
77) Bromobenzene	11.195	156	27635	19.015	ug/l	96
78) n-propylbenzene	11.299	91	138789	18.758	ug/l	99
79) 2-Chlorotoluene	11.360	91	85355	18.770	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	100422	19.305	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10934	15.935	ug/l	90
82) 4-Chlorotoluene	11.451	91	94450	18.774	ug/l	99
83) tert-Butylbenzene	11.713	119	99375	18.884	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	98836	19.251	ug/l	100
85) sec-Butylbenzene	11.890	105	123683	18.980	ug/l	100
86) p-Isopropyltoluene	12.006	119	101272	19.325	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	51486	19.265	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	49926	18.476	ug/l	98
89) n-Butylbenzene	12.329	91	88204	19.025	ug/l	99
90) Hexachloroethane	12.536	117	16680	16.999	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	50206	19.114	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7523	18.713	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	28292	17.801	ug/l	99
94) Hexachlorobutadiene	13.719	225	11686	18.521	ug/l	98
95) Naphthalene	13.774	128	107107	18.642	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	29556	18.455	ug/l	99

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QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

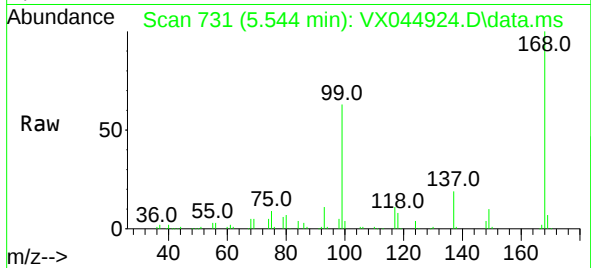
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
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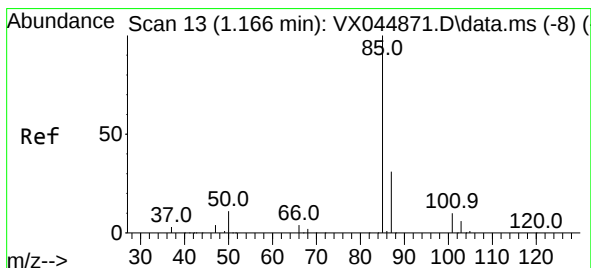
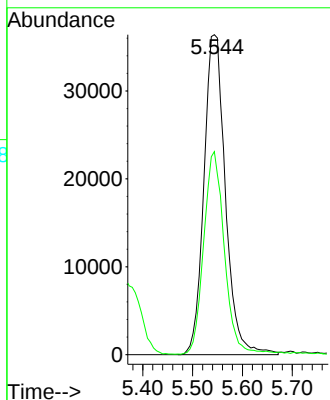
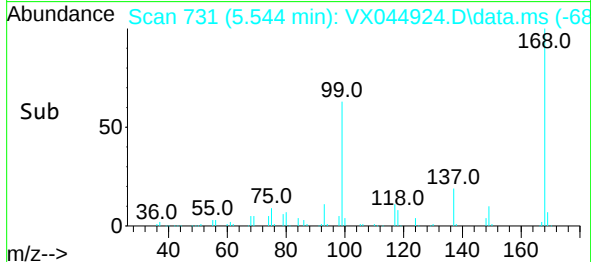
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



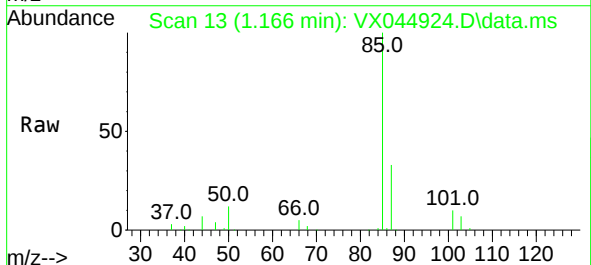
Tgt Ion:168 Resp: 109124
Ion Ratio Lower Upper
168 100
99 63.2 51.2 76.8

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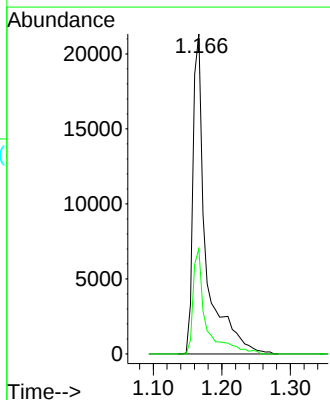
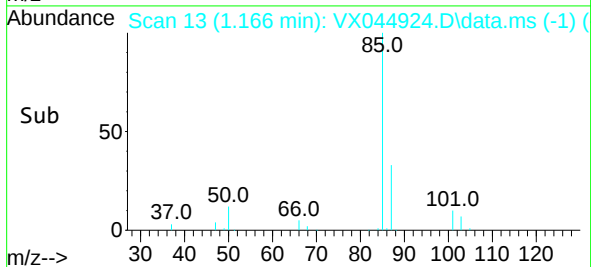
Reviewed By :John Carlone 02/14/2025
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#2
Dichlorodifluoromethane
Concen: 18.535 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



Tgt Ion: 85 Resp: 28368
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.3





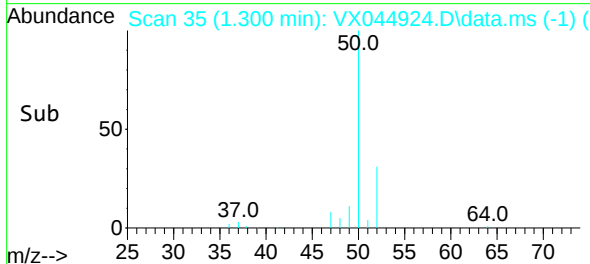
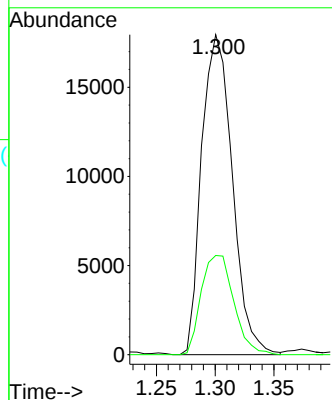
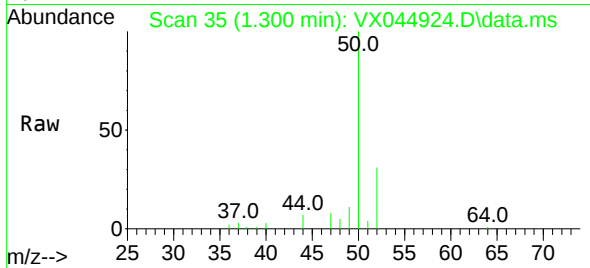
#3
Chloromethane
Concen: 17.571 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Tgt Ion: 50 Resp: 3273
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9

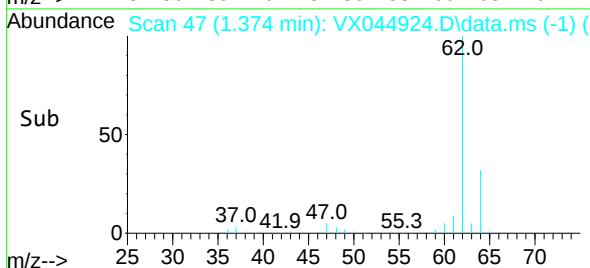
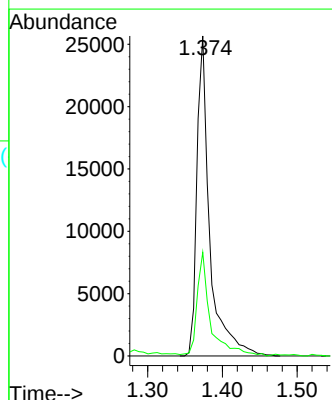
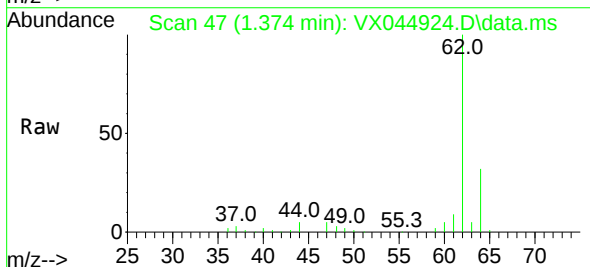
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#4
Vinyl Chloride
Concen: 16.897 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

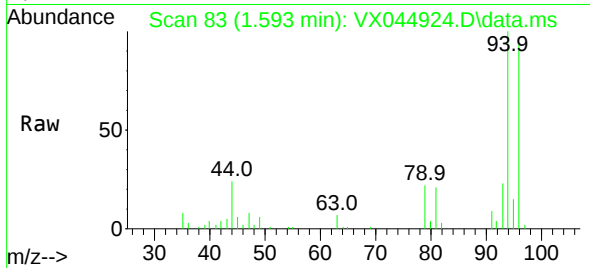
Tgt Ion: 62 Resp: 30493
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
 Bromomethane
 Concen: 19.444 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044924.D
 Acq: 12 Feb 2025 11:46

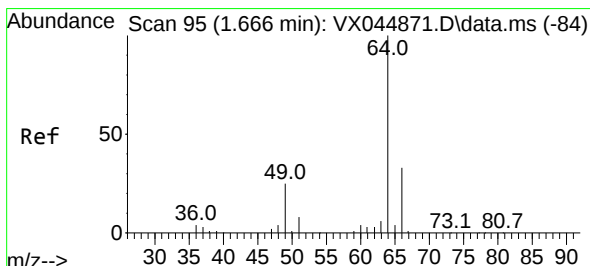
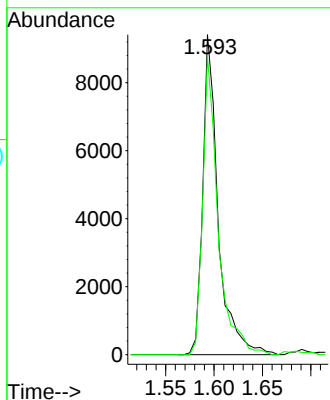
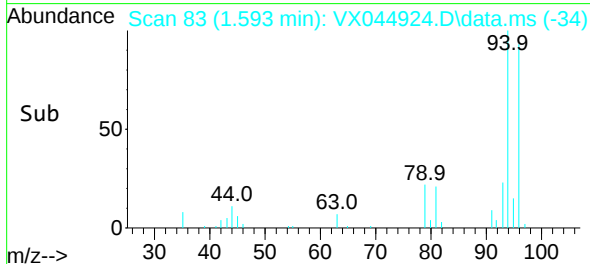
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01



Tgt Ion: 94 Resp: 10500
 Ion Ratio Lower Upper
 94 100
 96 93.2 71.6 107.4

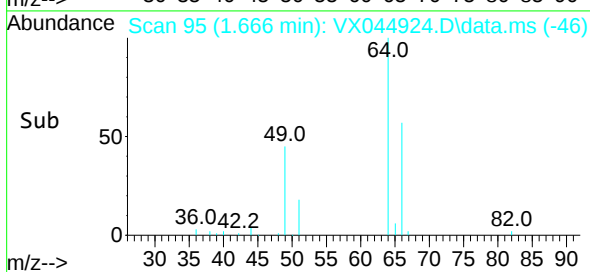
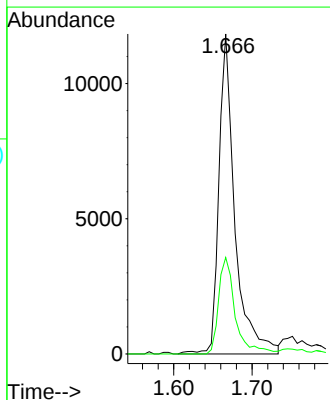
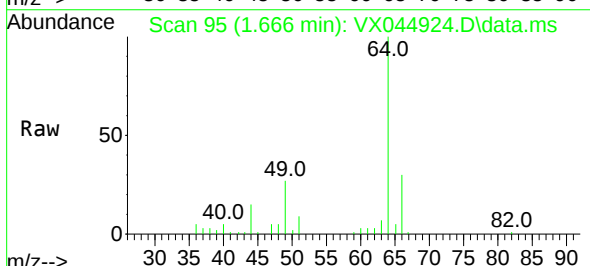
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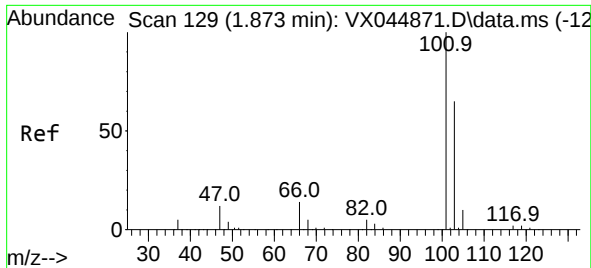
Reviewed By :John Carlone 02/14/2025
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#6
 Chloroethane
 Concen: 22.039 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VX044924.D
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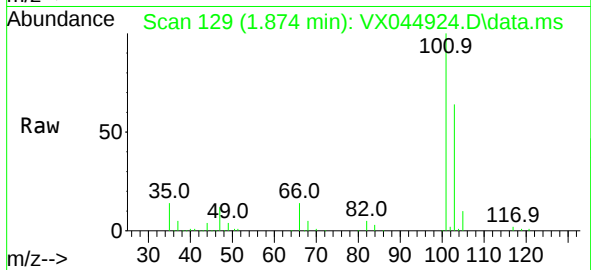
Tgt Ion: 64 Resp: 16764
 Ion Ratio Lower Upper
 64 100
 66 30.2 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 18.586 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX044924.D
 Acq: 12 Feb 2025 11:46

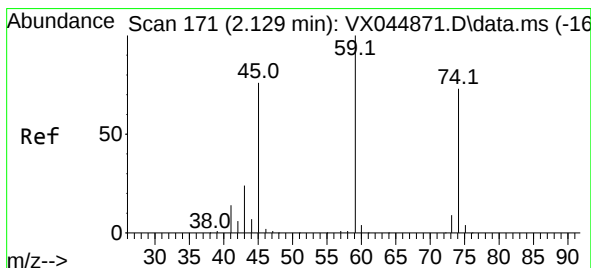
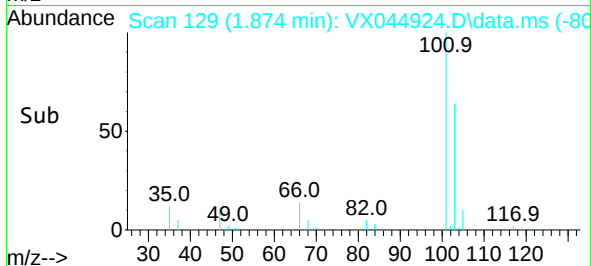
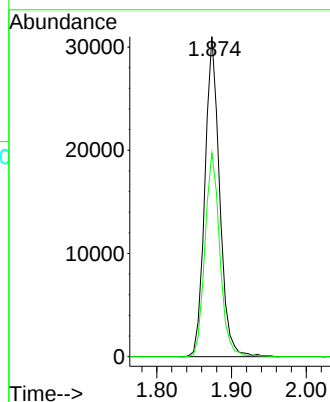
Instrument :
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Tgt Ion:101 Resp: 4241
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.4 78.6

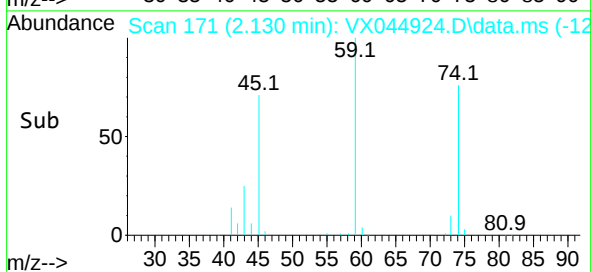
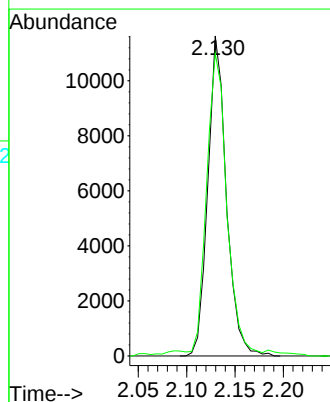
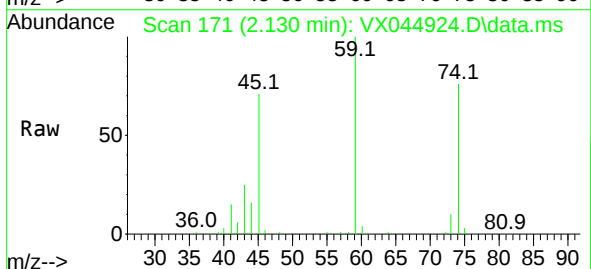
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#8
 Diethyl Ether
 Concen: 18.823 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
 Lab File: VX044924.D
 Acq: 12 Feb 2025 11:46

Tgt Ion: 74 Resp: 15579
 Ion Ratio Lower Upper
 74 100
 45 99.5 51.1 153.4





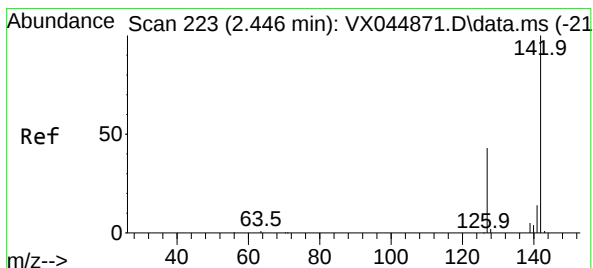
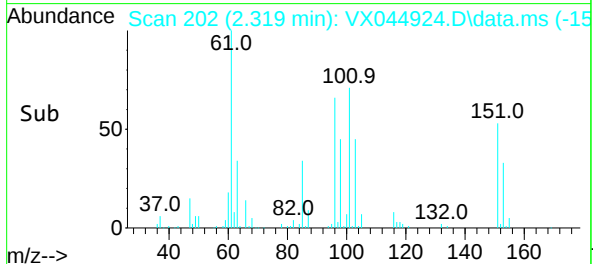
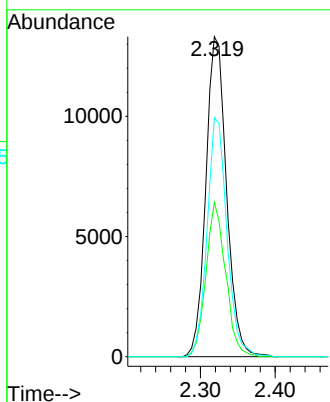
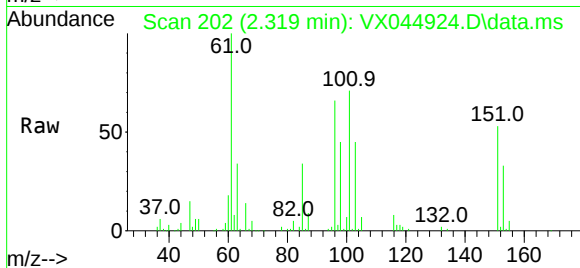
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.594 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
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Tgt Ion:101 Resp: 25639
Ion Ratio Lower Upper
101 100
85 45.7 35.7 53.5
151 71.7 56.0 84.0

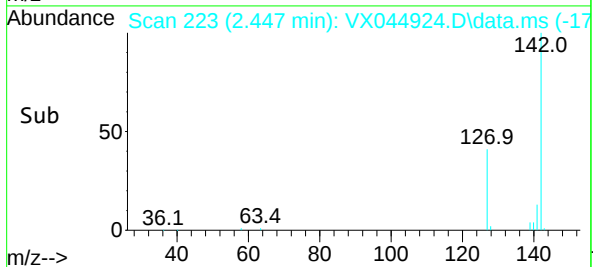
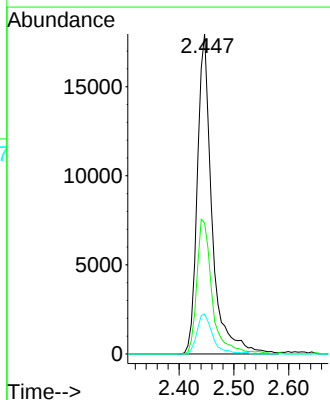
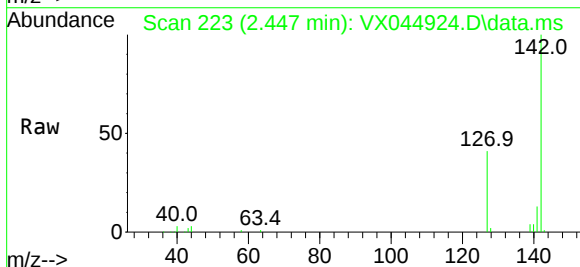
Manual Integrations
APPROVED

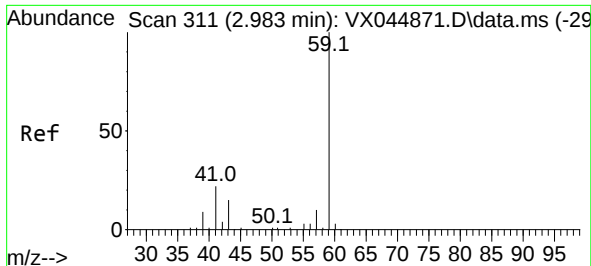
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#10
Methyl Iodide
Concen: 18.775 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

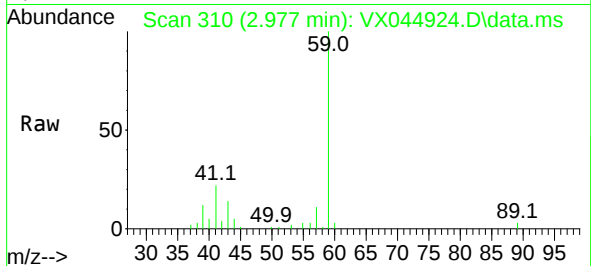
Tgt Ion:142 Resp: 33551
Ion Ratio Lower Upper
142 100
127 43.9 34.3 51.5
141 13.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 97.705 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

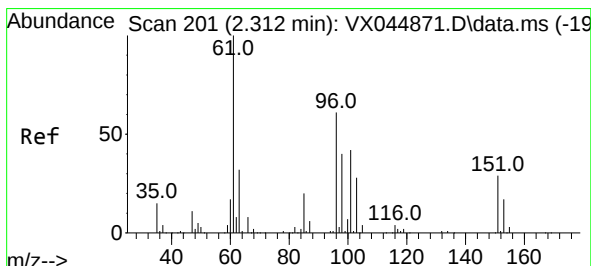
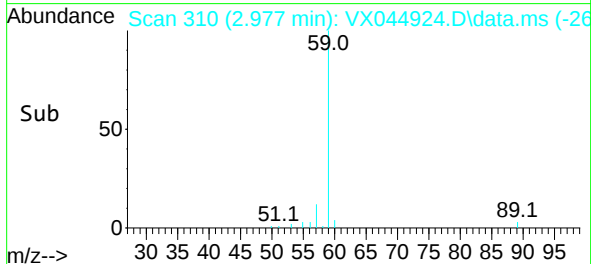
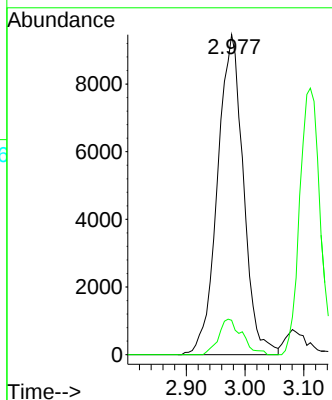
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 59 Resp: 28954
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

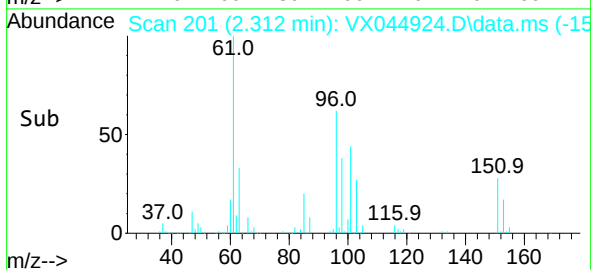
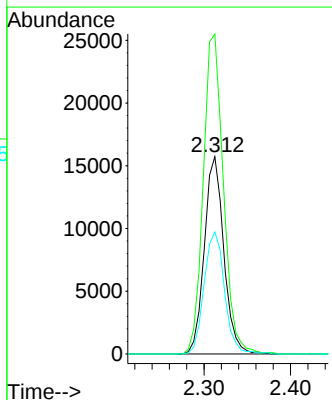
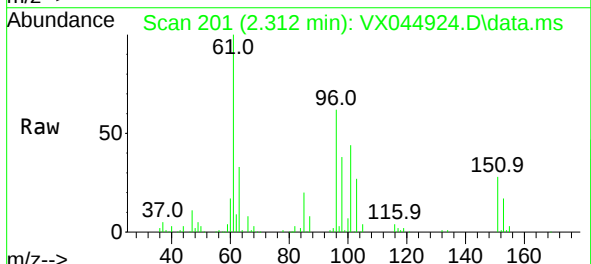
Manual Integrations
APPROVED

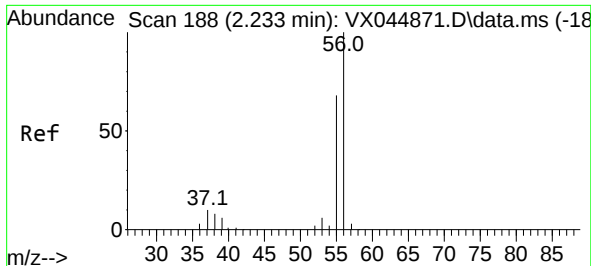
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#12
1,1-Dichloroethene
Concen: 17.491 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

