

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045351.D
 Acq On : 20 Mar 2025 11:20
 Operator : JC/MD
 Sample : VX0320WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2025
 Supervised By : Mahesh Dadoda 03/21/2025

Quant Time: Mar 21 01:43:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	90630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81904	56.815	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.620%			
35) Dibromofluoromethane	5.385	113	60253	56.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.980%			
50) Toluene-d8	8.647	98	209297	54.128	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.260%			
62) 4-Bromofluorobenzene	11.079	95	73528	57.385	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20709	18.153	ug/l	97
3) Chloromethane	1.307	50	22722	16.275	ug/l	96
4) Vinyl Chloride	1.374	62	23022	16.623	ug/l	100
5) Bromomethane	1.593	94	10424	19.146	ug/l	100
6) Chloroethane	1.666	64	12968	20.300	ug/l	95
7) Trichlorofluoromethane	1.874	101	35277	19.241	ug/l	100
8) Diethyl Ether	2.130	74	13081	18.241	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	23436	22.249	ug/l	98
10) Methyl Iodide	2.447	142	26203	19.906	ug/l	96
11) Tert butyl alcohol	2.977	59	23274	85.233	ug/l	100
12) 1,1-Dichloroethene	2.306	96	21587	19.384	ug/l	98
13) Acrolein	2.233	56	17153	54.341	ug/l	99
14) Allyl chloride	2.654	41	40874	20.619	ug/l	95
15) Acrylonitrile	3.062	53	78749	107.604	ug/l	100
16) Acetone	2.380	43	70005	104.663	ug/l	95
17) Carbon Disulfide	2.501	76	45160	15.225	ug/l	98
18) Methyl Acetate	2.703	43	44088	27.400	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	79696	21.330	ug/l	98
20) Methylene Chloride	2.782	84	26815	20.239	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	21364	19.418	ug/l	98
22) Diisopropyl ether	3.757	45	86751	21.518	ug/l #	81
23) Vinyl Acetate	3.721	43	355268	105.596	ug/l	99
24) 1,1-Dichloroethane	3.599	63	47033	20.816	ug/l	100
25) 2-Butanone	4.556	43	111086	110.336	ug/l	98
26) 2,2-Dichloropropane	4.471	77	30154	28.453	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	27207	20.032	ug/l	91
28) Bromochloromethane	4.891	49	20769	19.285	ug/l	100
29) Tetrahydrofuran	5.007	42	70338	104.032	ug/l	99
30) Chloroform	5.086	83	48516	21.610	ug/l	98
31) Cyclohexane	5.464	56	36823	18.774	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	37054	20.436	ug/l	95
36) 1,1-Dichloropropene	5.684	75	29358	20.071	ug/l	99
37) Ethyl Acetate	4.714	43	40050	21.249	ug/l	99
38) Carbon Tetrachloride	5.666	117	31388	21.137	ug/l	97
39) Methylcyclohexane	7.373	83	36073	20.582	ug/l	93
40) Benzene	6.031	78	96171	20.821	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23009	22.577	ug/l	98
42) 1,2-Dichloroethane	6.080	62	39286	23.620	ug/l	97
43) Isopropyl Acetate	6.342	43	61789	22.170	ug/l	99
44) Trichloroethene	7.123	130	21843	20.140	ug/l	96
45) 1,2-Dichloropropane	7.427	63	25438	21.420	ug/l	99
46) Dibromomethane	7.574	93	19286	22.976	ug/l	94
47) Bromodichloromethane	7.818	83	36504	22.172	ug/l	99
48) Methyl methacrylate	7.690	41	31576	22.583	ug/l	94
49) 1,4-Dioxane	7.665	88	11197	379.631	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	219214	117.142	ug/l	99
52) Toluene	8.714	92	58197	21.475	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30705	22.308	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	35636	22.203	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	24765	22.198	ug/l	96
56) Ethyl methacrylate	9.116	69	38079	22.454	ug/l	94
57) 1,3-Dichloropropane	9.305	76	43014	22.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	86262	104.276	ug/l	99
59) 2-Hexanone	9.427	43	157787	116.373	ug/l	97
60) Dibromochloromethane	9.518	129	26224	22.481	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24257	21.780	ug/l	99
64) Tetrachloroethene	9.269	164	18918	20.461	ug/l	97
65) Chlorobenzene	10.079	112	63780	20.880	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	21844	21.473	ug/l	97
67) Ethyl Benzene	10.189	91	110794	20.816	ug/l	100
68) m/p-Xylenes	10.299	106	81184	41.666	ug/l	97
69) o-Xylene	10.640	106	40392	20.554	ug/l	96
70) Styrene	10.652	104	68763	21.626	ug/l	99
71) Bromoform	10.799	173	16119	21.013	ug/l #	99
73) Isopropylbenzene	10.957	105	106986	21.476	ug/l	99
74) N-amyl acetate	10.841	43	48806	20.879	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38581	21.104	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32326m	21.761	ug/l	
77) Bromobenzene	11.195	156	24727	21.037	ug/l	98
78) n-propylbenzene	11.299	91	122930	21.844	ug/l	98
79) 2-Chlorotoluene	11.360	91	75268	21.001	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	86611	21.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8768	20.199	ug/l	85
82) 4-Chlorotoluene	11.451	91	84287	21.579	ug/l	98
83) tert-Butylbenzene	11.713	119	89158	21.542	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	87842	21.673	ug/l	100
85) sec-Butylbenzene	11.890	105	110674	22.324	ug/l	99
86) p-Isopropyltoluene	12.006	119	87942	21.950	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	42971	20.493	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	43463	20.488	ug/l	98
89) n-Butylbenzene	12.329	91	78311	22.694	ug/l	97
90) Hexachloroethane	12.536	117	15237	21.026	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	44484	21.148	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7854	22.053	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	24417	20.386	ug/l	100
94) Hexachlorobutadiene	13.725	225	10643	21.674	ug/l	99
95) Naphthalene	13.774	128	94899	20.623	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25651	20.301	ug/l	99