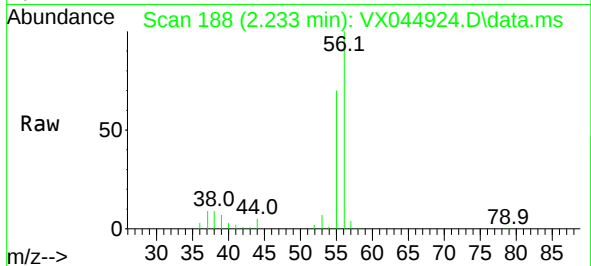
Tgt Ion: 96 Resp: 24602
Ion Ratio Lower Upper
96 100
61 162.1 130.2 195.4
98 61.9 52.2 78.4





#13
Acrolein
Concen: 110.506 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

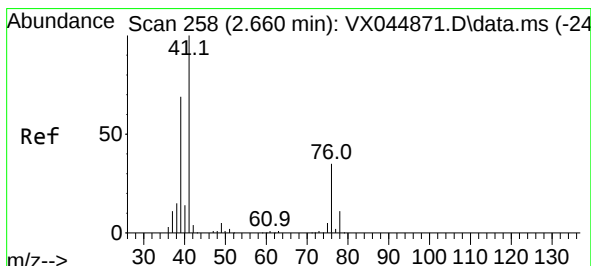
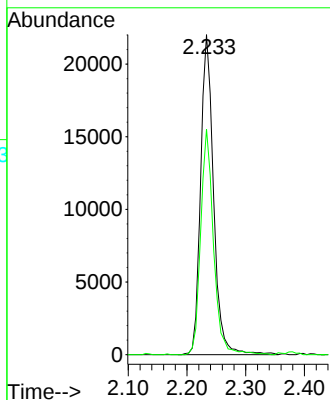
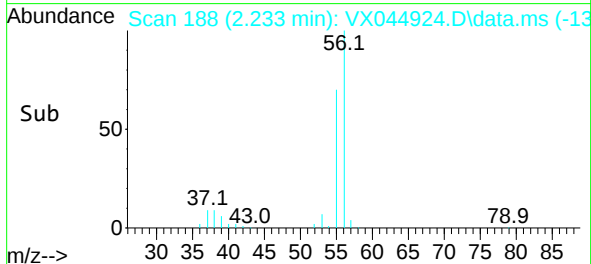
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 56 Resp: 3378
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5

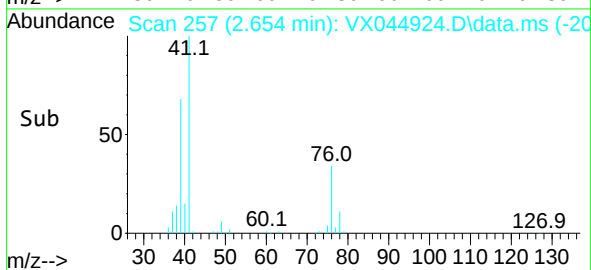
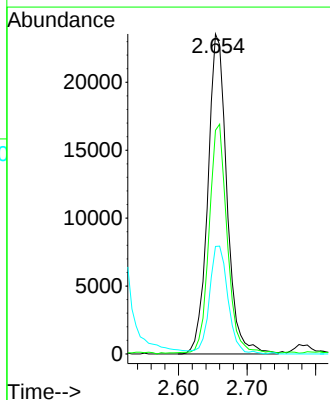
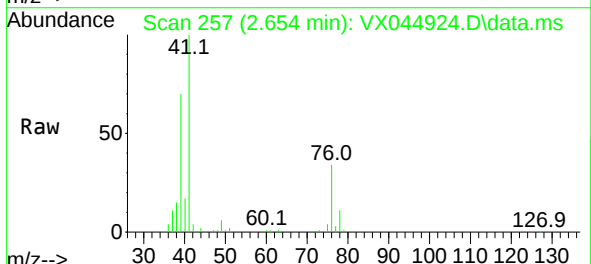
Manual Integrations
APPROVED

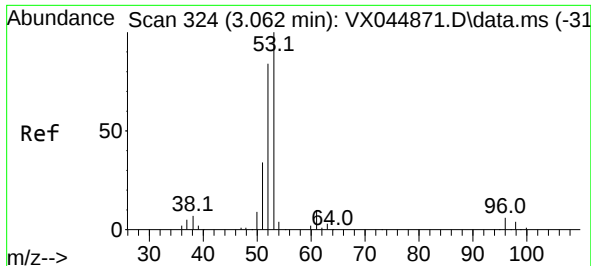
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#14
Allyl chloride
Concen: 17.988 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

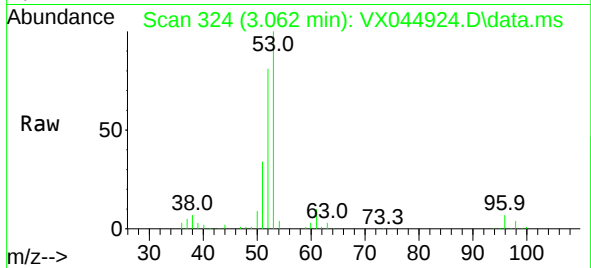
Tgt Ion: 41 Resp: 45724
Ion Ratio Lower Upper
41 100
39 68.9 51.4 77.2
76 32.7 27.0 40.4





#15
Acrylonitrile
Concen: 98.927 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

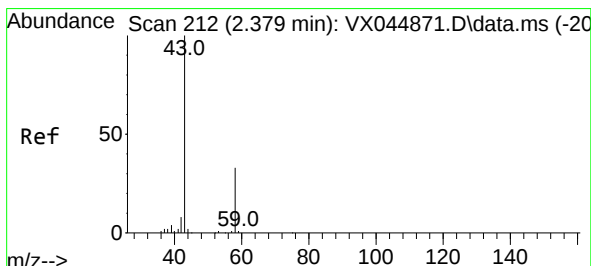
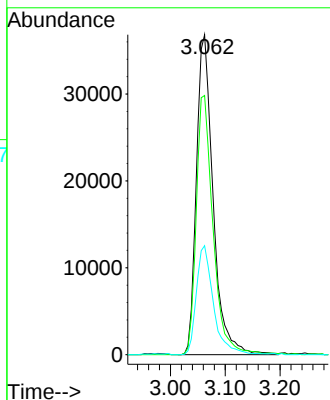
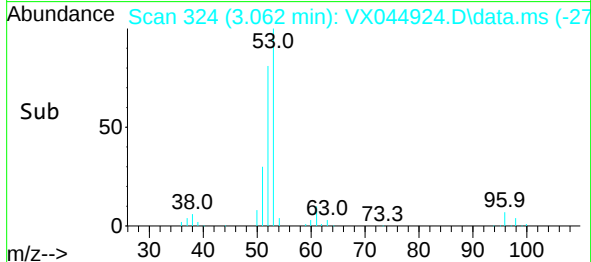
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 53 Resp: 7827
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.6
51 35.1 28.0 42.0

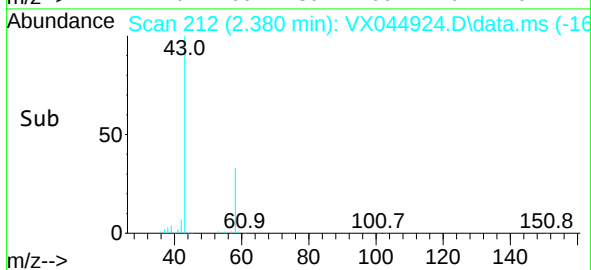
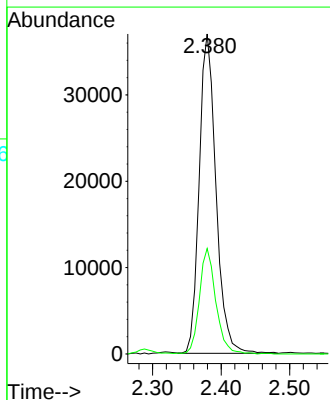
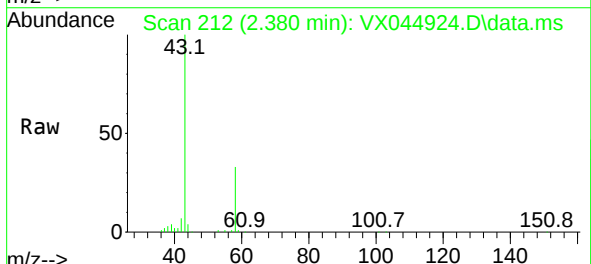
Manual Integrations
APPROVED

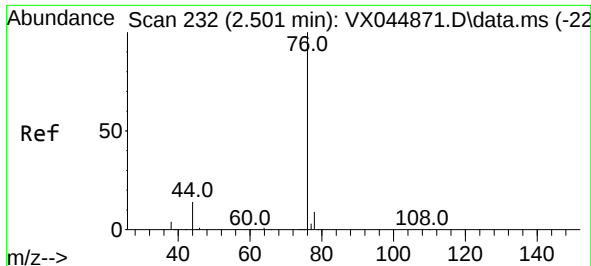
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#16
Acetone
Concen: 98.205 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

Tgt Ion: 43 Resp: 63063
Ion Ratio Lower Upper
43 100
58 33.0 26.5 39.7





#17

Carbon Disulfide

Concen: 16.618 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

Tgt Ion: 76 Resp: 64090

Ion Ratio Lower Upper

76 100

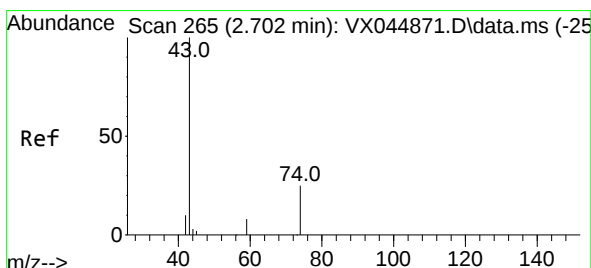
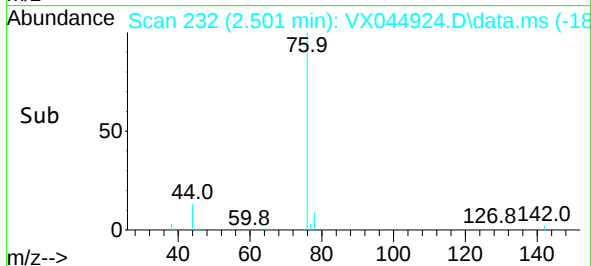
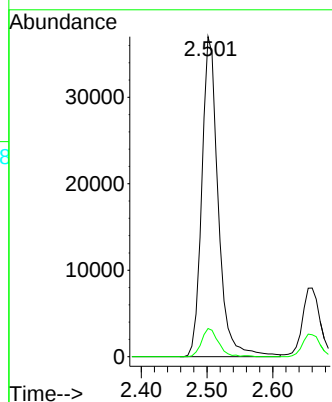
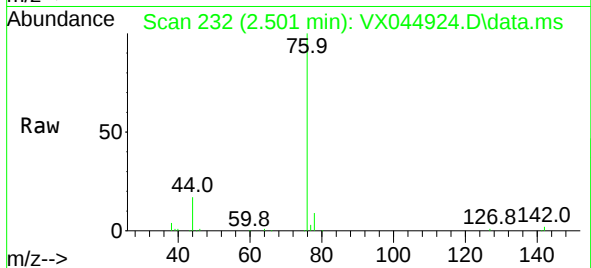
78 8.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#18

Methyl Acetate

Concen: 19.880 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX044924.D

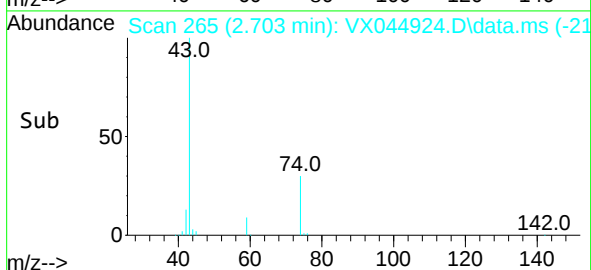
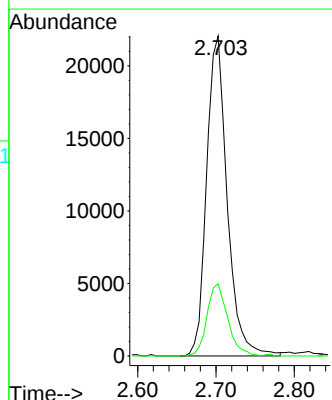
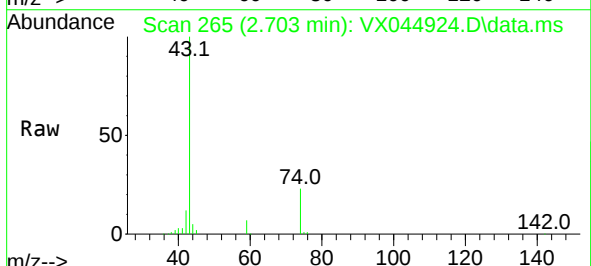
Acq: 12 Feb 2025 11:46

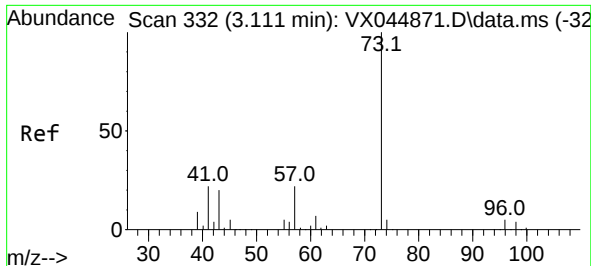
Tgt Ion: 43 Resp: 40286

Ion Ratio Lower Upper

43 100

74 22.6 18.9 28.3





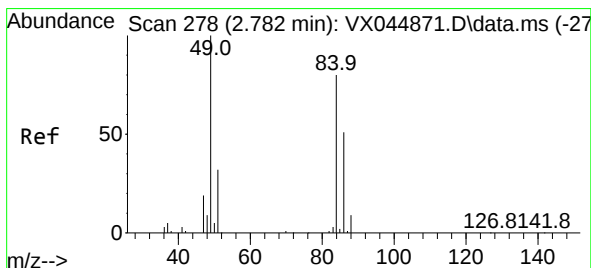
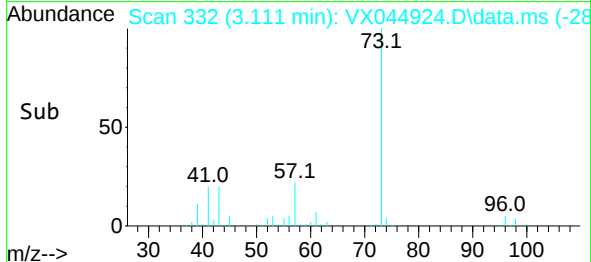
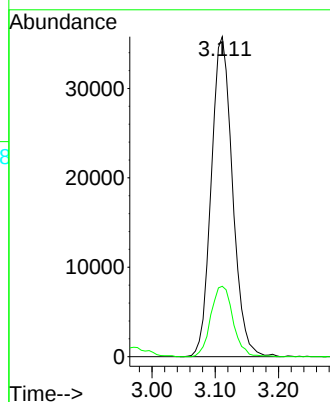
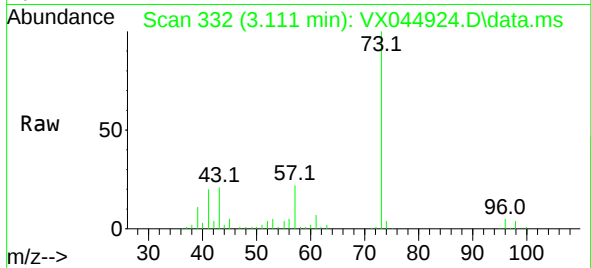
#19
Methyl tert-butyl Ether
Concen: 18.654 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Tgt Ion: 73 Resp: 83480
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9

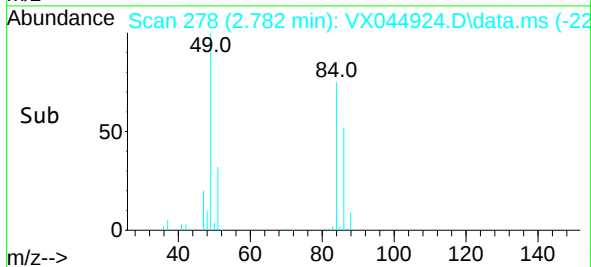
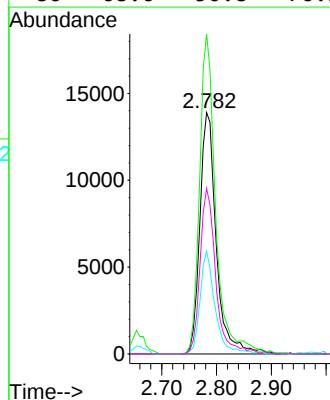
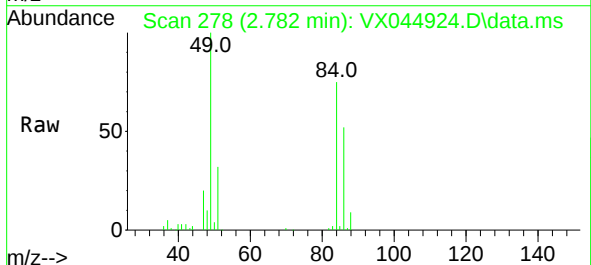
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 18.440 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

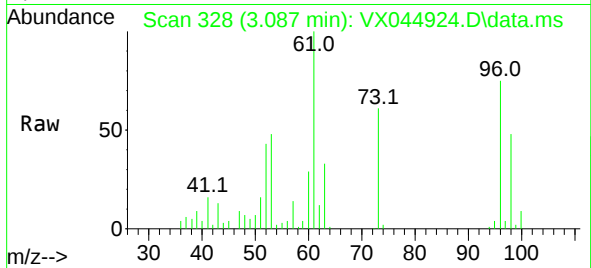
Tgt Ion: 84 Resp: 29005
Ion Ratio Lower Upper
84 100
49 132.6 100.1 150.1
51 42.7 31.7 47.5
86 68.6 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 18.010 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

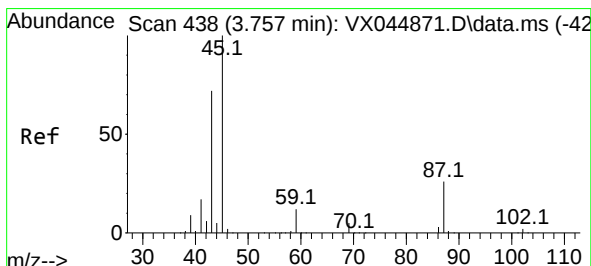
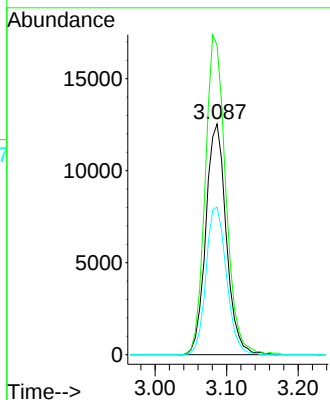
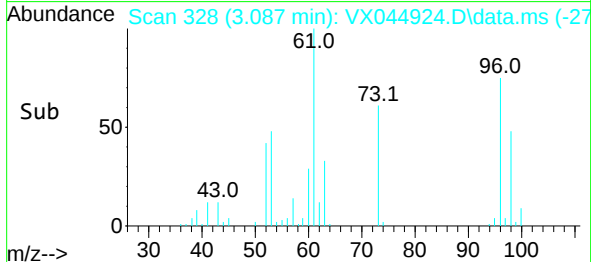
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



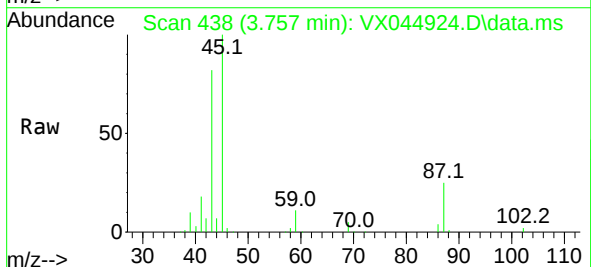
Tgt Ion: 96 Resp: 2493
Ion Ratio Lower Upper
96 100
61 134.1 106.0 159.0
98 64.0 50.6 76.0

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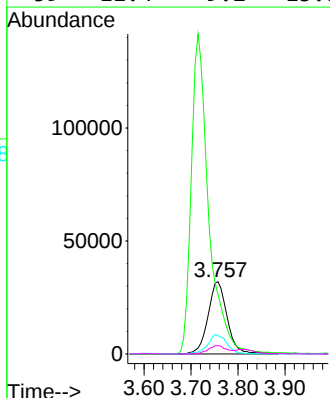
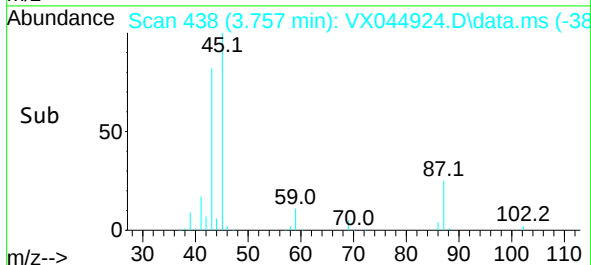
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

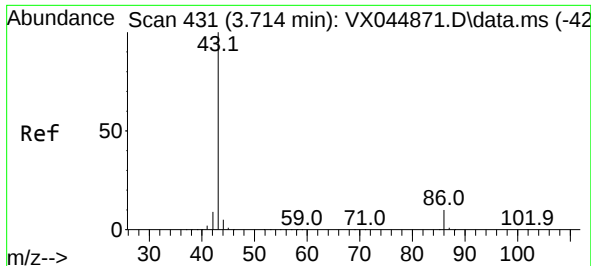


#22
Diisopropyl ether
Concen: 18.821 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



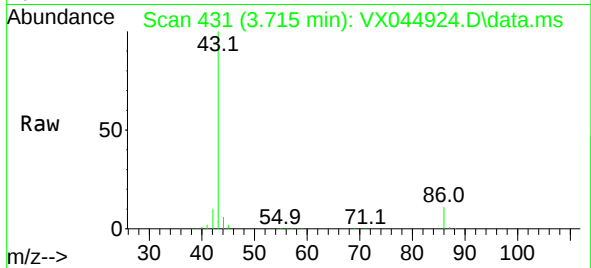
Tgt Ion: 45 Resp: 90509
Ion Ratio Lower Upper
45 100
43 81.8 58.0 87.0
87 25.5 20.7 31.1
59 11.4 9.2 13.8





#23
 Vinyl Acetate
 Concen: 93.966 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044924.D
 Acq: 12 Feb 2025 11:46

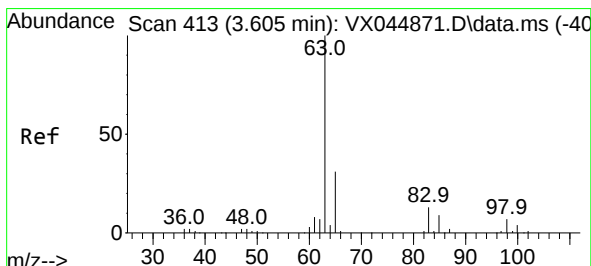
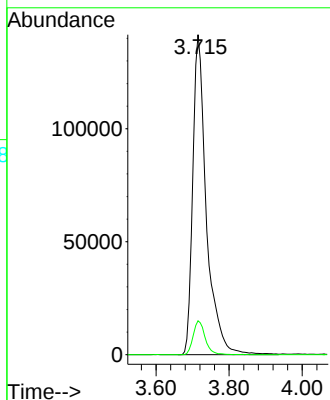
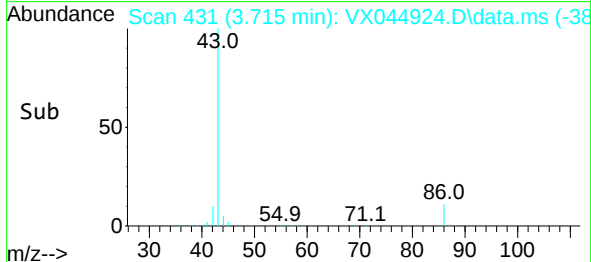
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01



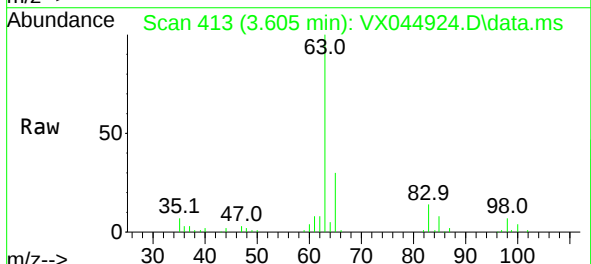
Tgt Ion: 43 Resp: 36840
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5

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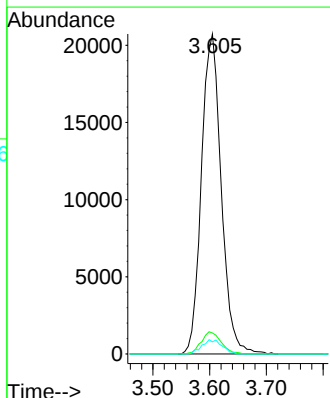
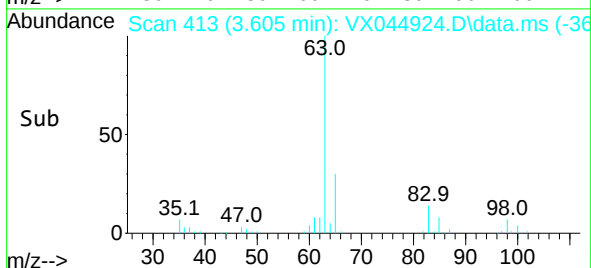
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

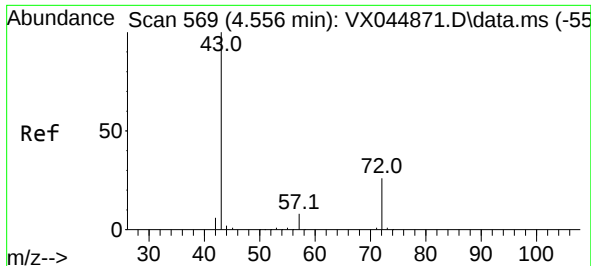


#24
 1,1-Dichloroethane
 Concen: 18.694 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044924.D
 Acq: 12 Feb 2025 11:46



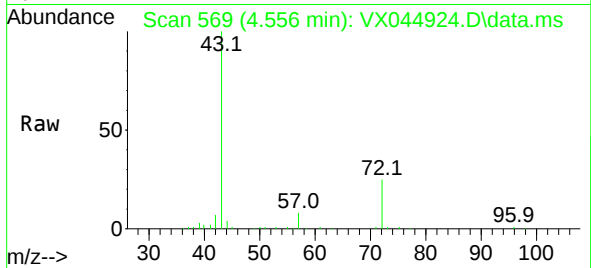
Tgt Ion: 63 Resp: 50302
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 3.8 2.1 6.5





#25
2-Butanone
Concen: 99.286 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

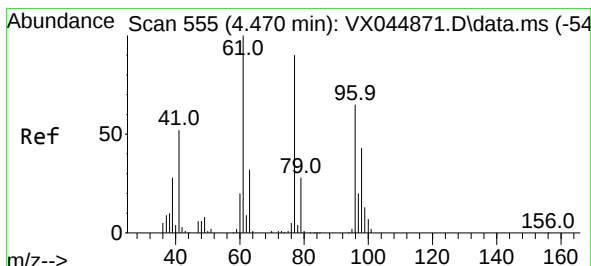
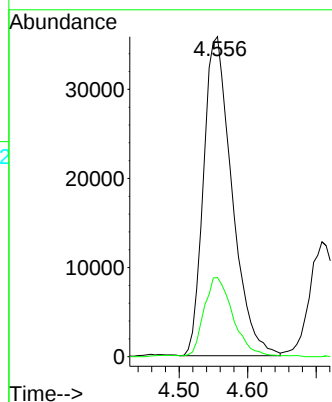
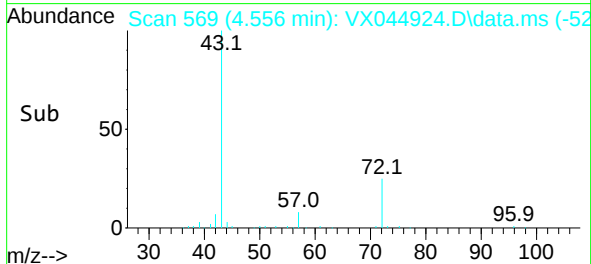
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 43 Resp: 103530
Ion Ratio Lower Upper
43 100
72 24.5 21.2 31.8

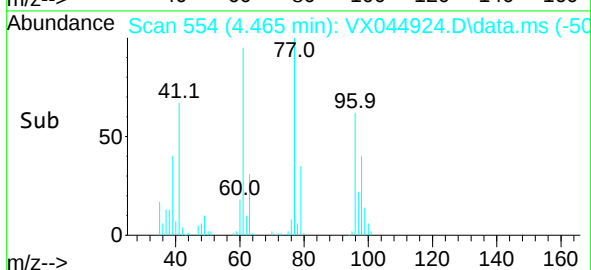
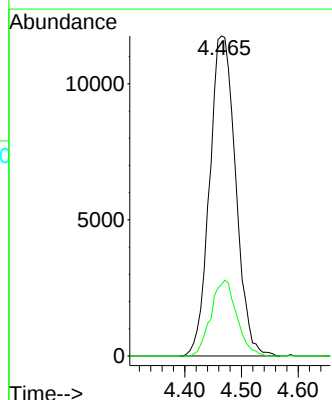
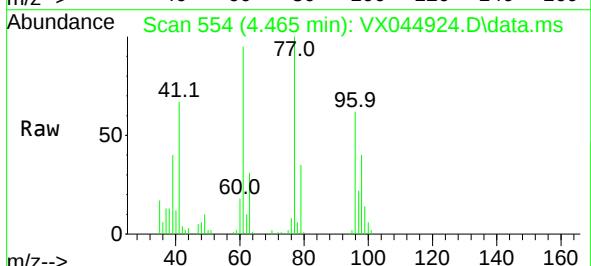
Manual Integrations
APPROVED

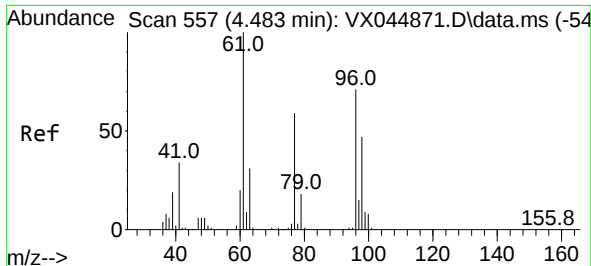
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#26
2,2-Dichloropropane
Concen: 17.587 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

Tgt Ion: 77 Resp: 37530
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.539 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

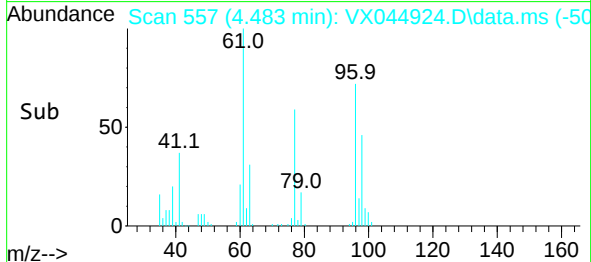
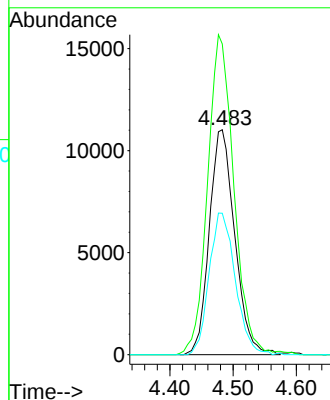
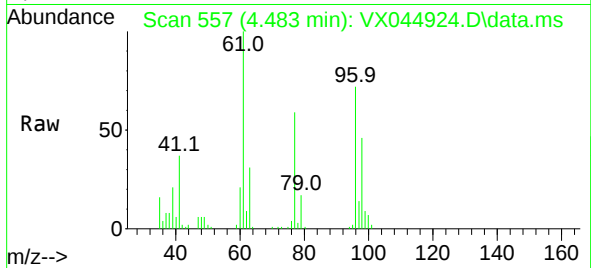
Tgt Ion: 96	Resp: 30820
Ion Ratio	Lower Upper
96 100	
61 146.7	0.0 294.0
98 64.7	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#28

Bromochloromethane

Concen: 18.026 ug/l

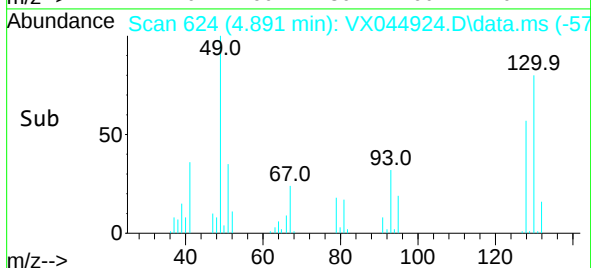
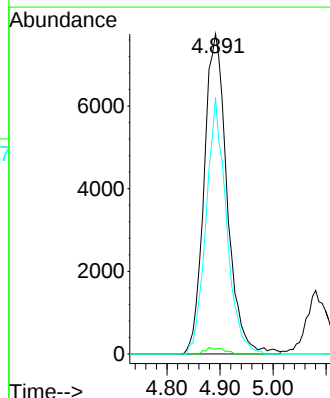
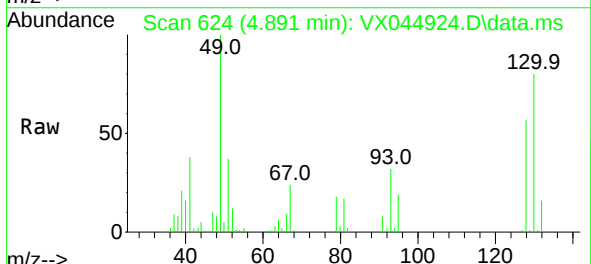
RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Tgt Ion: 49	Resp: 23310
Ion Ratio	Lower Upper
49 100	
129 1.6	0.0 3.6
130 70.8	56.7 85.1





#29

Tetrahydrofuran

Concen: 98.700 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

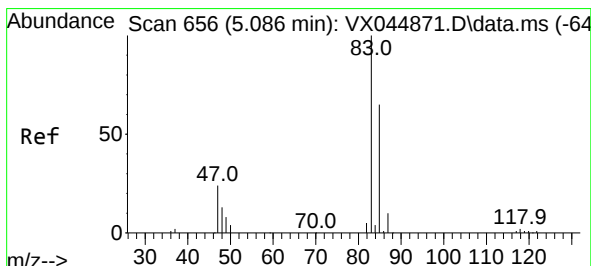
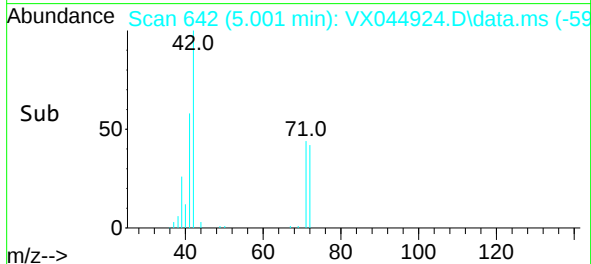
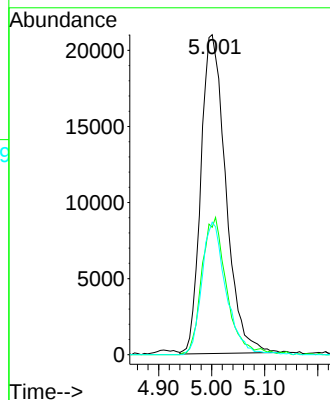
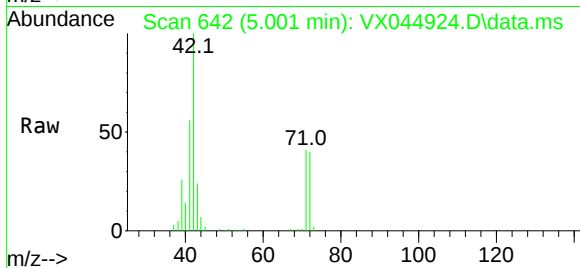
Tgt Ion:	42	Resp:	6834
Ion Ratio	Lower	Upper	
42	100		
72	42.9	35.0	52.4
71	40.7	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#30

Chloroform

Concen: 18.626 ug/l

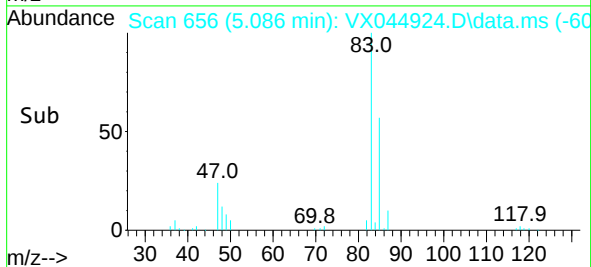
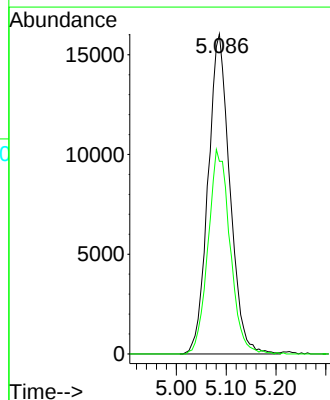
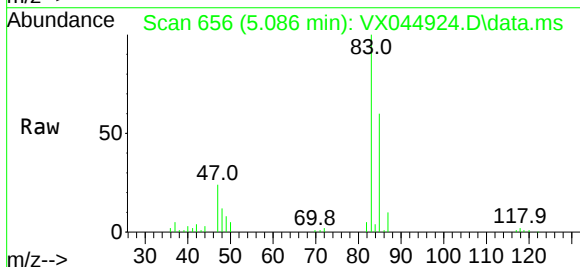
RT: 5.086 min Scan# 656

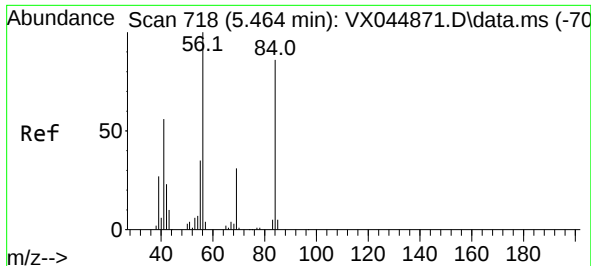
Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

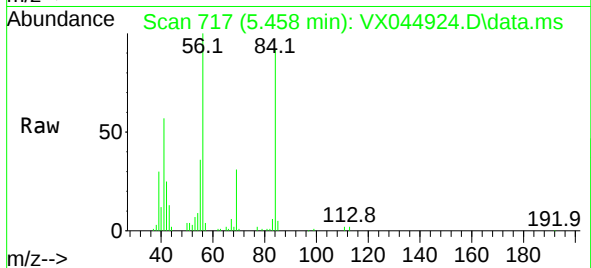
Tgt Ion:	83	Resp:	48606
Ion Ratio	Lower	Upper	
83	100		
85	60.2	52.1	78.1





#31
Cyclohexane
Concen: 17.805 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

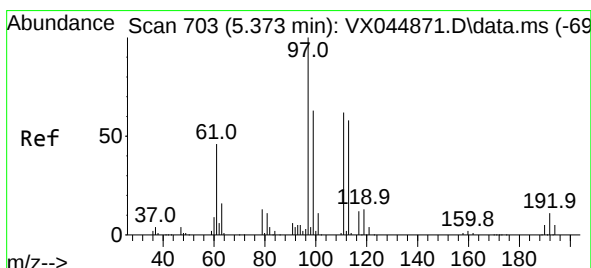
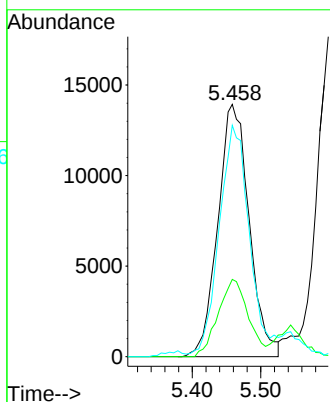
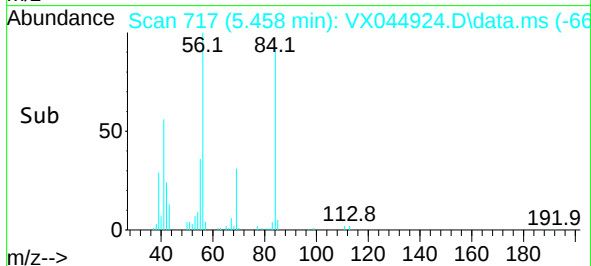
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 56 Resp: 44168
Ion Ratio Lower Upper
56 100
69 30.6 24.4 36.6
84 89.4 69.0 103.6

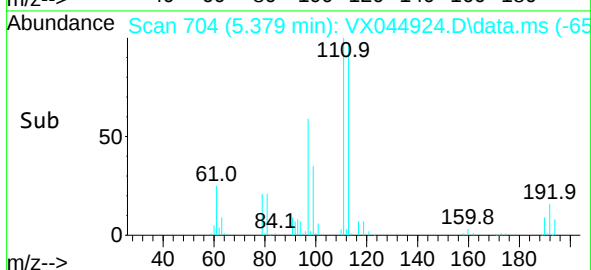
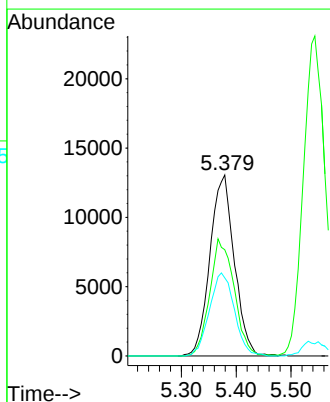
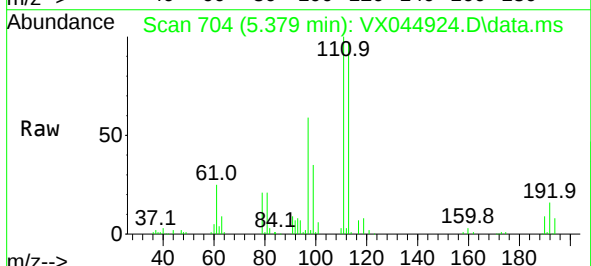
Manual Integrations
APPROVED

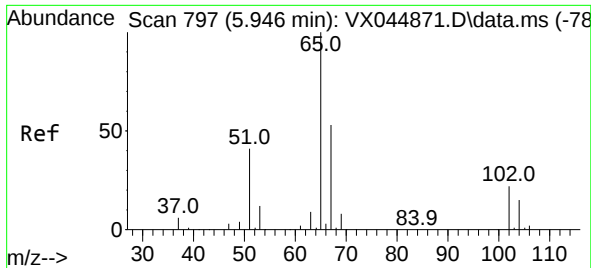
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#32
1,1,1-Trichloroethane
Concen: 18.197 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

Tgt Ion: 97 Resp: 40279
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 47.0 36.6 55.0





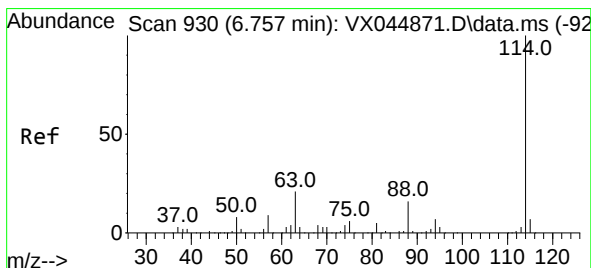
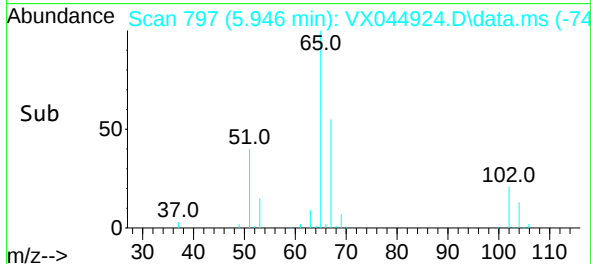
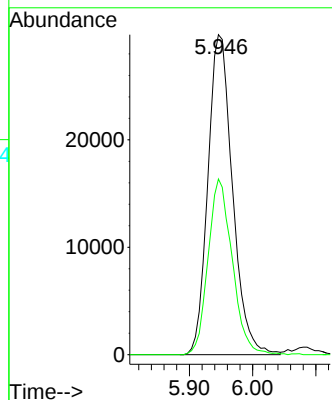
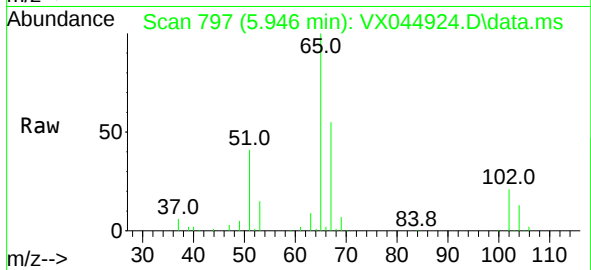
#33
1,2-Dichloroethane-d4
Concen: 50.403 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Tgt Ion: 65 Resp: 80512
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.2

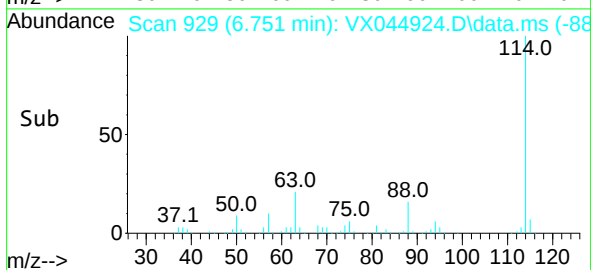
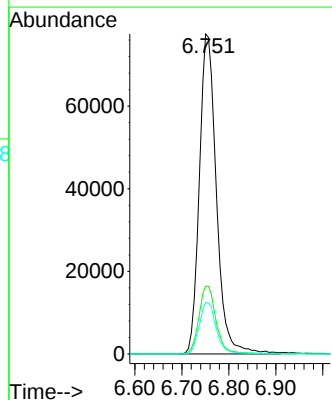
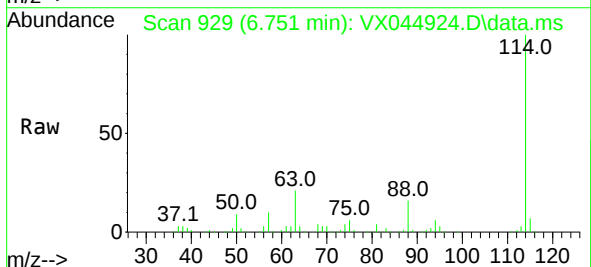
Manual Integrations
APPROVED

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



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

Tgt Ion:114 Resp: 195530
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.460 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

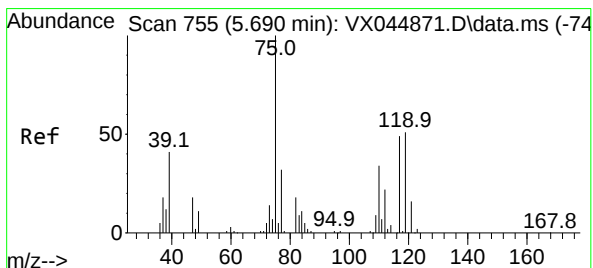
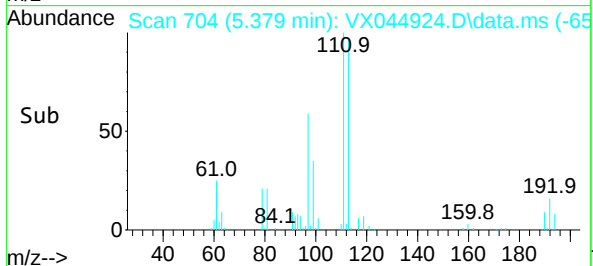
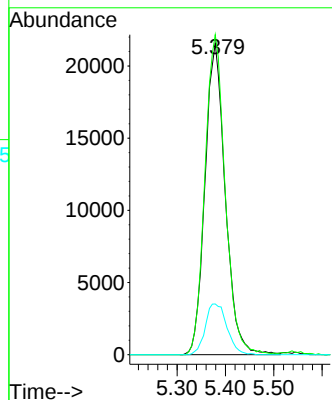
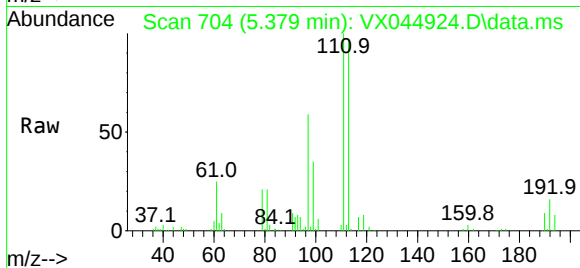
Tgt Ion:	113	Resp:	6287
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.5	125.3
192	17.4	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#36

1,1-Dichloropropene

Concen: 18.198 ug/l

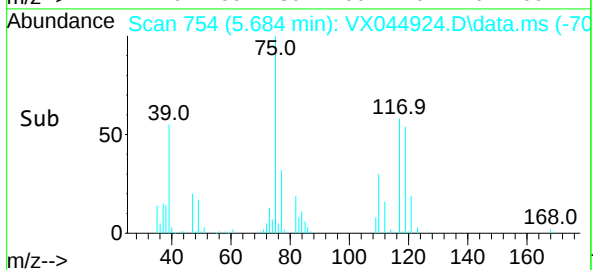
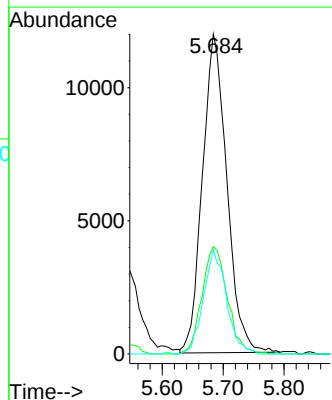
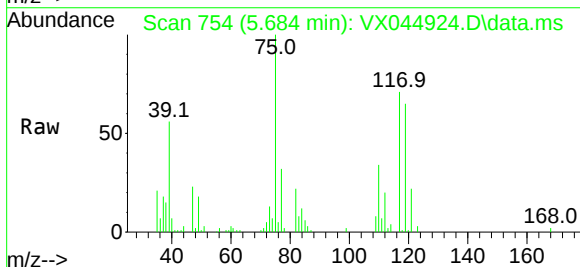
RT: 5.684 min Scan# 754