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

Manual Integrations

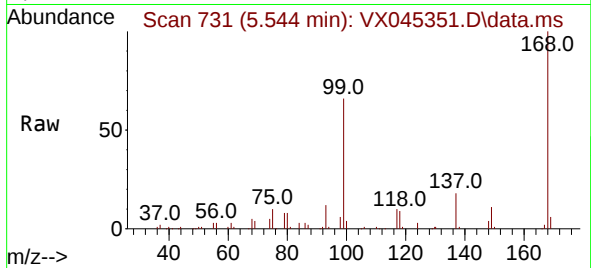
Quant Time: Mar 21 01:43:45 2025
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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

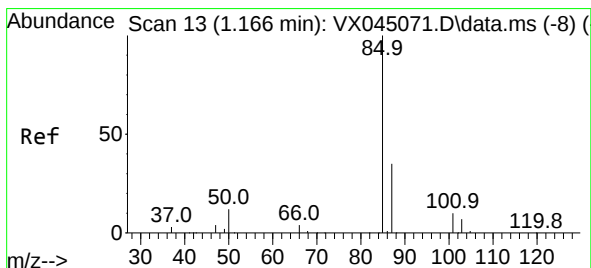
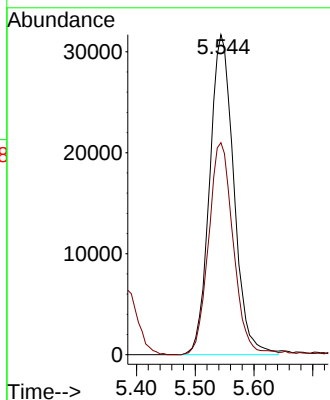
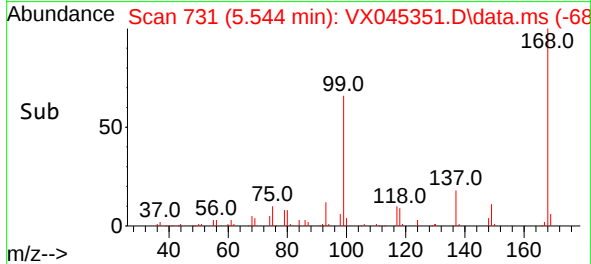
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion:168 Resp: 90630
Ion Ratio Lower Upper
168 100
99 66.2 48.2 72.4