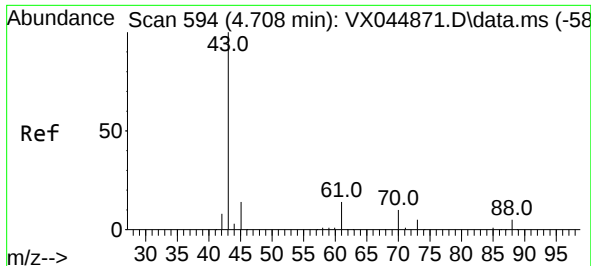
Delta R.T. -0.006 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

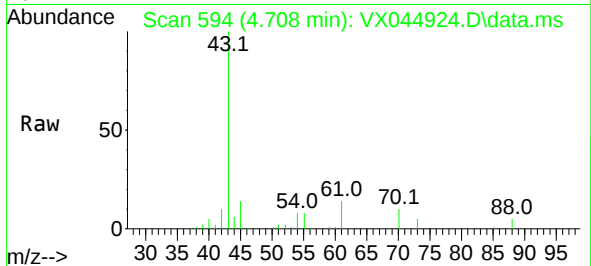
Tgt Ion:	75	Resp:	33377
Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.2	51.6
77	30.8	24.6	37.0





#37
Ethyl Acetate
Concen: 19.317 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

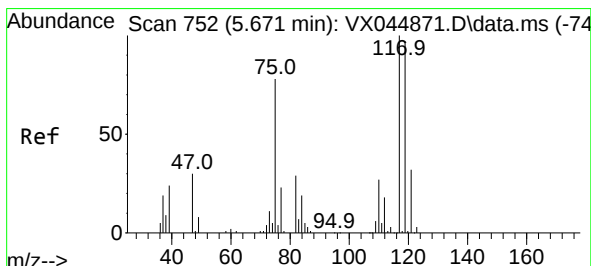
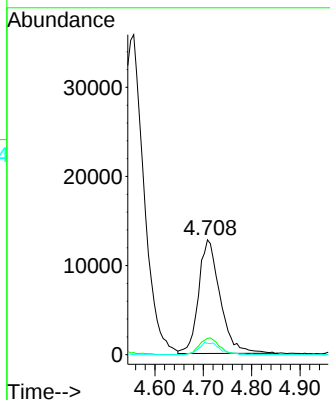
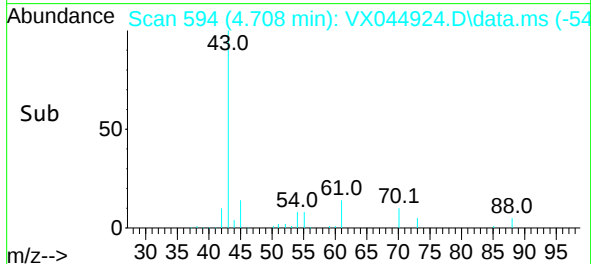
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 43 Resp: 3940
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 10.3 8.2 12.2

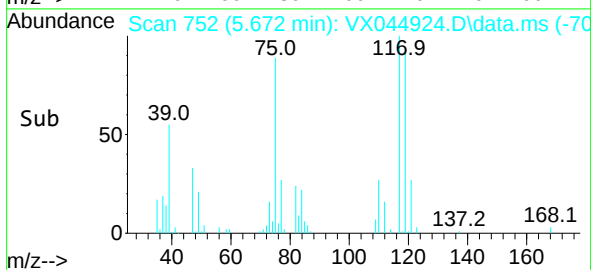
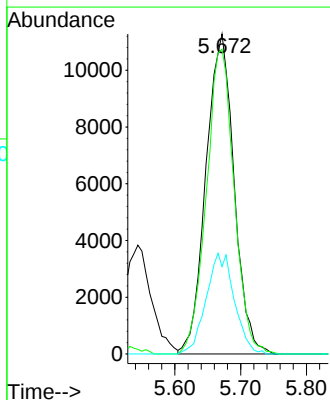
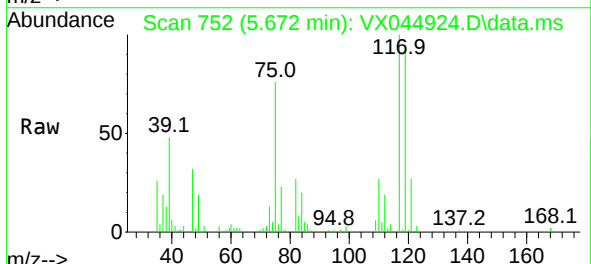
Manual Integrations
APPROVED

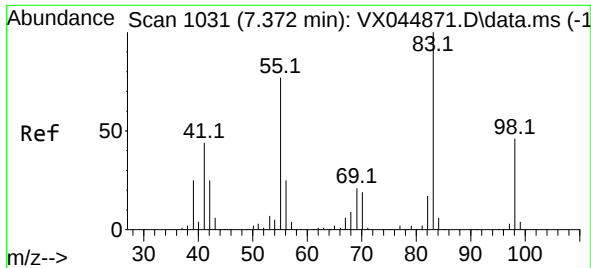
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#38
Carbon Tetrachloride
Concen: 18.684 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

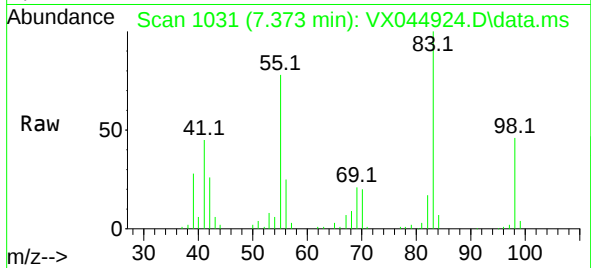
Tgt Ion:117 Resp: 33581
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
121 27.3 25.6 38.4





#39
Methylcyclohexane
Concen: 19.417 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

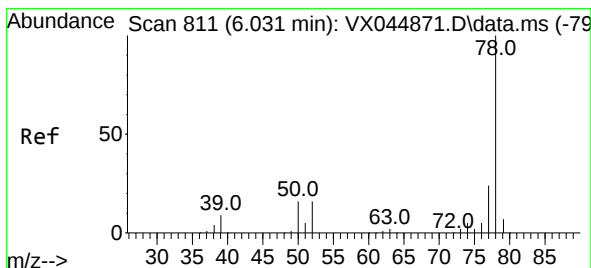
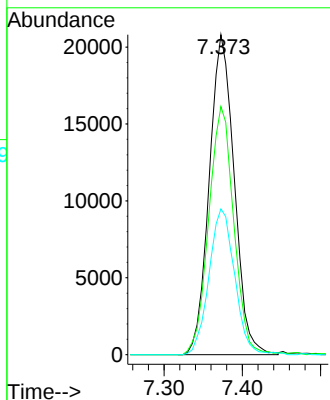
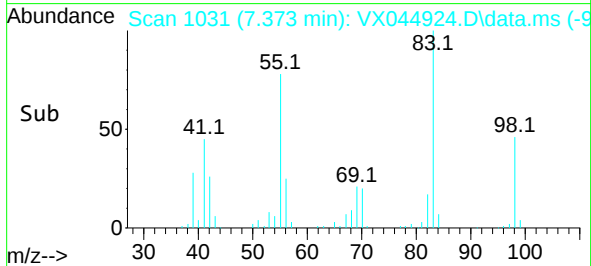
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



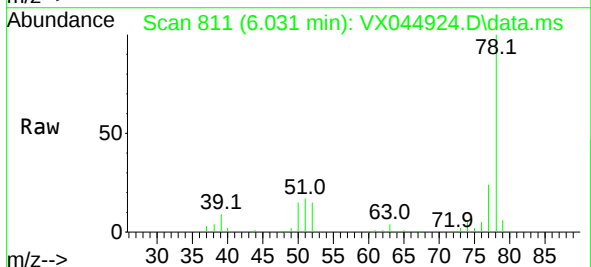
Tgt Ion: 83 Resp: 4604
Ion Ratio Lower Upper
83 100
55 77.5 61.3 91.9
98 45.5 37.0 55.6

Manual Integrations
APPROVED

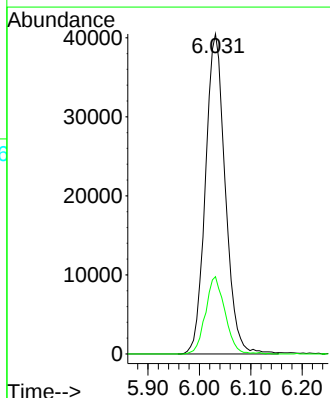
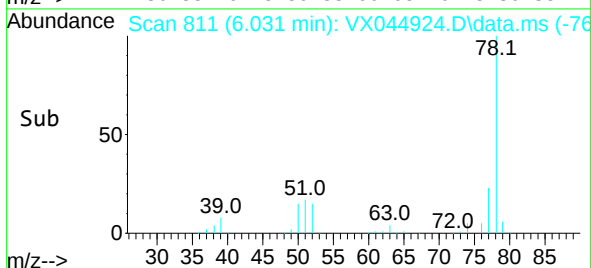
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#40
Benzene
Concen: 18.896 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



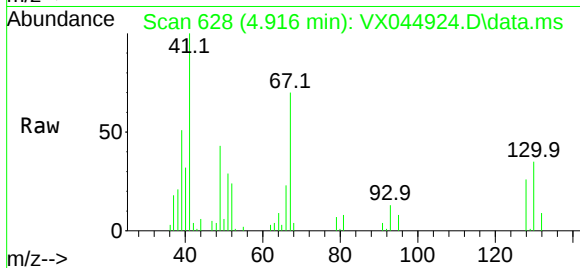
Tgt Ion: 78 Resp: 108219
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 20.286 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

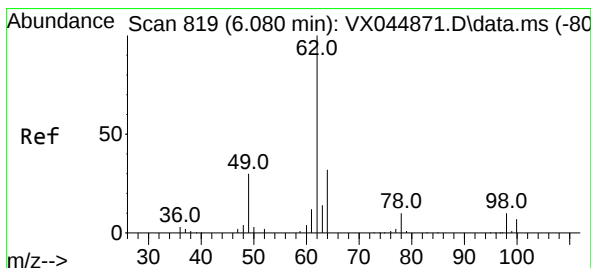
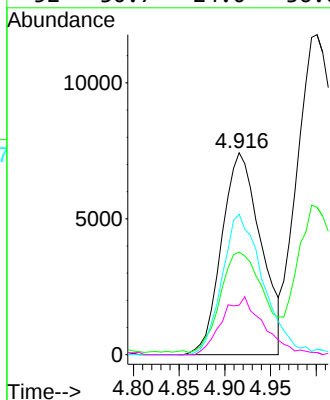
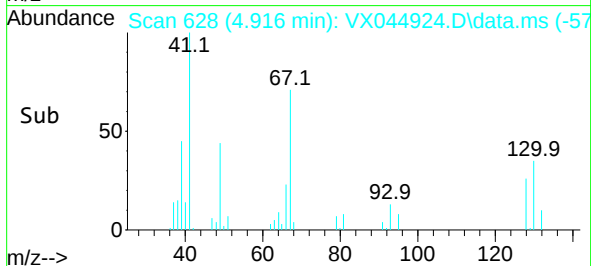
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion:	41	Resp:	2215
Ion	Ratio	Lower	Upper
41	100		
39	56.3	43.1	64.7
67	73.8	57.0	85.6
52	30.7	24.0	36.0

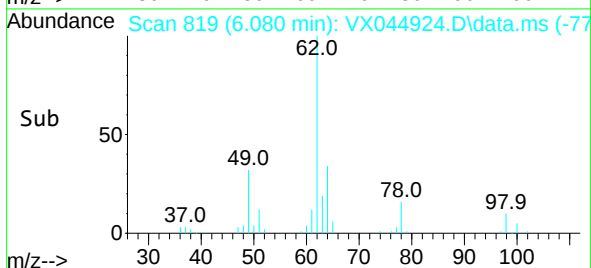
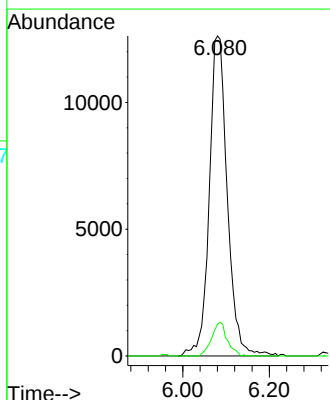
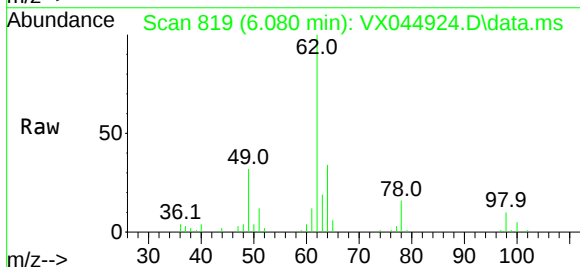
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 19.986 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

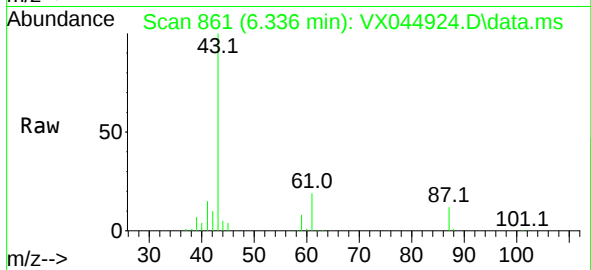
Tgt Ion:	62	Resp:	36480
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.4





#43
Isopropyl Acetate
Concen: 19.356 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

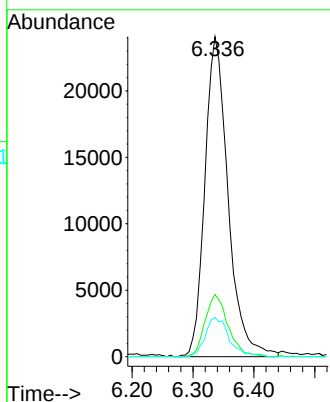
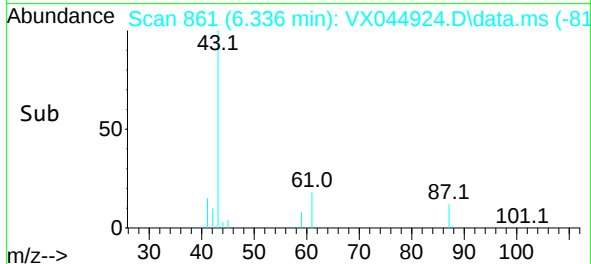
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 43 Resp: 63760
Ion Ratio Lower Upper
43 100
61 19.3 15.8 23.8
87 12.5 10.0 15.0

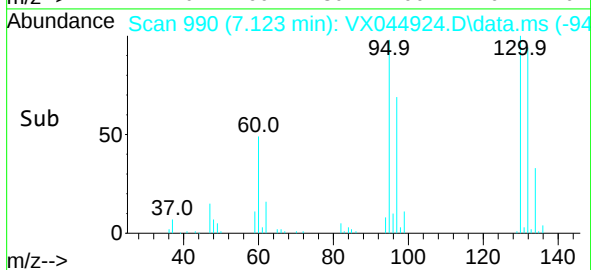
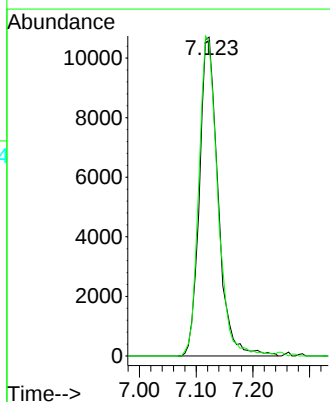
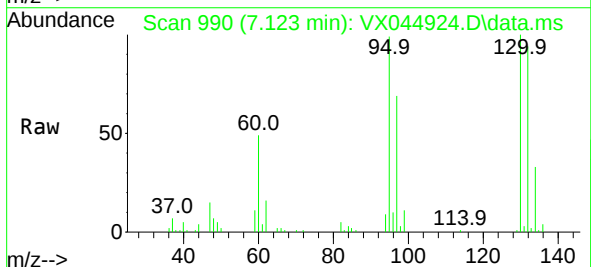
Manual Integrations
APPROVED

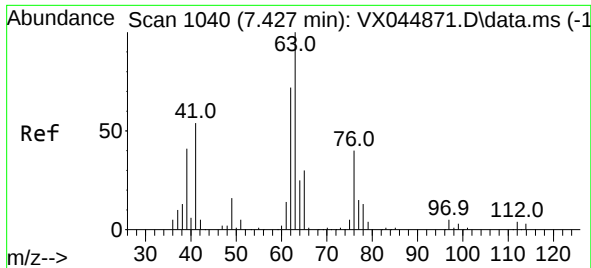
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#44
Trichloroethene
Concen: 18.728 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

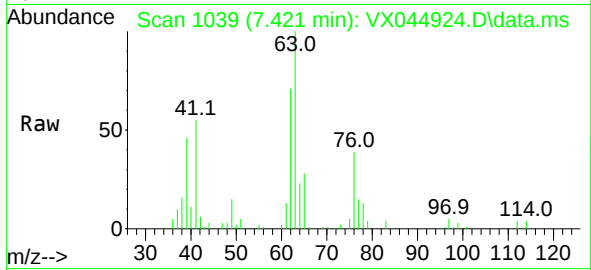
Tgt Ion:130 Resp: 24516
Ion Ratio Lower Upper
130 100
95 98.5 0.0 202.4





#45
1,2-Dichloropropane
Concen: 19.592 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

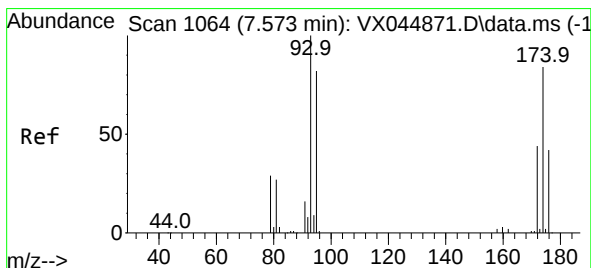
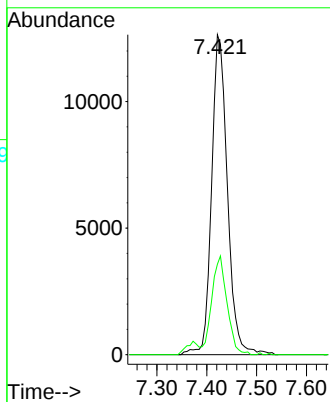
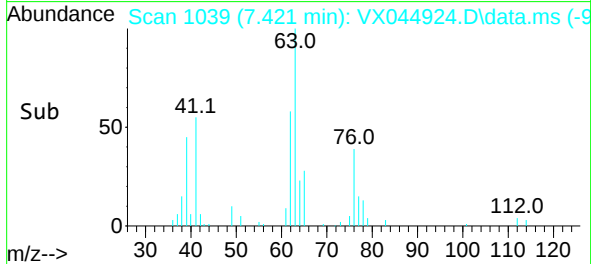
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



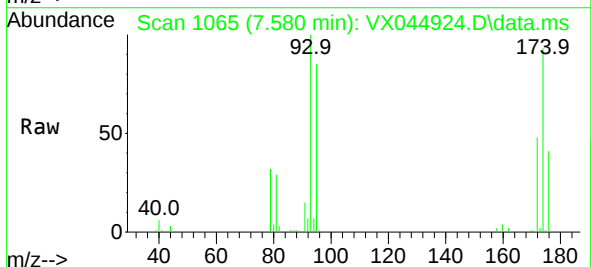
Tgt Ion: 63 Resp: 27915
Ion Ratio Lower Upper
63 100
65 28.2 24.2 36.4

Manual Integrations
APPROVED

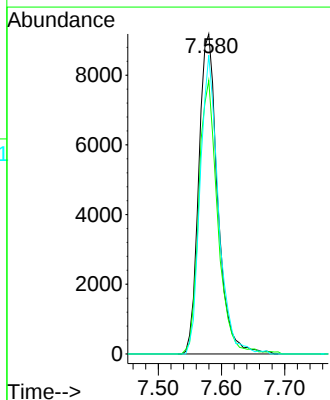
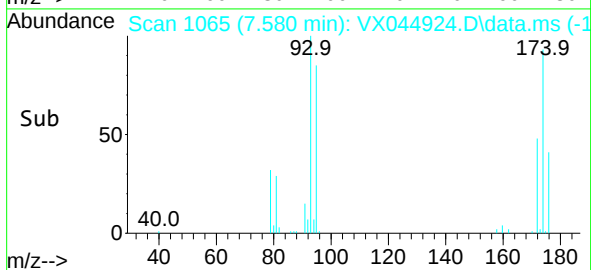
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

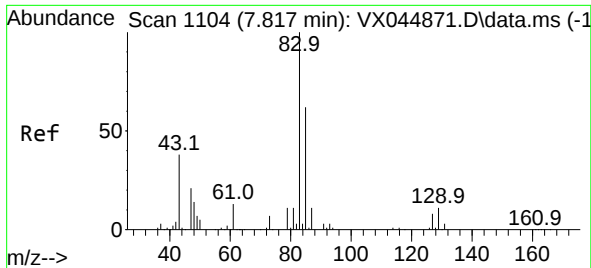


#46
Dibromomethane
Concen: 19.396 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



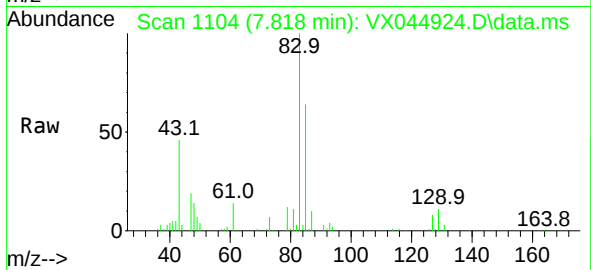
Tgt Ion: 93 Resp: 19165
Ion Ratio Lower Upper
93 100
95 84.6 66.2 99.4
174 89.8 69.9 104.9





#47
Bromodichloromethane
Concen: 19.337 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

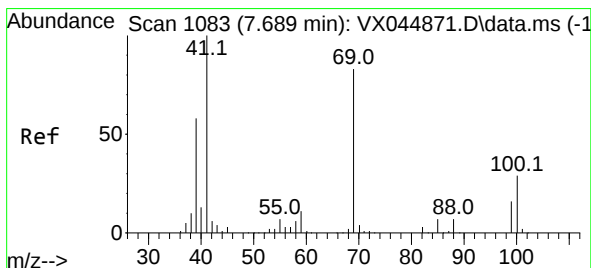
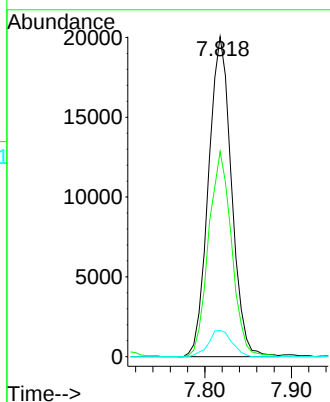
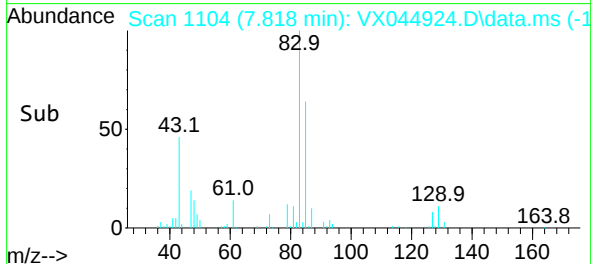
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



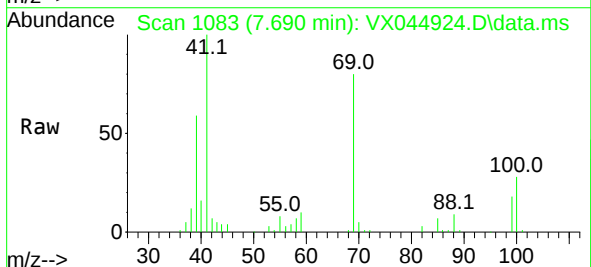
Tgt Ion: 83 Resp: 3699
Ion Ratio Lower Upper
83 100
85 64.1 50.0 75.0
127 8.2 6.4 9.6

Manual Integrations
APPROVED

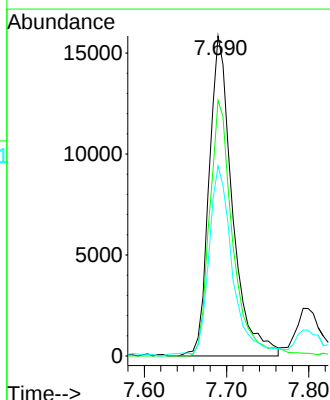
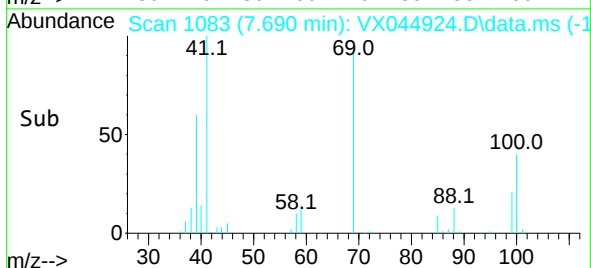
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

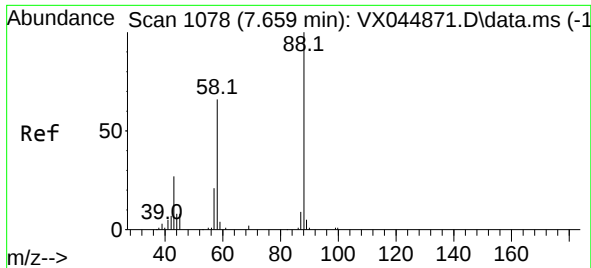


#48
Methyl methacrylate
Concen: 20.087 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



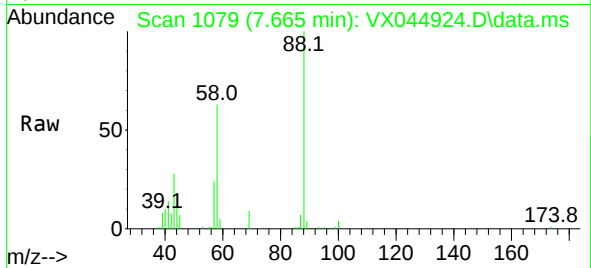
Tgt Ion: 41 Resp: 31202
Ion Ratio Lower Upper
41 100
69 79.8 65.8 98.8
39 60.9 46.4 69.6





#49
1,4-Dioxane
Concen: 420.866 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

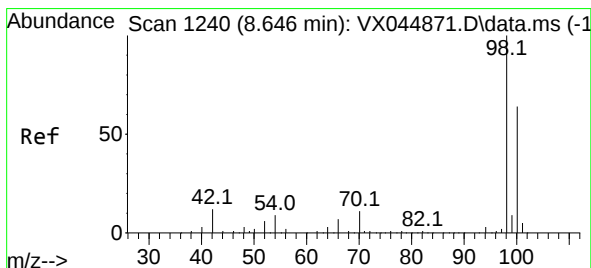
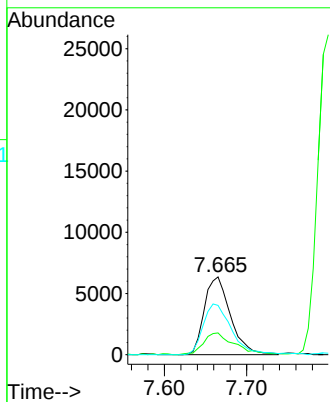
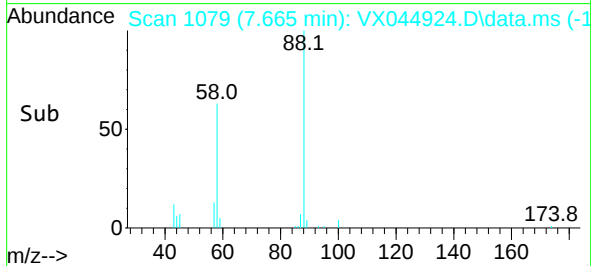
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 88 Resp: 14020
Ion Ratio Lower Upper
88 100
43 33.5 26.6 39.8
58 70.7 55.9 83.9

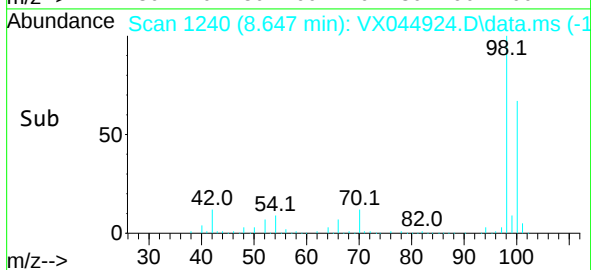
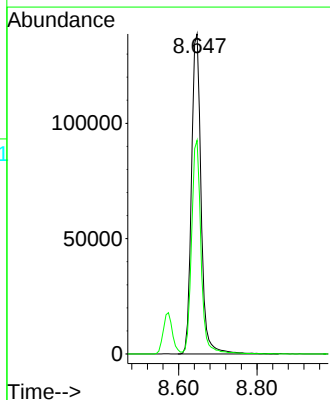
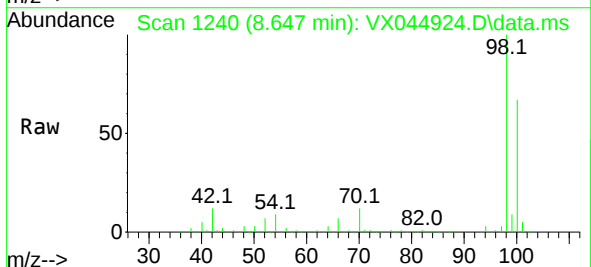
Manual Integrations
APPROVED

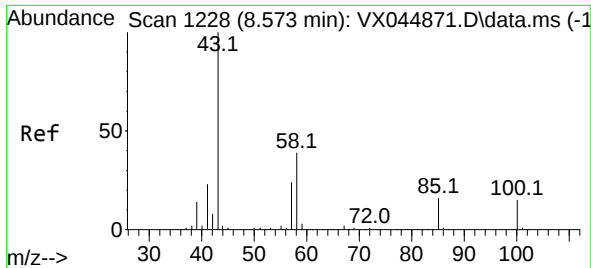
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#50
Toluene-d8
Concen: 49.426 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

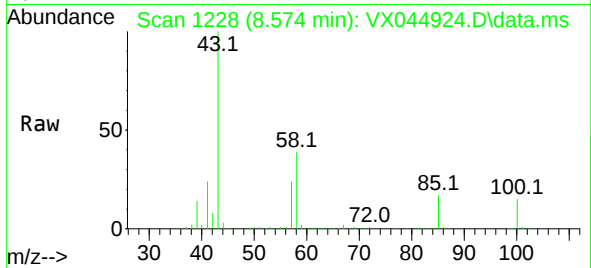
Tgt Ion: 98 Resp: 237599
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 106.108 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

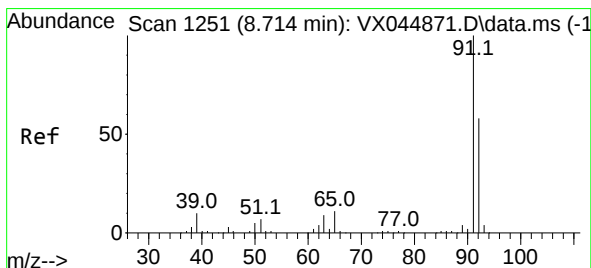
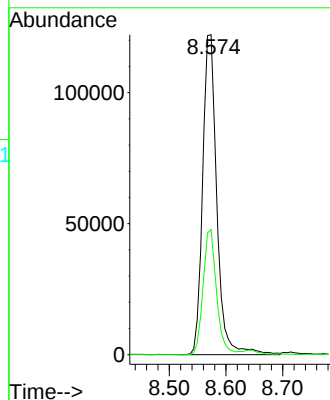
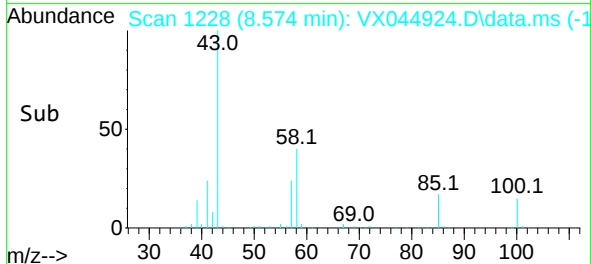
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 43 Resp: 212510
Ion Ratio Lower Upper
43 100
58 36.9 30.8 46.2

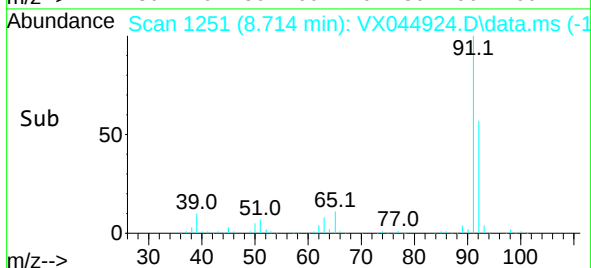
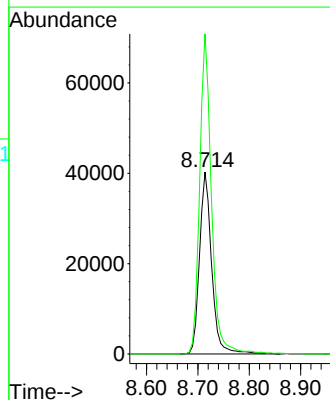
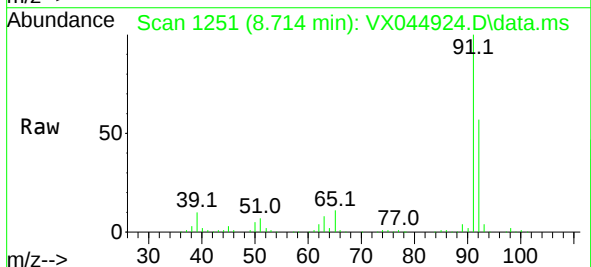
Manual Integrations
APPROVED

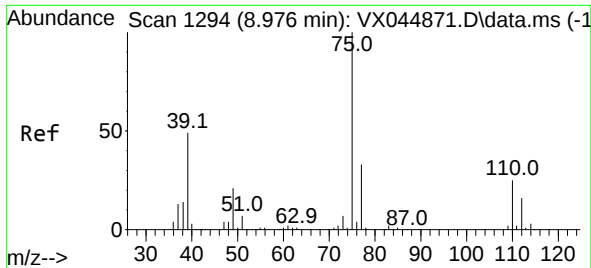
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#52
Toluene
Concen: 19.378 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

Tgt Ion: 92 Resp: 66094
Ion Ratio Lower Upper
92 100
91 171.6 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 17.789 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

Tgt Ion: 75 Resp: 3444

Ion Ratio Lower Upper

75 100

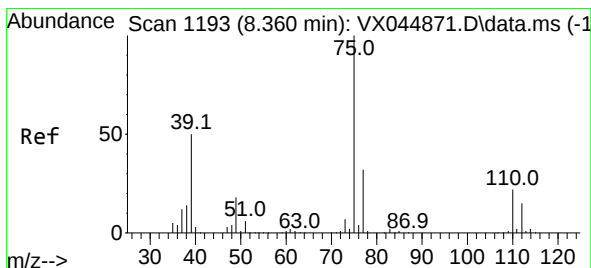
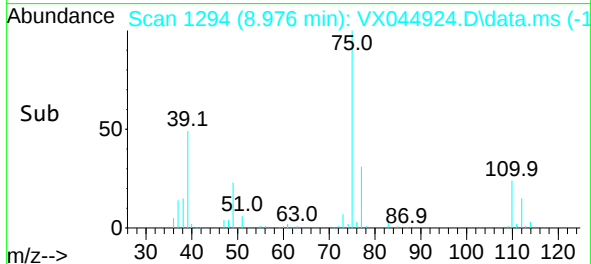
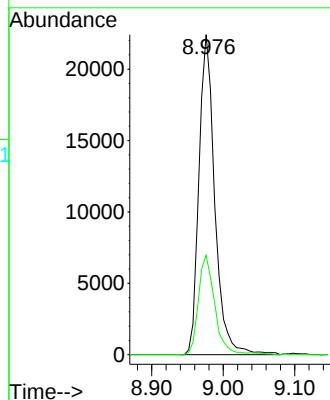
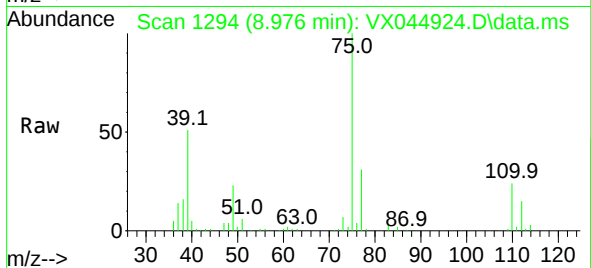
77 31.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#54

cis-1,3-Dichloropropene

Concen: 19.267 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

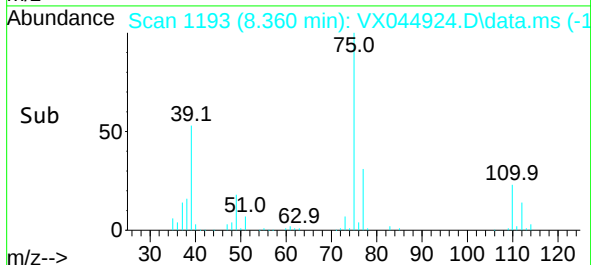
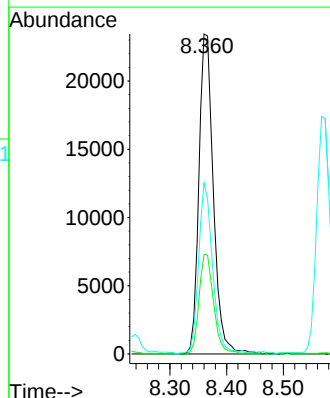
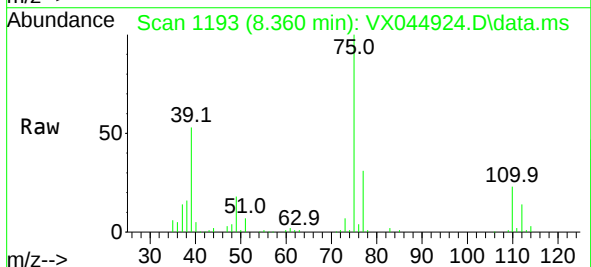
Tgt Ion: 75 Resp: 41592

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 53.0 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 20.293 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

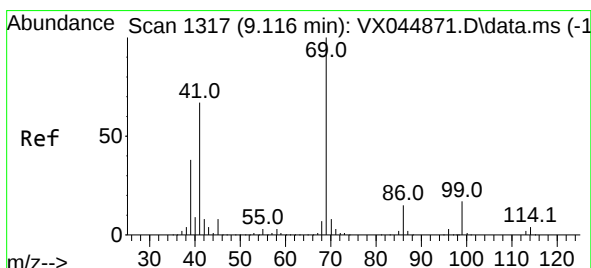
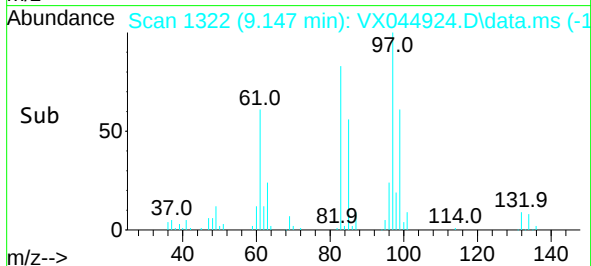
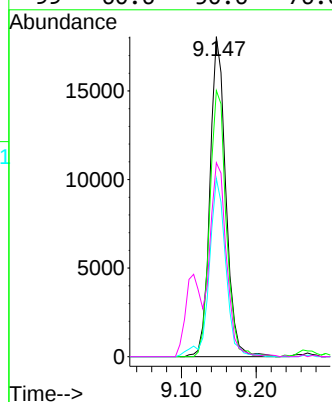
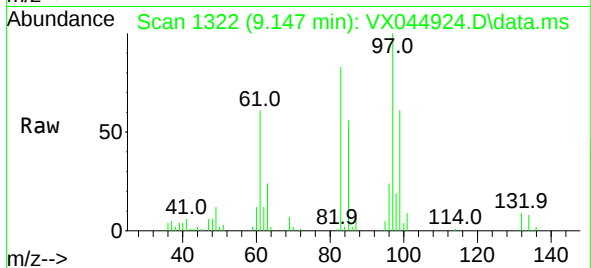
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.8	104.6
85	55.6	44.8	67.2
99	60.6	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#56

Ethyl methacrylate

Concen: 19.170 ug/l

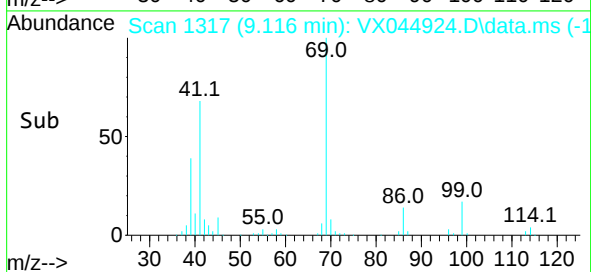
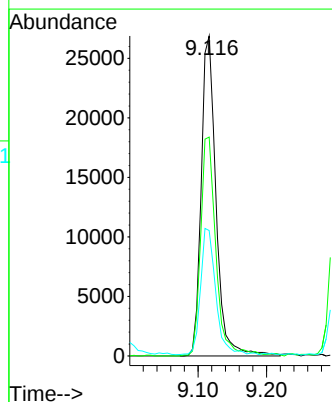
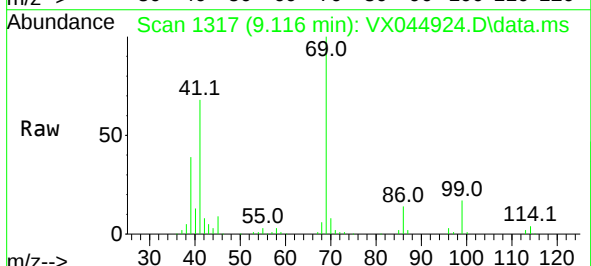
RT: 9.116 min Scan# 1317

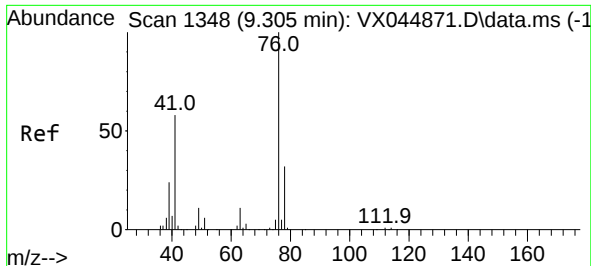
Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.6	55.2	82.8
39	40.4	30.8	46.2





#57

1,3-Dichloropropane

Concen: 20.357 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044924.D

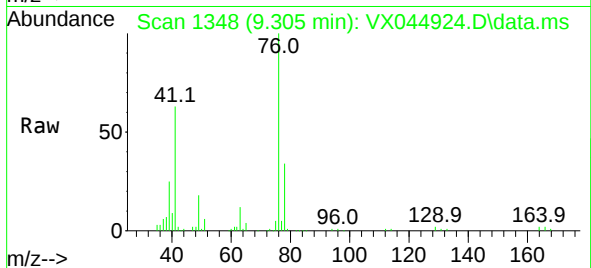
Acq: 12 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01



Tgt Ion: 76 Resp: 46702

Ion Ratio Lower Upper

76 100

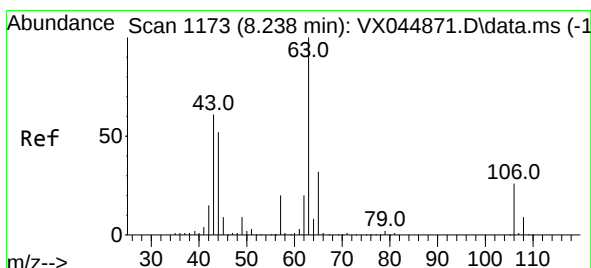
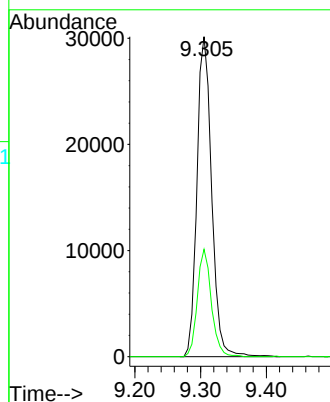
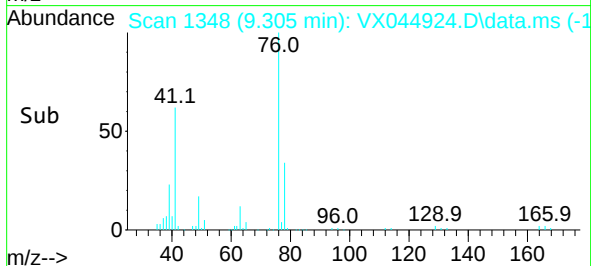
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 99.959 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044924.D

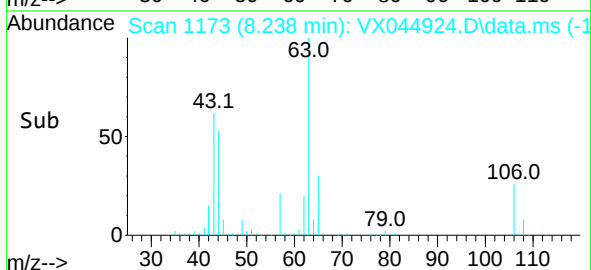
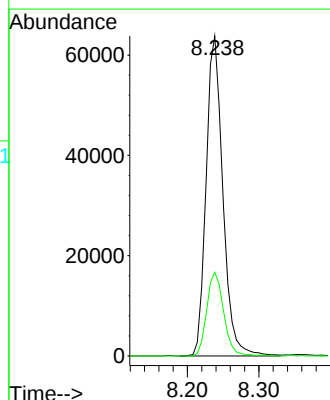
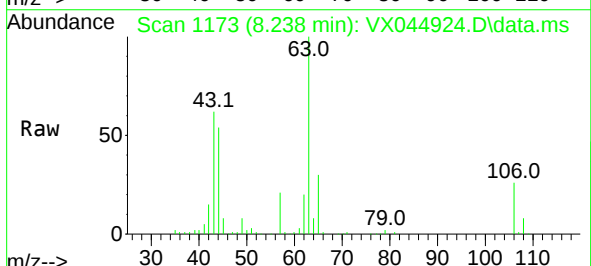
Acq: 12 Feb 2025 11:46

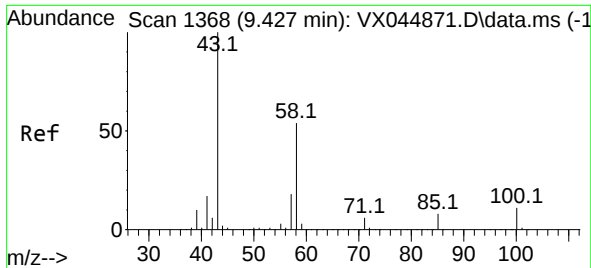
Tgt Ion: 63 Resp: 103937

Ion Ratio Lower Upper

63 100

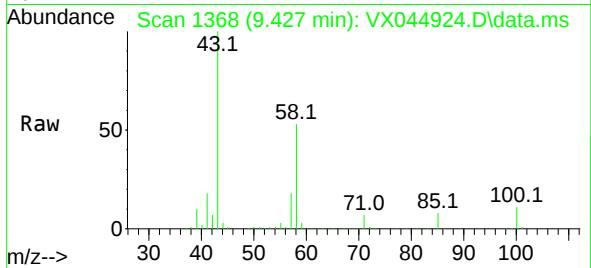
106 26.4 21.3 31.9





#59
2-Hexanone
Concen: 106.078 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

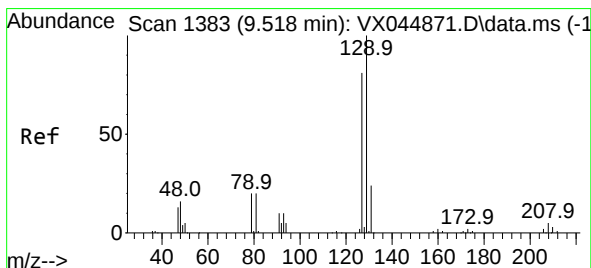
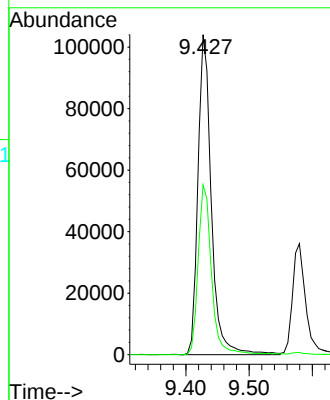
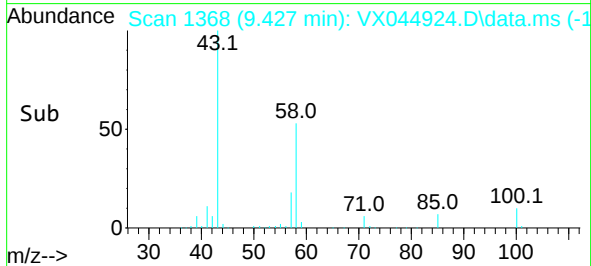
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 43 Resp: 15307
Ion Ratio Lower Upper
43 100
58 52.9 27.5 82.4

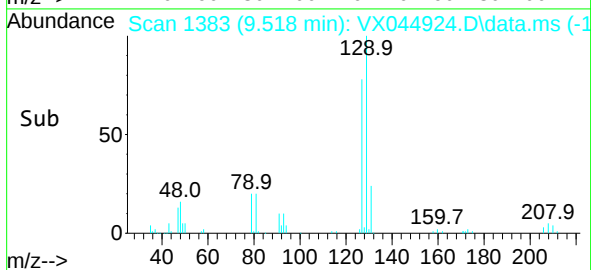
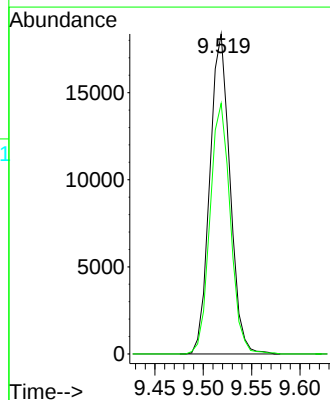
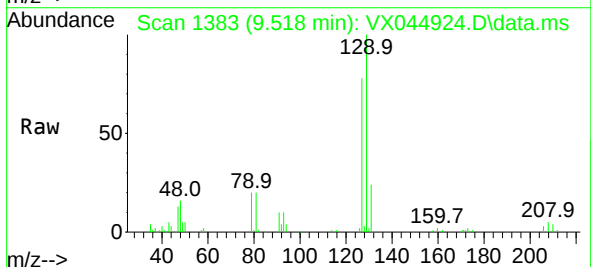
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 19.022 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