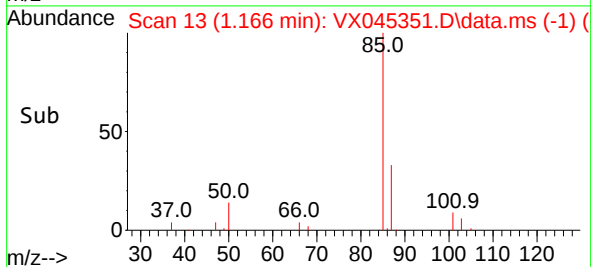
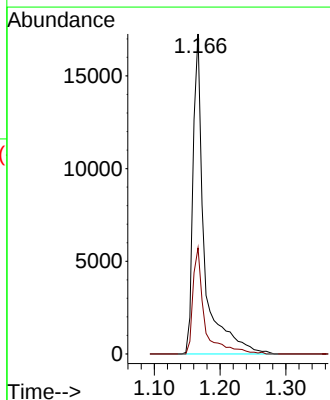
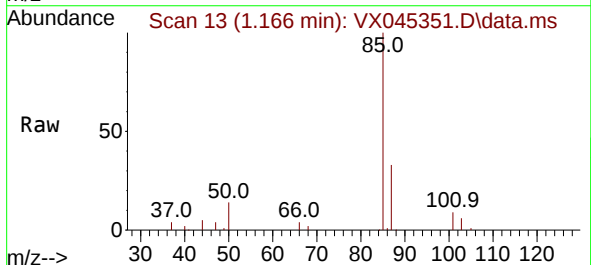
Manual Integrations
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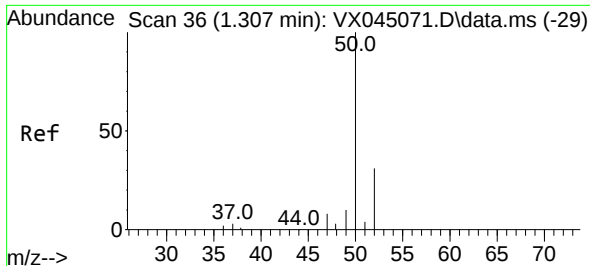
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#2
Dichlorodifluoromethane
Concen: 18.153 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 85 Resp: 20709
Ion Ratio Lower Upper
85 100
87 33.1 17.4 52.3





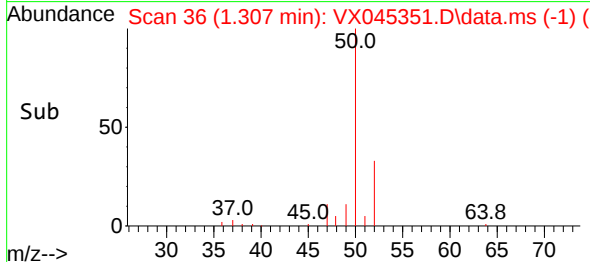
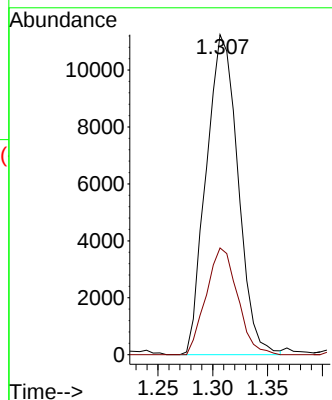
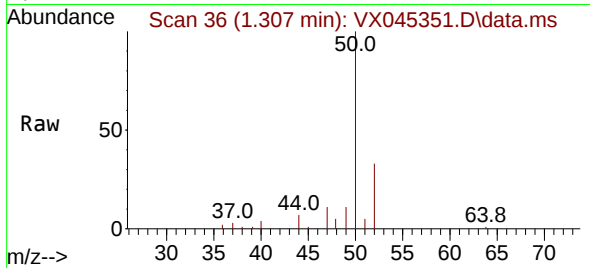
#3
Chloromethane
Concen: 16.275 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 50 Resp: 2272
Ion Ratio Lower Upper
50 100
52 33.4 25.0 37.4

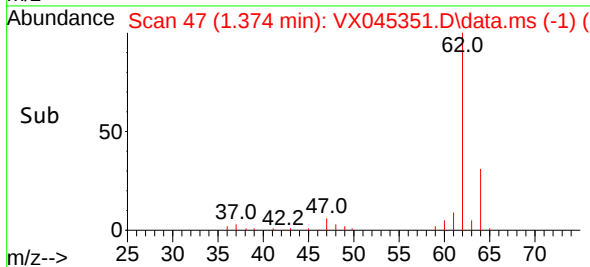
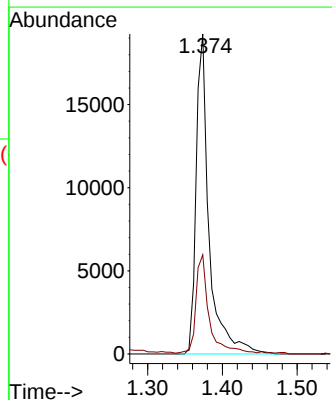
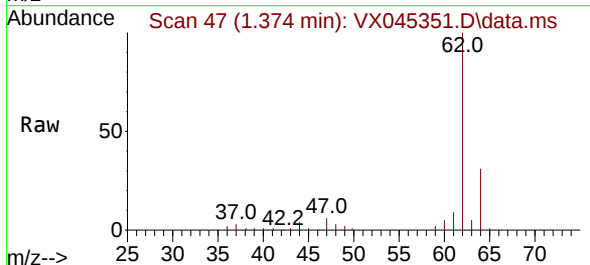
Manual Integrations
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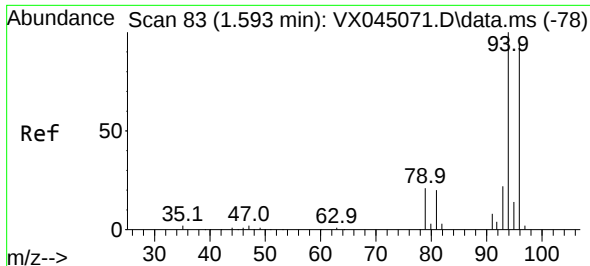
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#4
Vinyl Chloride
Concen: 16.623 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

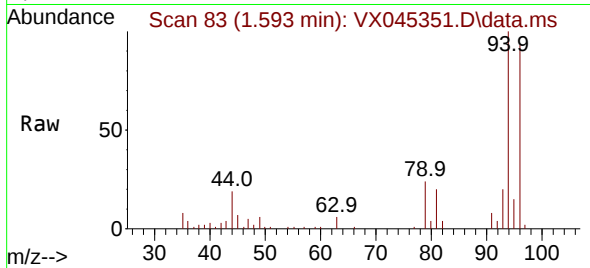
Tgt Ion: 62 Resp: 23022
Ion Ratio Lower Upper
62 100
64 30.5 24.3 36.5





#5
Bromomethane
Concen: 19.146 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