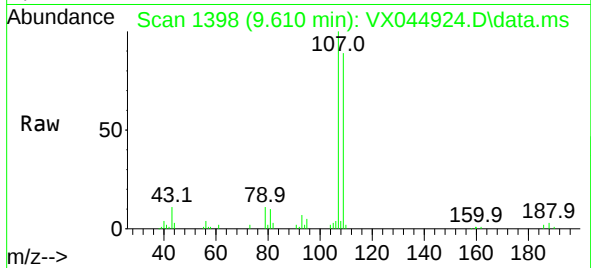
Tgt Ion:129 Resp: 26674
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.3





#61
1,2-Dibromoethane
Concen: 19.569 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

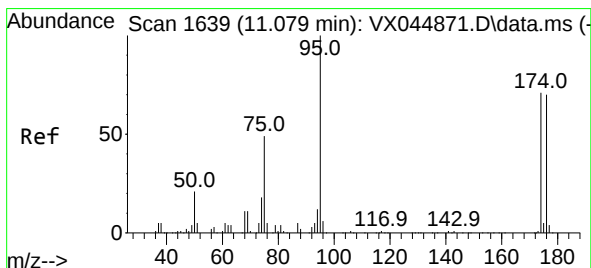
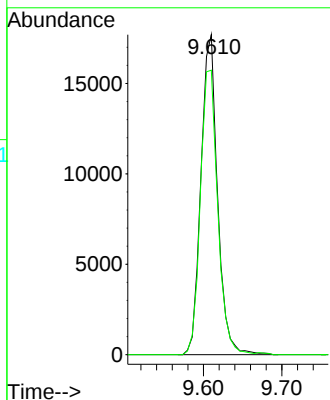
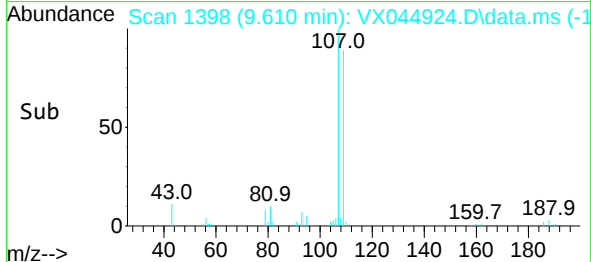
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



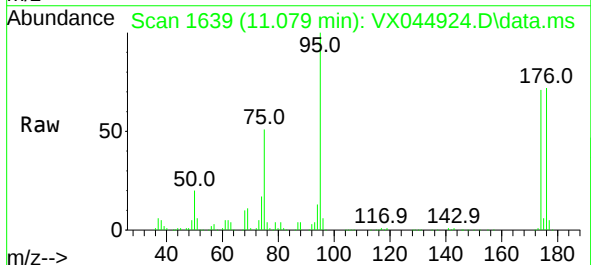
Tgt Ion:107 Resp: 26000
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9

Manual Integrations
APPROVED

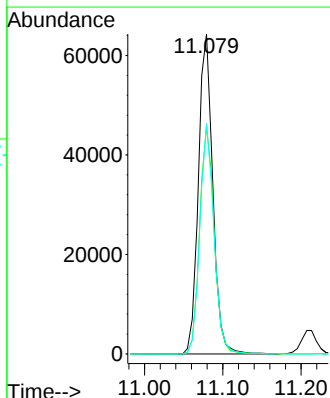
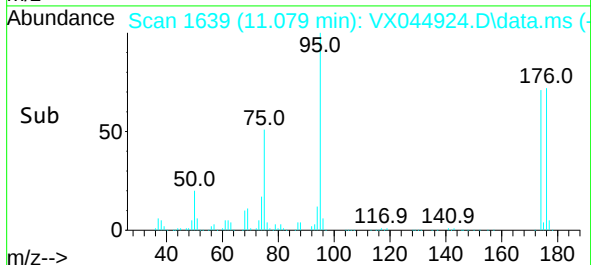
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

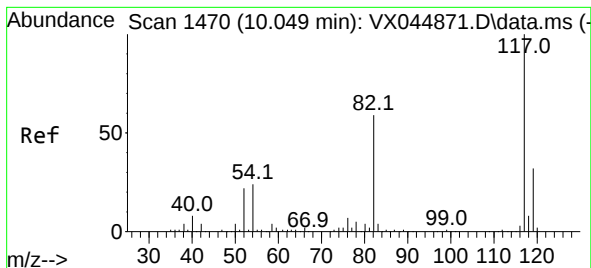


#62
4-Bromofluorobenzene
Concen: 50.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



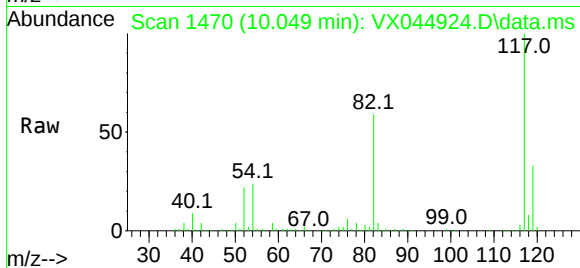
Tgt Ion: 95 Resp: 82362
Ion Ratio Lower Upper
95 100
174 71.4 0.0 142.6
176 70.3 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

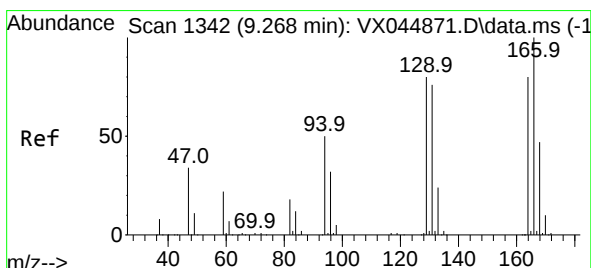
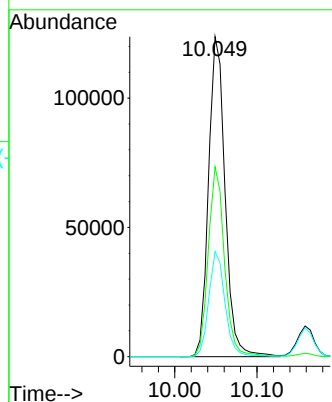
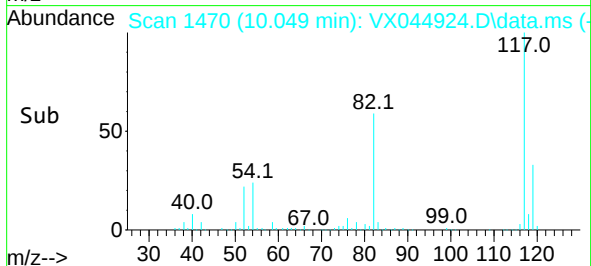
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



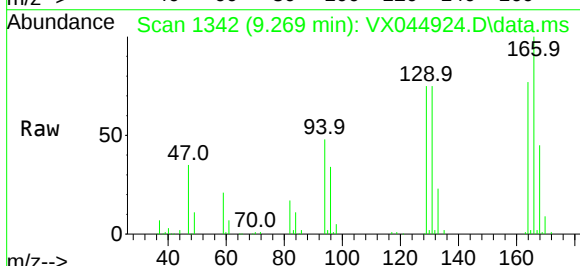
Tgt Ion:117 Resp: 17296
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 32.9 25.4 38.0

Manual Integrations
APPROVED

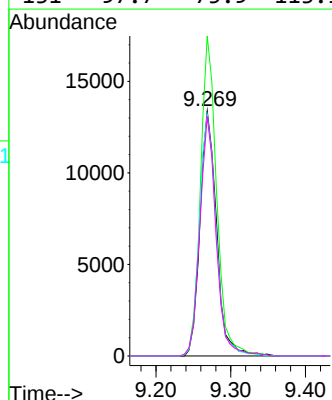
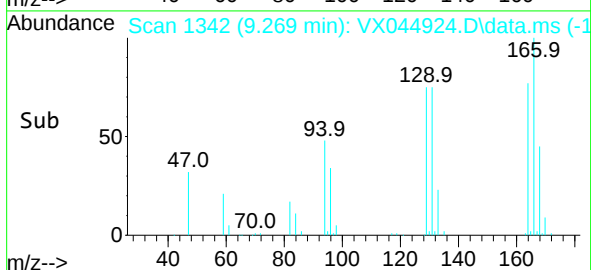
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

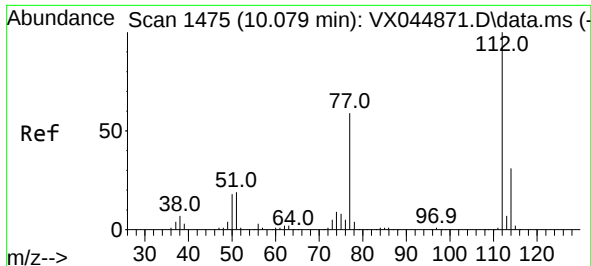


#64
Tetrachloroethene
Concen: 19.003 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



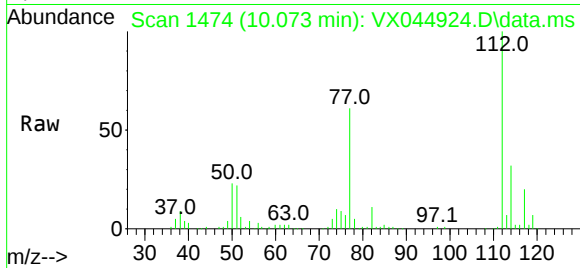
Tgt Ion:164 Resp: 20728
Ion Ratio Lower Upper
164 100
166 130.6 100.4 150.6
129 98.4 79.9 119.9
131 97.7 75.9 113.9





#65
Chlorobenzene
Concen: 19.047 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

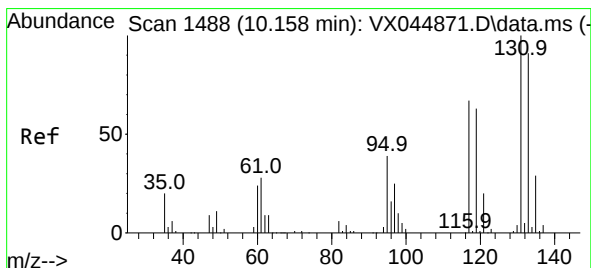
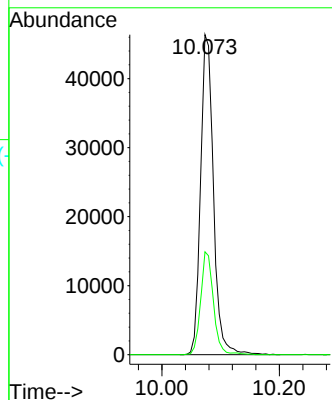
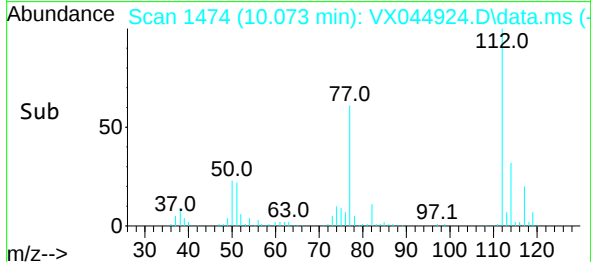
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



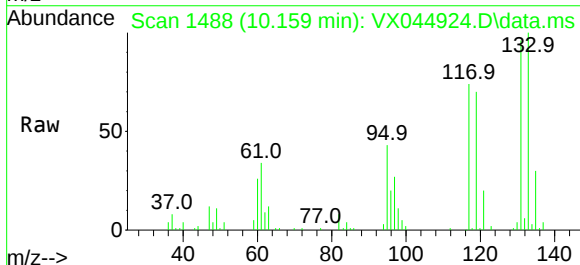
Tgt Ion:112 Resp: 70760
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6

Manual Integrations
APPROVED

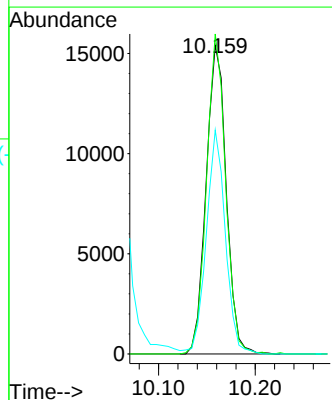
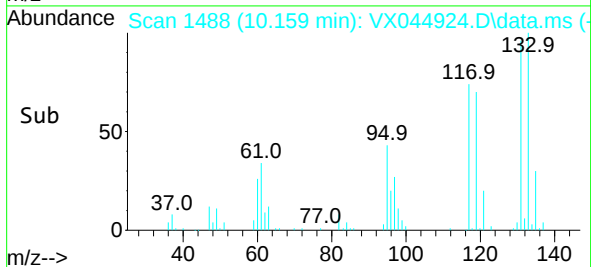
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

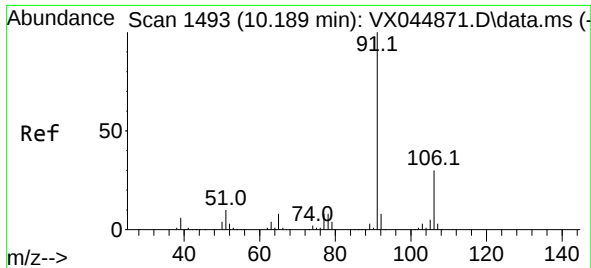


#66
1,1,1,2-Tetrachloroethane
Concen: 18.675 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



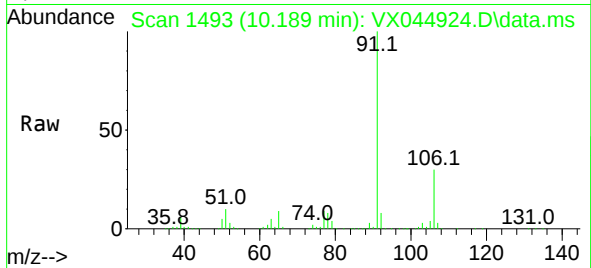
Tgt Ion:131 Resp: 22330
Ion Ratio Lower Upper
131 100
133 98.4 47.1 141.3
119 68.7 33.6 100.6





#67
Ethyl Benzene
Concen: 19.032 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

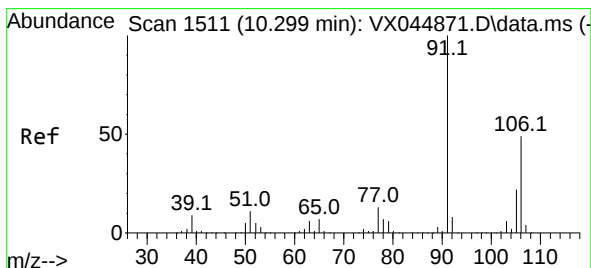
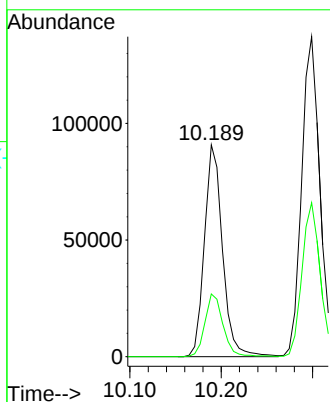
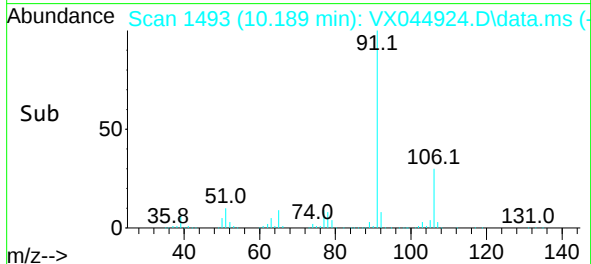
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



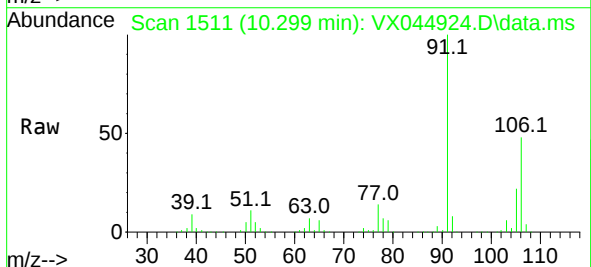
Tgt Ion: 91 Resp: 12476
Ion Ratio Lower Upper
91 100
106 29.6 23.9 35.9

Manual Integrations
APPROVED

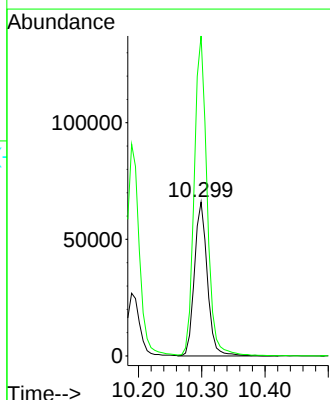
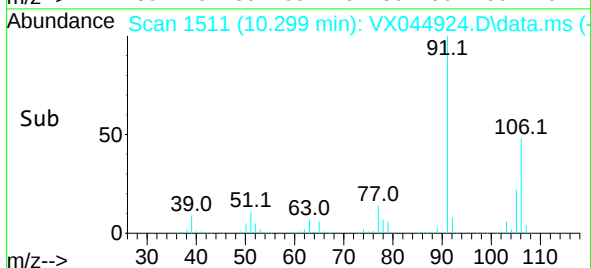
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#68
m/p-Xylenes
Concen: 38.868 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



Tgt Ion:106 Resp: 93995
Ion Ratio Lower Upper
106 100
91 206.9 164.3 246.5





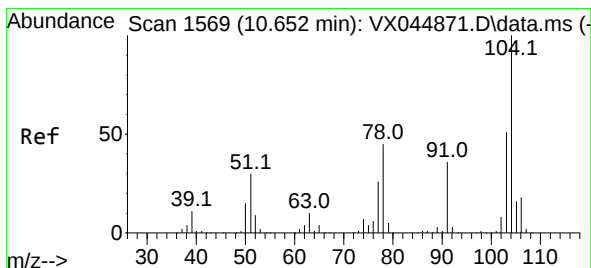
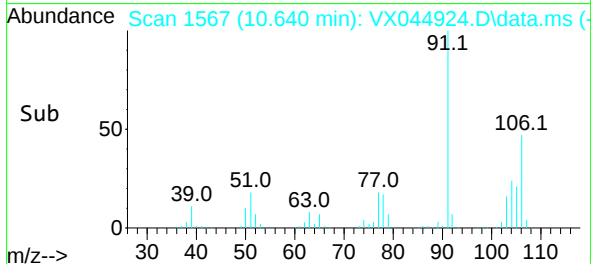
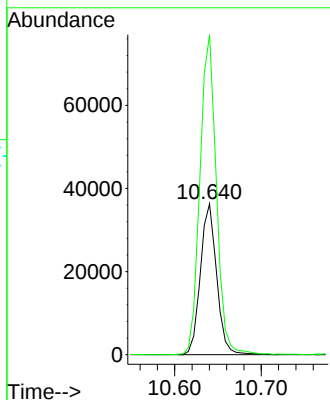
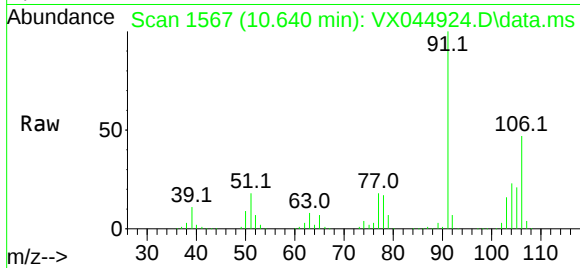
#69
o-Xylene
Concen: 19.524 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Tgt Ion:106 Resp: 47375
Ion Ratio Lower Upper
106 100
91 214.9 108.5 325.5

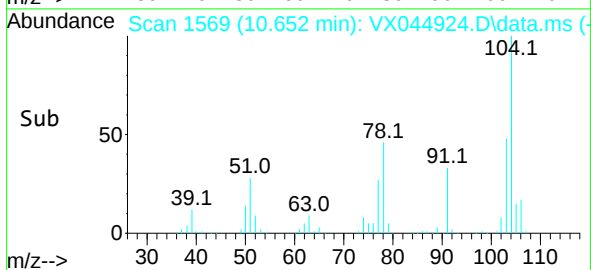
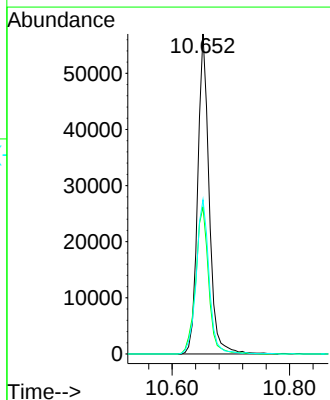
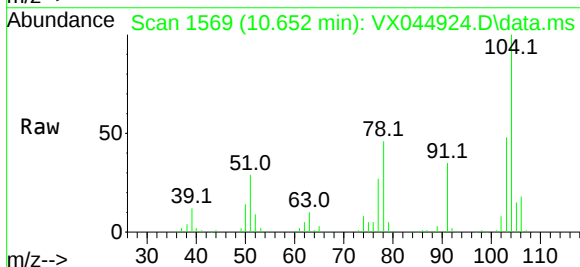
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 19.743 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

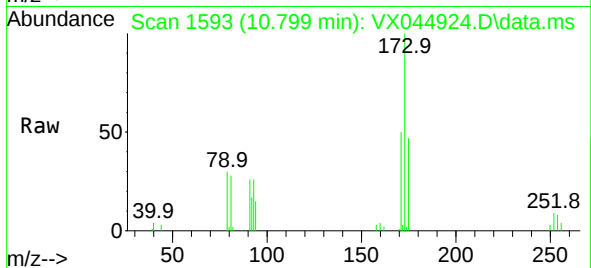
Tgt Ion:104 Resp: 77185
Ion Ratio Lower Upper
104 100
78 51.9 40.5 60.7
103 53.8 43.6 65.4





#71
Bromoform
Concen: 19.365 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

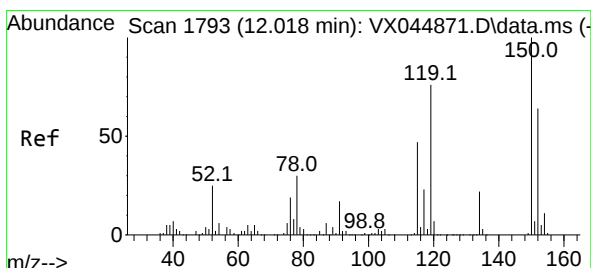
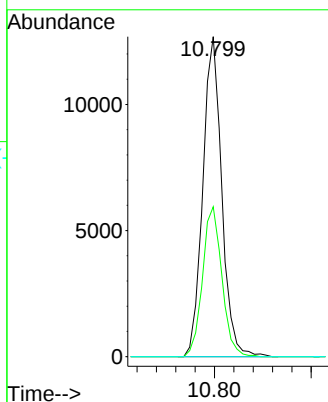
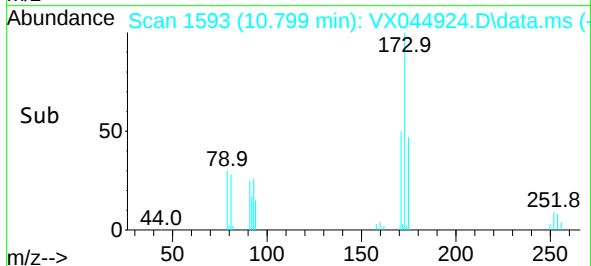
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



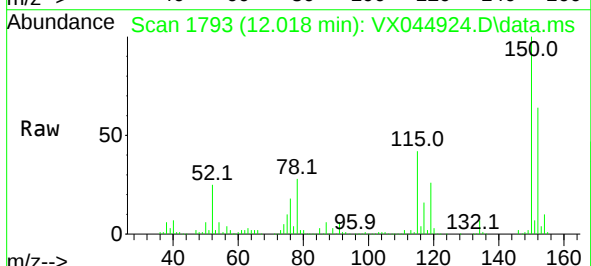
Tgt Ion:173 Resp: 1728
Ion Ratio Lower Upper
173 100
175 47.9 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

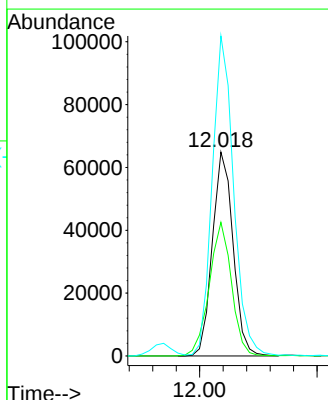
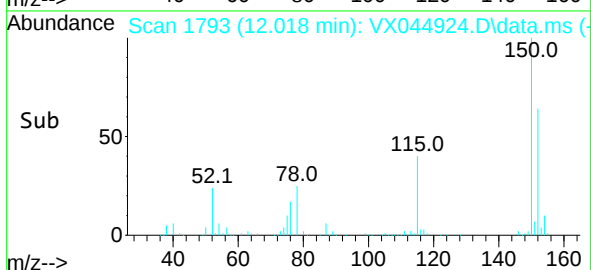
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

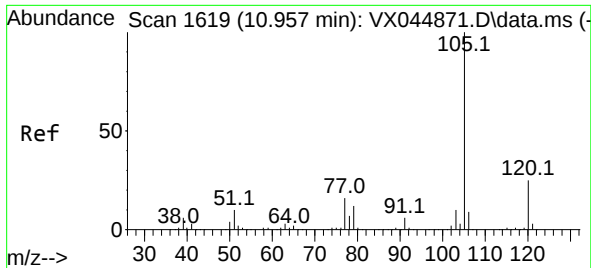


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



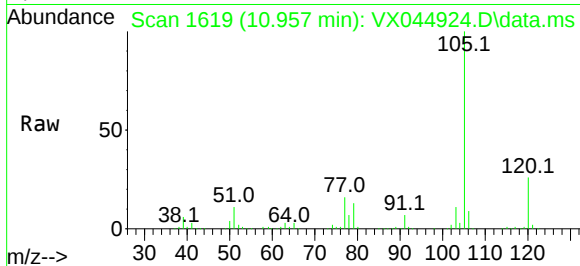
Tgt Ion:152 Resp: 79611
Ion Ratio Lower Upper
152 100
115 70.2 43.4 130.1
150 161.8 0.0 350.4





#73
Isopropylbenzene
Concen: 18.671 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

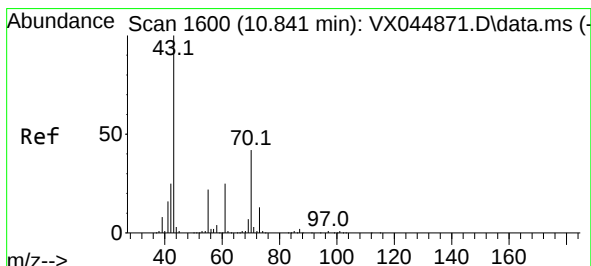
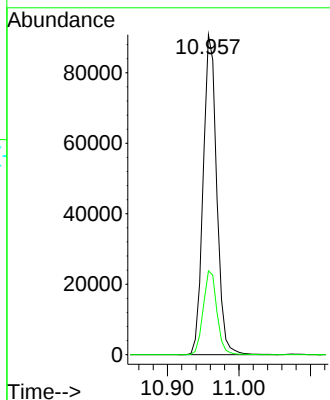
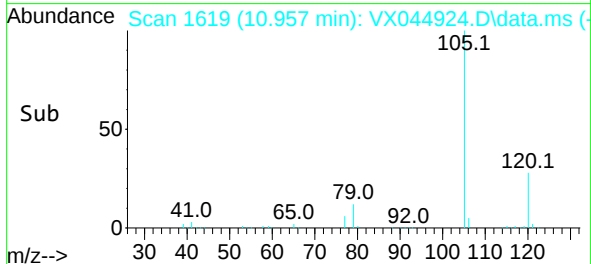
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



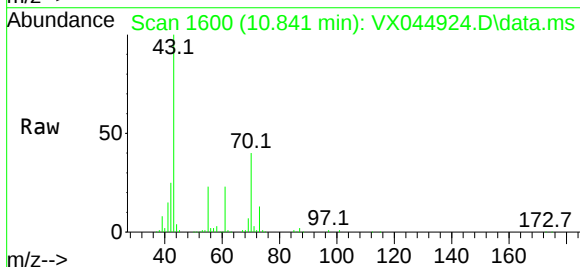
Tgt Ion:105 Resp: 11968
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

Manual Integrations
APPROVED

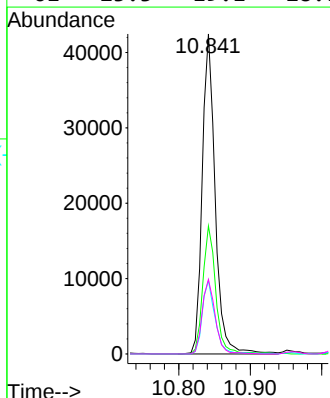
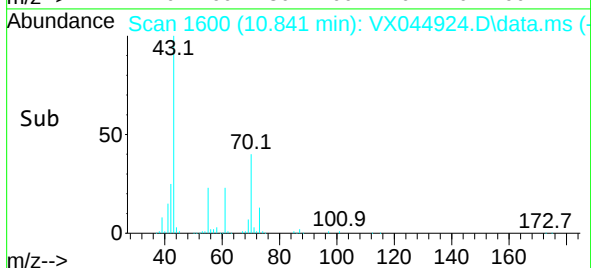
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#74
N-ethyl acetate
Concen: 18.396 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



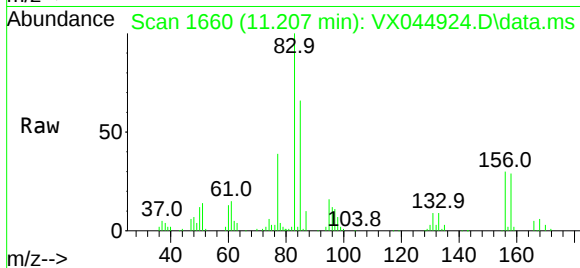
Tgt Ion: 43 Resp: 53361
Ion Ratio Lower Upper
43 100
70 40.2 33.7 50.5
55 22.7 18.6 27.8
61 23.3 19.1 28.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.190 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

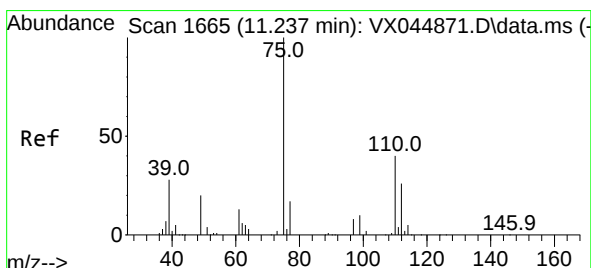
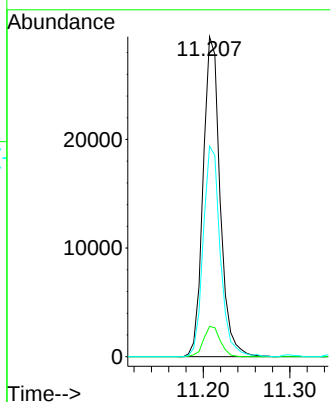
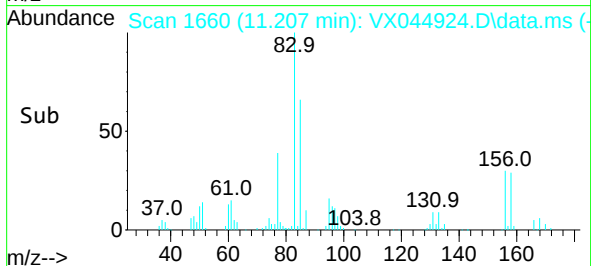
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



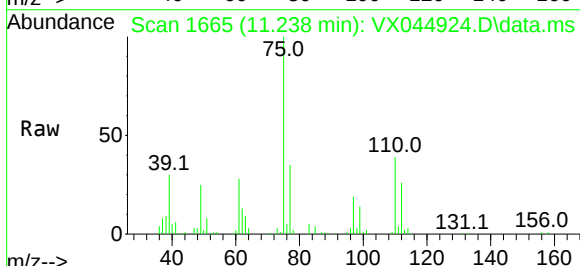
Tgt Ion: 83 Resp: 4006
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.5
85 66.2 32.3 96.8

Manual Integrations
APPROVED

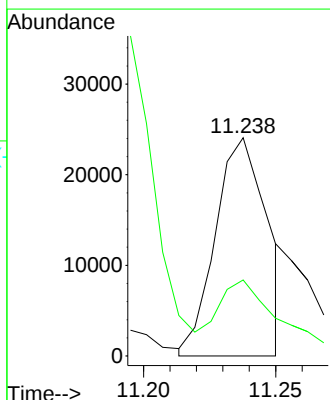
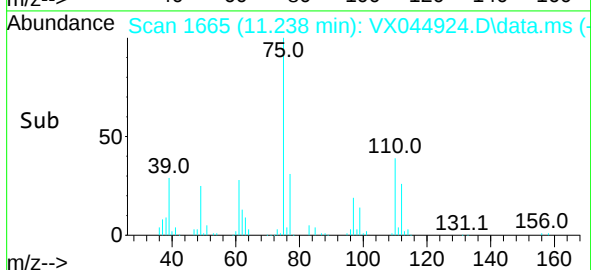
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

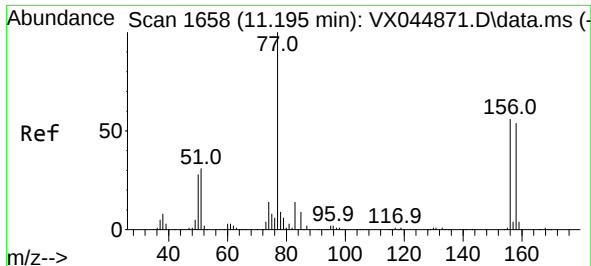


#76
1,2,3-Trichloropropane
Concen: 18.575 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



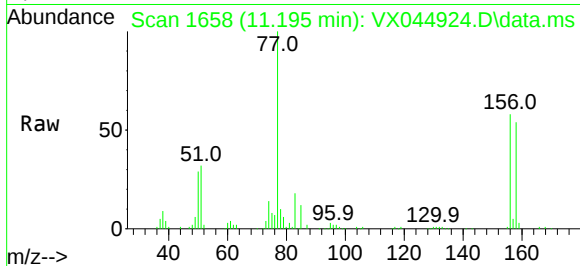
Tgt Ion: 75 Resp: 32786
Ion Ratio Lower Upper
75 100
77 42.5 21.9 65.7





#77
Bromobenzene
Concen: 19.015 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

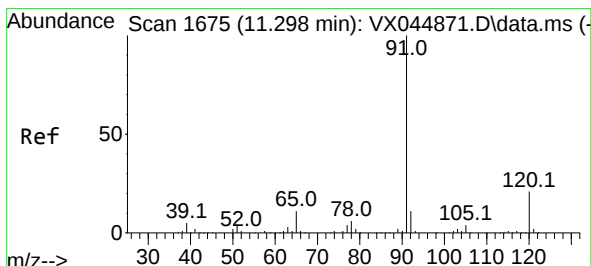
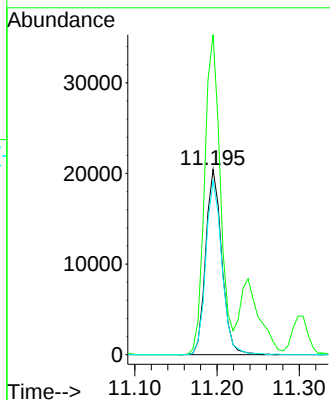
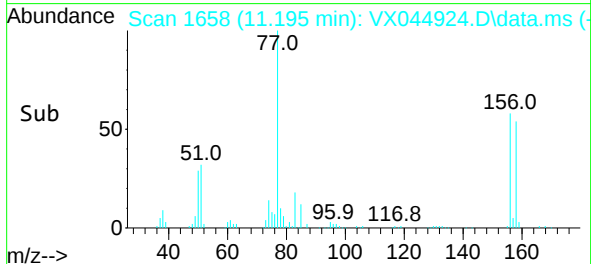
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



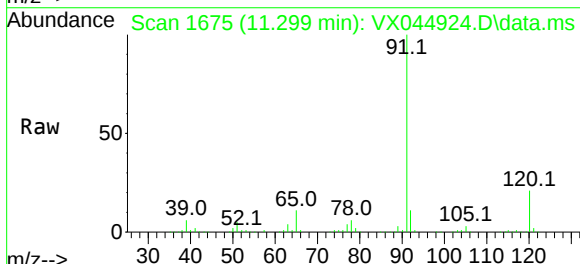
Tgt Ion:156 Resp: 27638
Ion Ratio Lower Upper
156 100
77 170.3 88.4 265.3
158 94.5 48.4 145.2

Manual Integrations
APPROVED

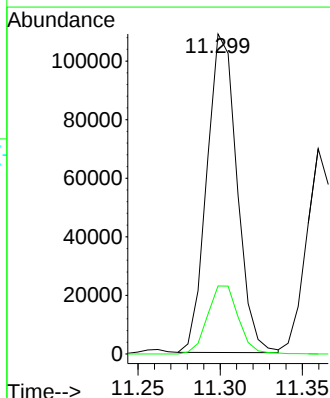
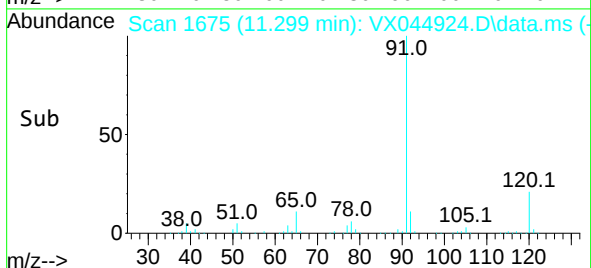
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#78
n-propylbenzene
Concen: 18.758 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



Tgt Ion: 91 Resp: 138789
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.3





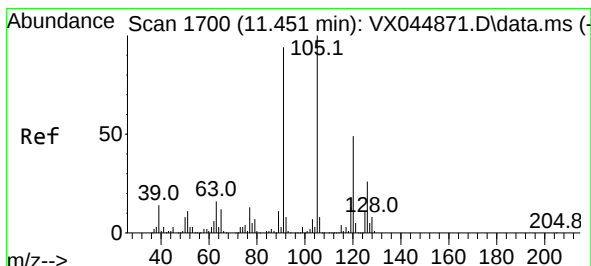
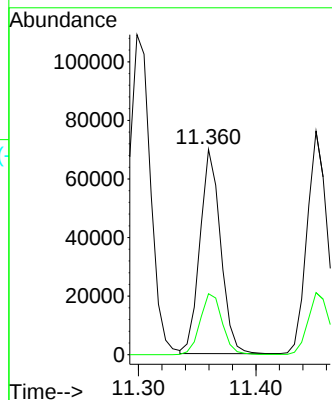
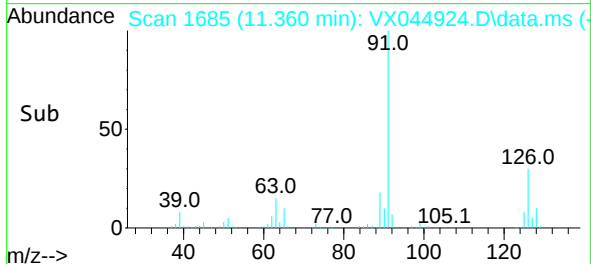
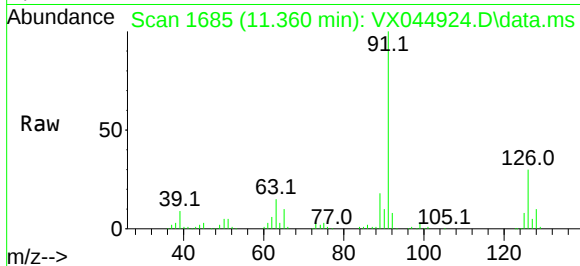
#79
2-Chlorotoluene
Concen: 18.770 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Tgt Ion: 91 Resp: 8535
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6

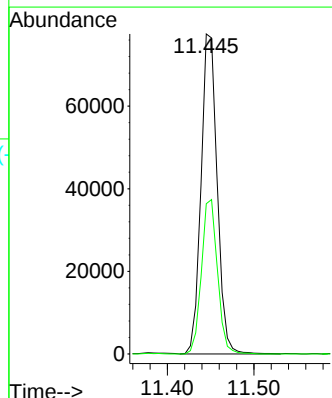
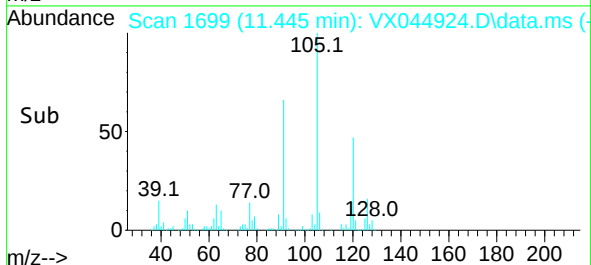
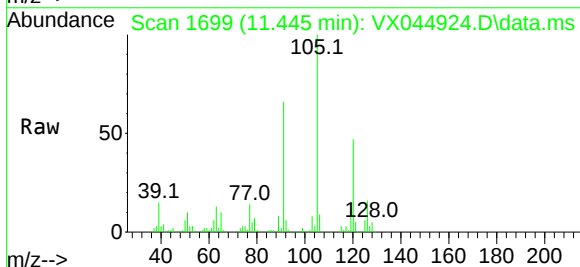
Manual Integrations
APPROVED

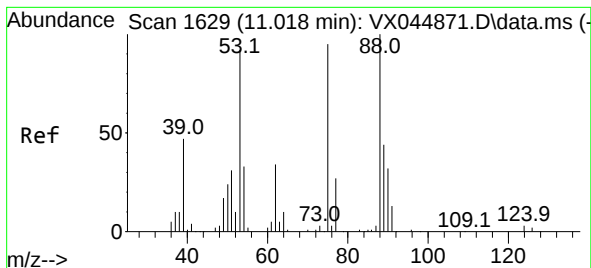
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.305 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

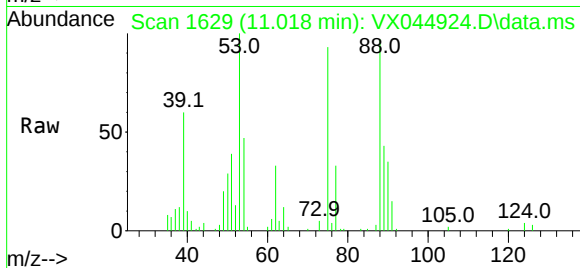
Tgt Ion:105 Resp: 100422
Ion Ratio Lower Upper
105 100
120 47.9 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 15.935 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

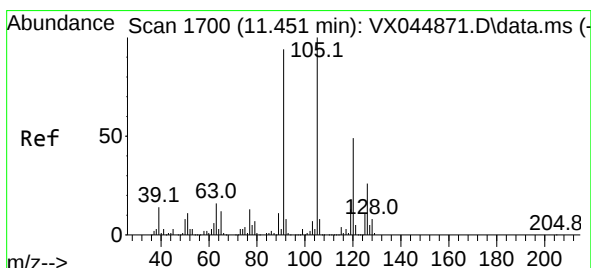
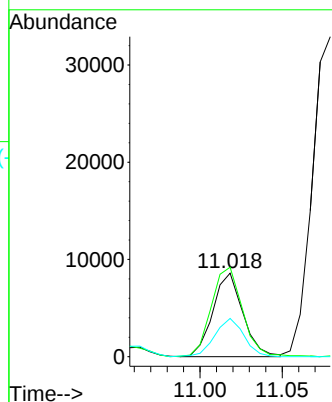
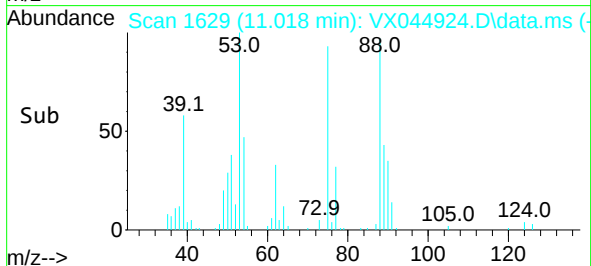
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 75 Resp: 10934
Ion Ratio Lower Upper
75 100
53 111.0 78.0 117.0
89 44.5 36.6 54.8

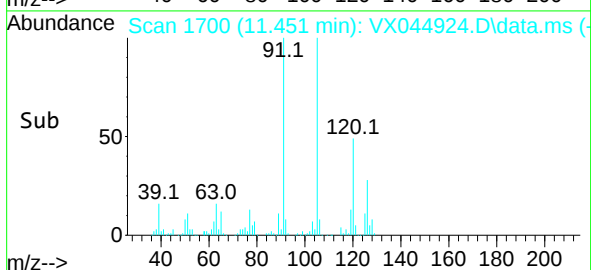
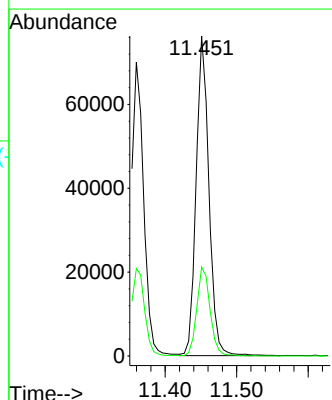
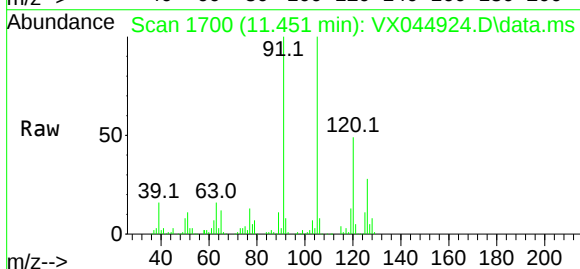
Manual Integrations
APPROVED

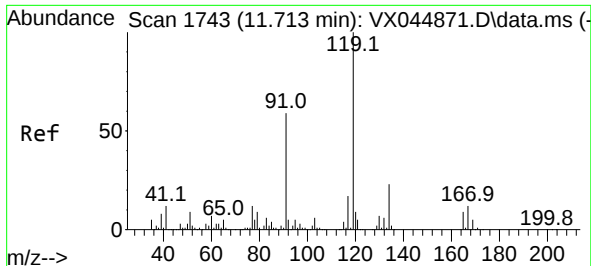
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#82
4-Chlorotoluene
Concen: 18.774 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

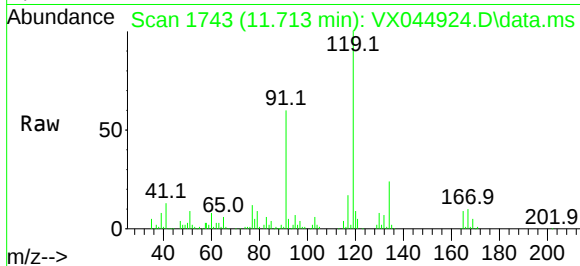
Tgt Ion: 91 Resp: 94450
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.884 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

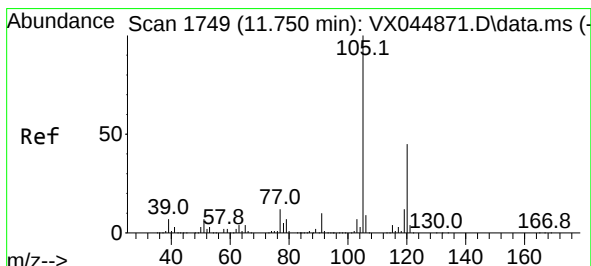
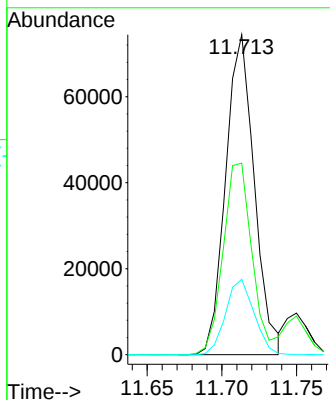
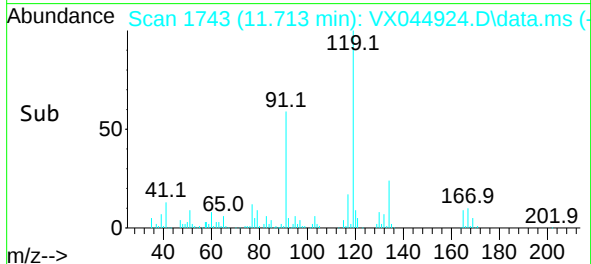
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



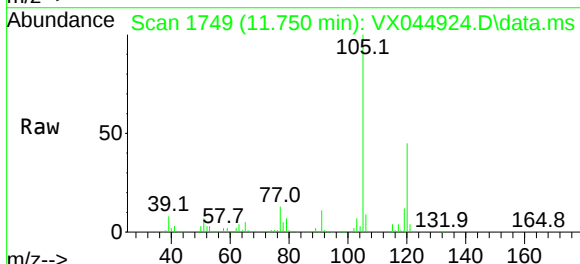
Tgt Ion:119 Resp: 99375
Ion Ratio Lower Upper
119 100
91 59.7 29.1 87.4
134 23.3 11.5 34.5

Manual Integrations
APPROVED

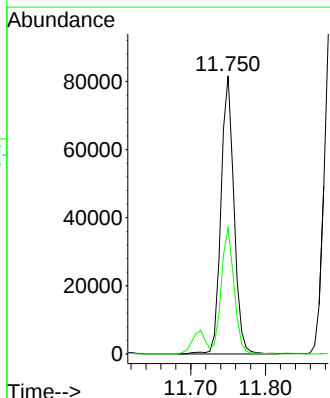
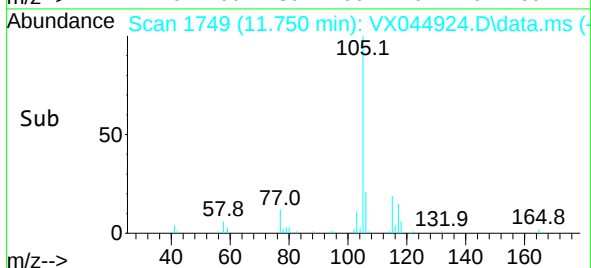
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

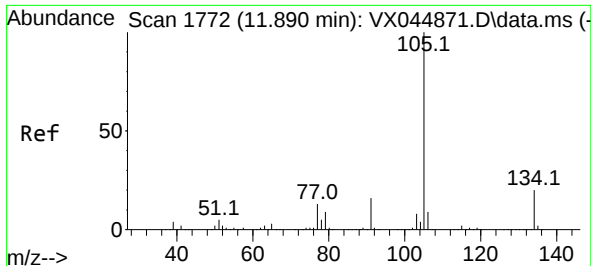


#84
1,2,4-Trimethylbenzene
Concen: 19.251 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



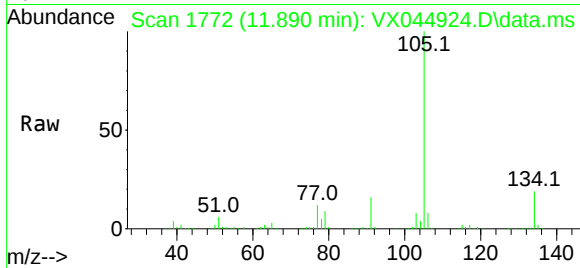
Tgt Ion:105 Resp: 98836
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 18.980 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044924.D
 Acq: 12 Feb 2025 11:46

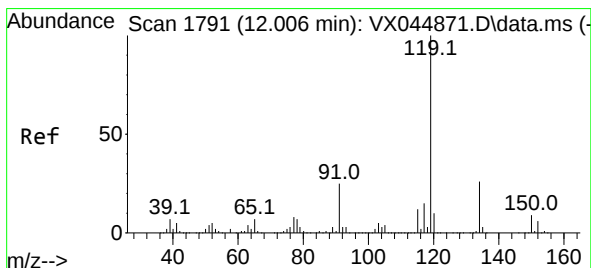
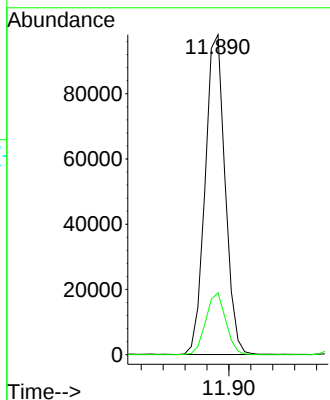
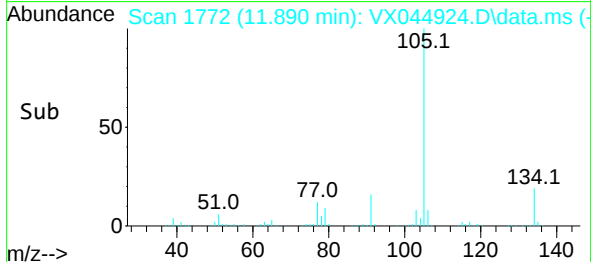
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01



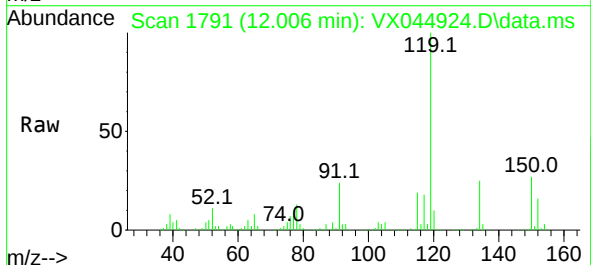
Tgt Ion:105 Resp: 12368
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

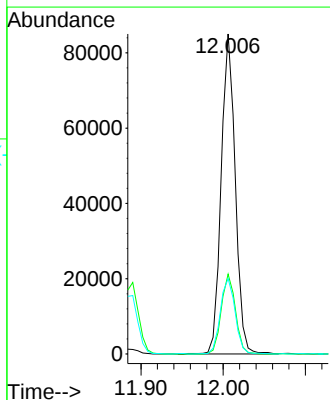
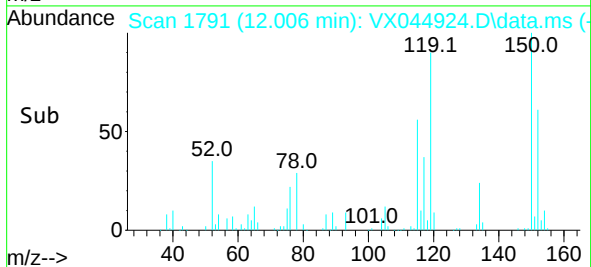
Reviewed By :John Carbone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#86
 p-Isopropyltoluene
 Concen: 19.325 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044924.D
 Acq: 12 Feb 2025 11:46



Tgt Ion:119 Resp: 101272
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.0 38.9
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.265 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

Tgt Ion:146 Resp: 51486

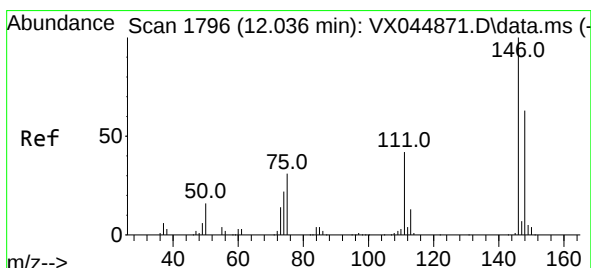
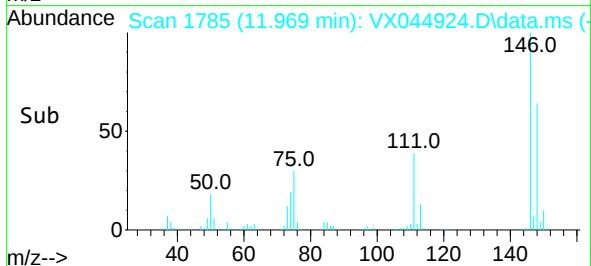
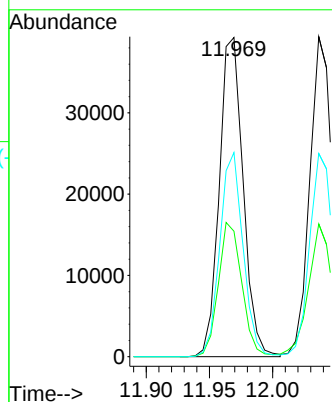
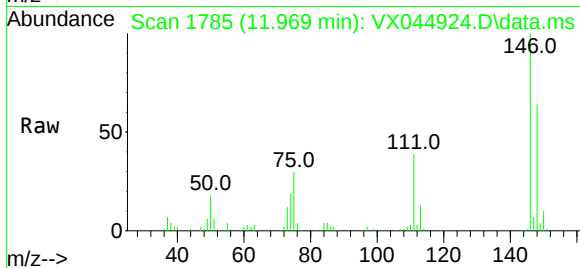
Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.2	63.6
148	62.3	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#88

1,4-Dichlorobenzene

Concen: 18.476 ug/l

RT: 12.036 min Scan# 1796

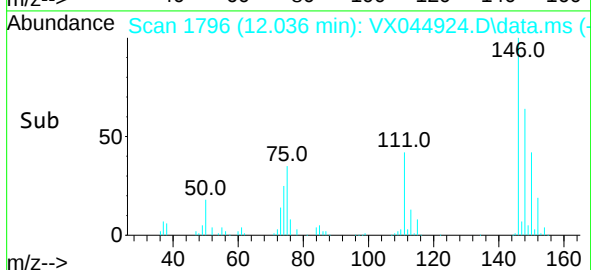
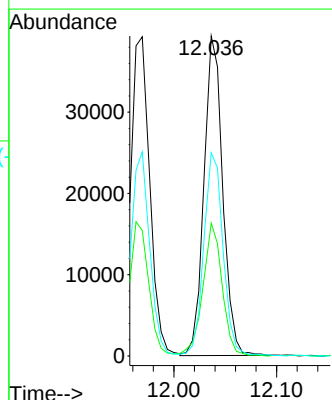
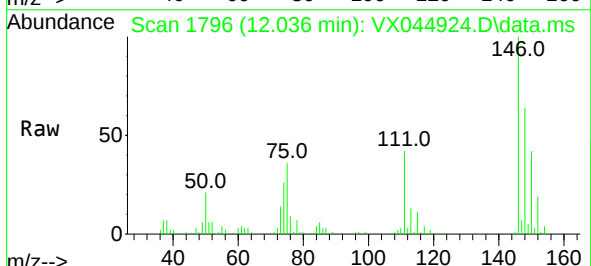
Delta R.T. 0.000 min

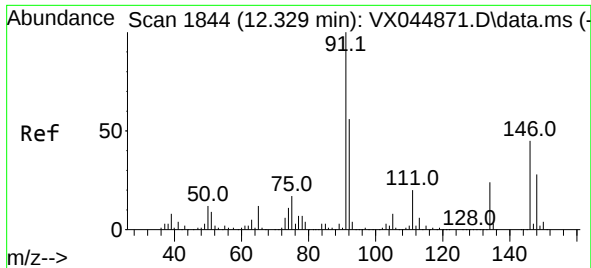
Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Tgt Ion:146 Resp: 49926

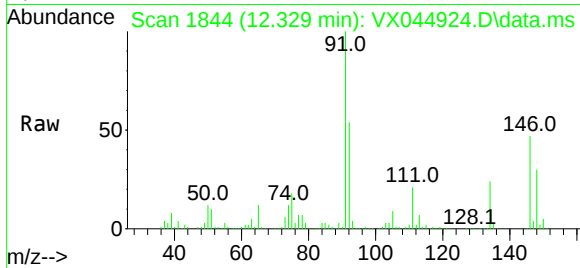
Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.4	61.3
148	65.6	32.0	96.0





#89
n-Butylbenzene
Concen: 19.025 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

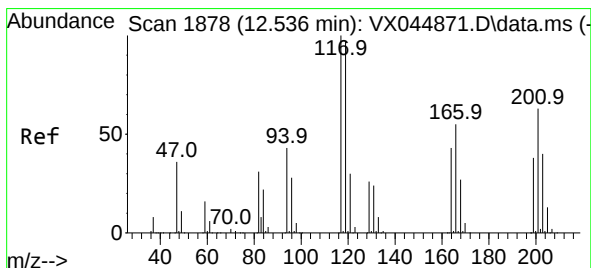
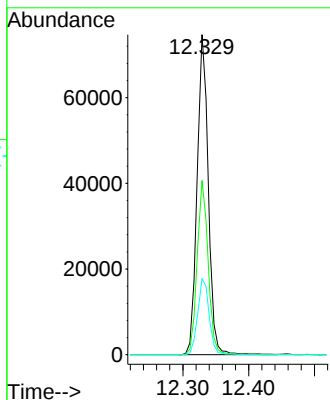
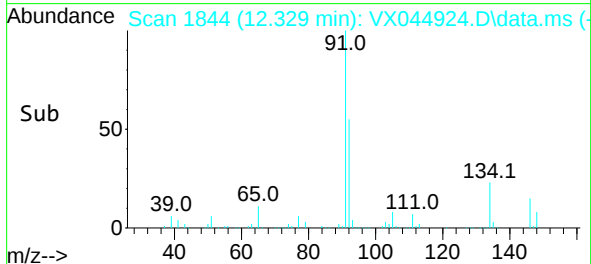
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



Tgt Ion: 91 Resp: 88204
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.6
134 24.4 12.1 36.3

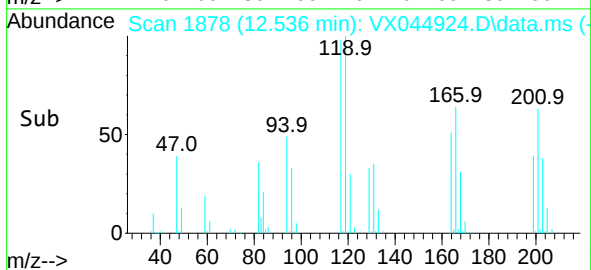
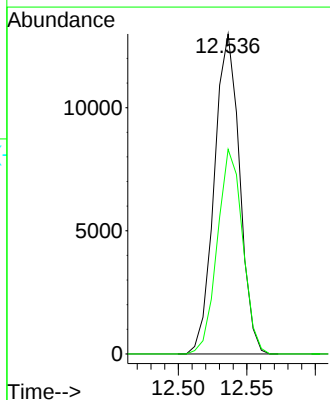
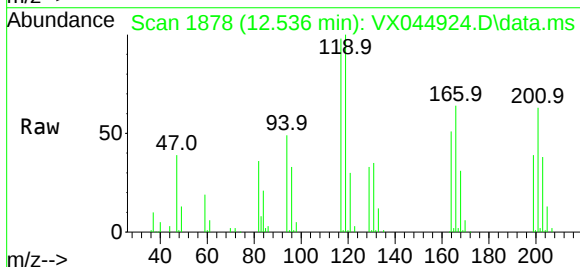
Manual Integrations
APPROVED

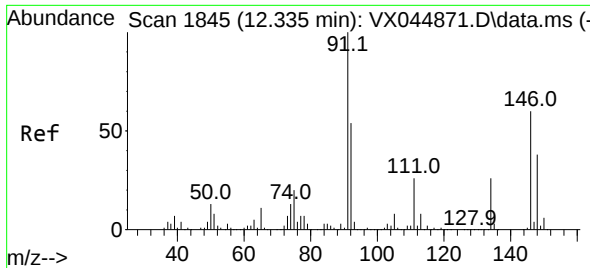
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#90
Hexachloroethane
Concen: 16.999 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

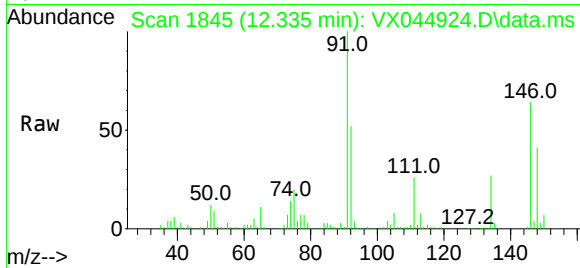
Tgt Ion:117 Resp: 16680
Ion Ratio Lower Upper
117 100
201 64.0 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 19.114 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

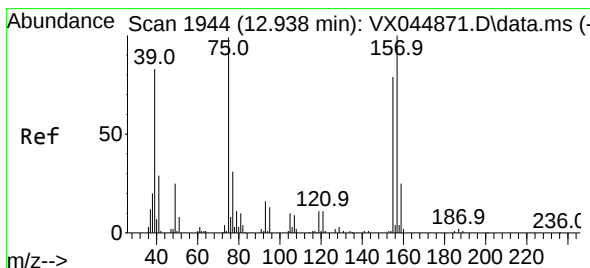
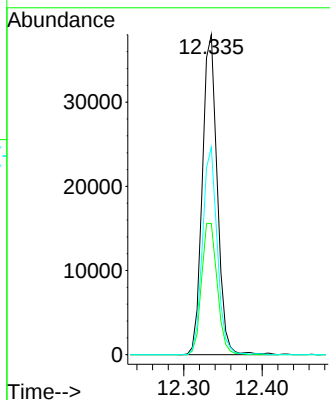
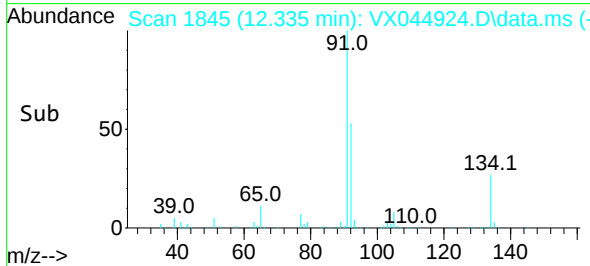
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



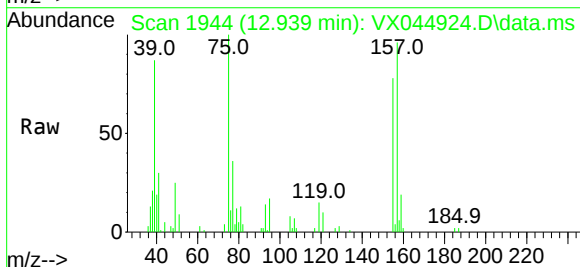
Tgt Ion:146 Resp: 50200
Ion Ratio Lower Upper
146 100
111 43.1 21.8 65.4
148 63.7 31.9 95.9

Manual Integrations
APPROVED

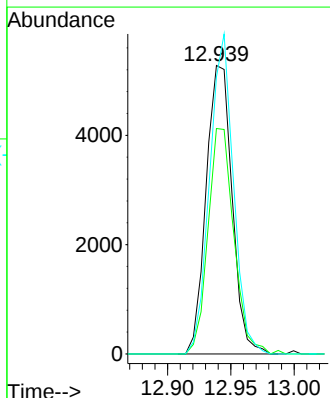
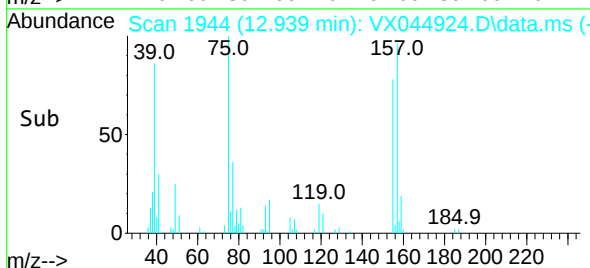
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

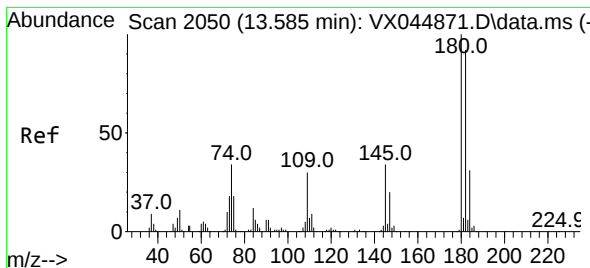


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.713 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



Tgt Ion: 75 Resp: 7523
Ion Ratio Lower Upper
75 100
155 78.1 40.5 121.4
157 101.7 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 17.801 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

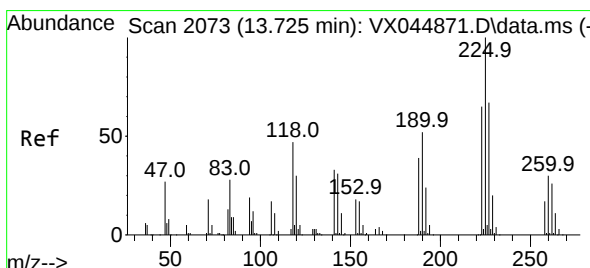
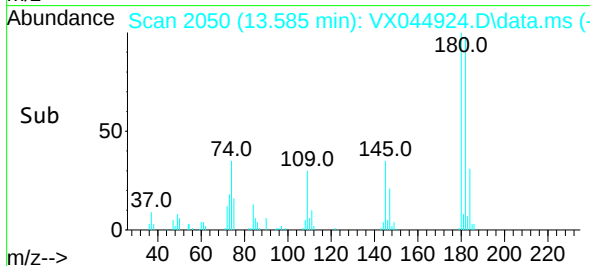
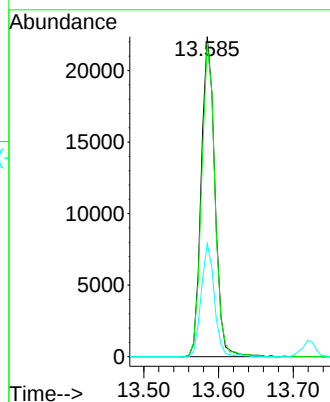
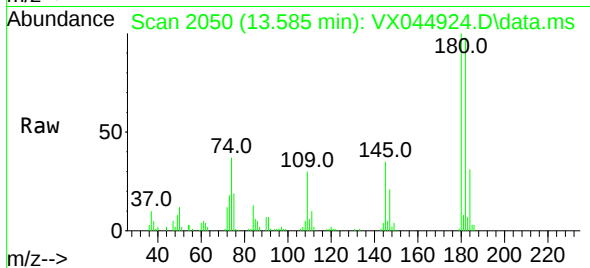
Tgt Ion:180	Resp:	2829
Ion Ratio	Lower	Upper
180	100	
182	96.5	47.6 142.8
145	33.8	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#94

Hexachlorobutadiene

Concen: 18.521 ug/l

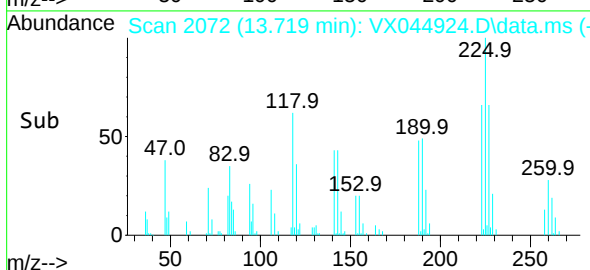
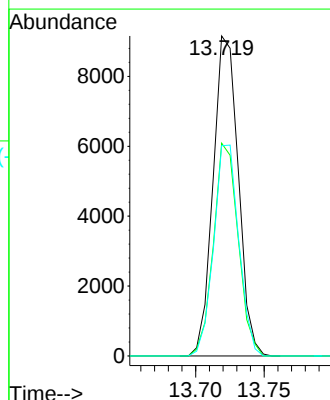
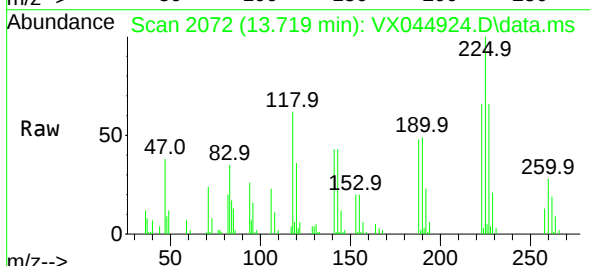
RT: 13.719 min Scan# 2072

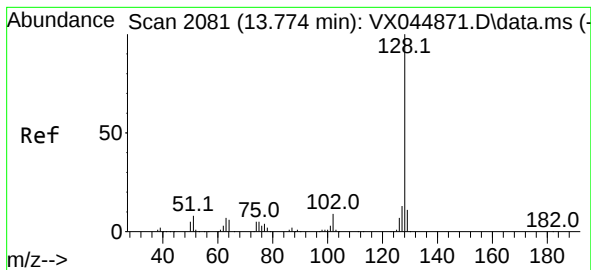
Delta R.T. -0.006 min

Lab File: VX044924.D

Acq: 12 Feb 2025 11:46

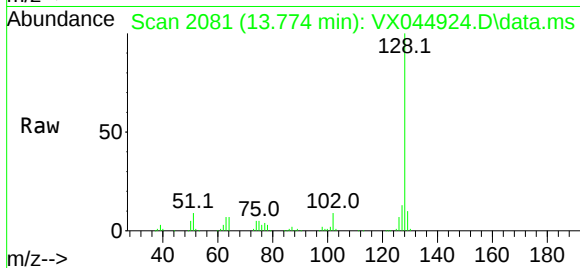
Tgt Ion:225	Resp:	11686
Ion Ratio	Lower	Upper
225	100	
223	65.2	31.4 94.2
227	65.7	32.3 96.8





#95
Naphthalene
Concen: 18.642 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46

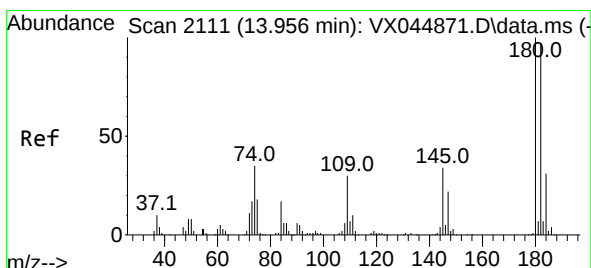
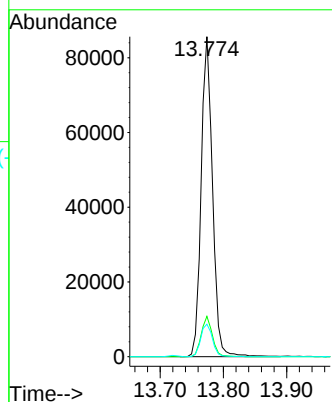
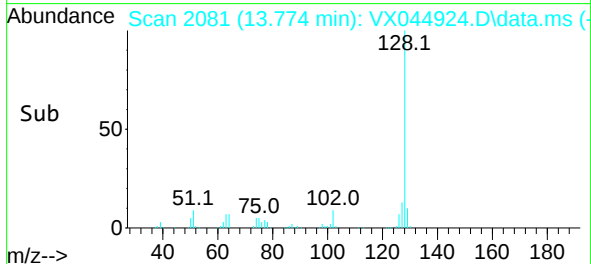
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01



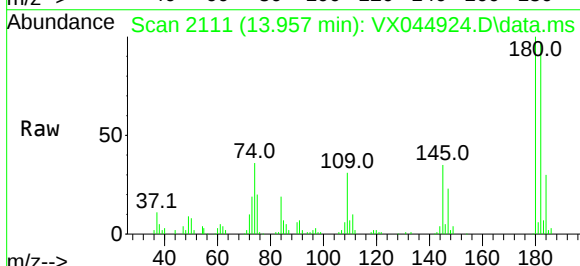
Tgt Ion:128 Resp: 10710
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.6 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.455 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044924.D
Acq: 12 Feb 2025 11:46



Tgt Ion:180 Resp: 29556
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.6
145 33.8 17.1 51.3