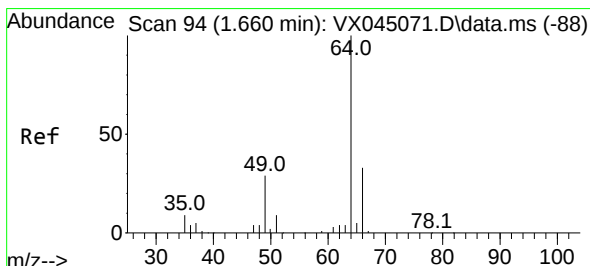
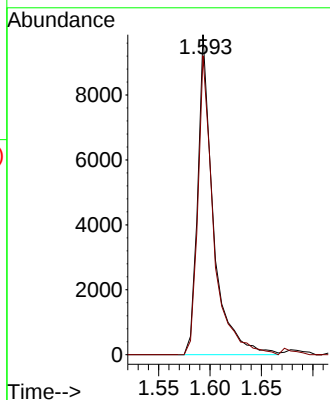
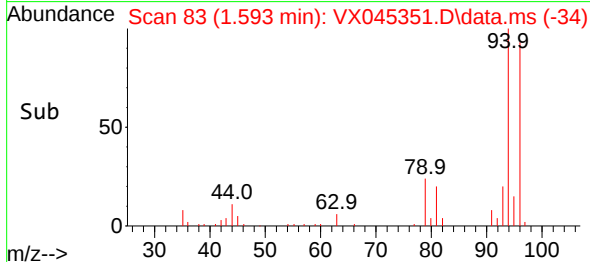
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion: 94 Resp: 10424
Ion Ratio Lower Upper
94 100
96 93.5 75.0 112.4

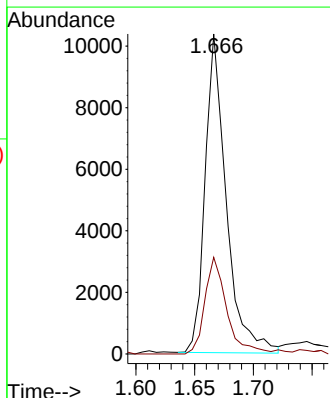
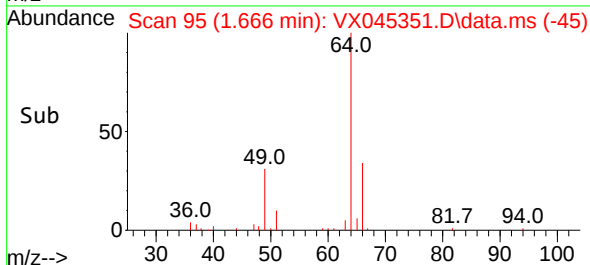
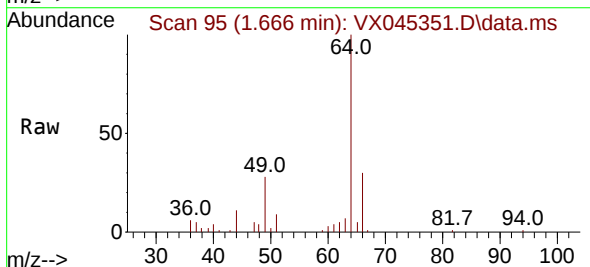
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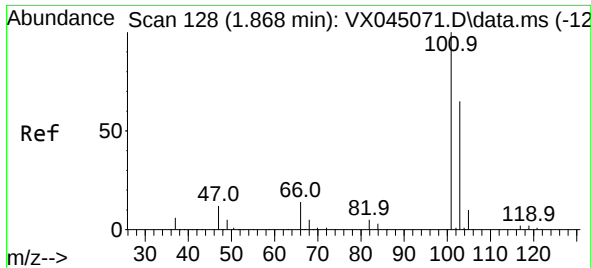
Reviewed By :John Carlone 03/21/2025
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#6
Chloroethane
Concen: 20.300 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

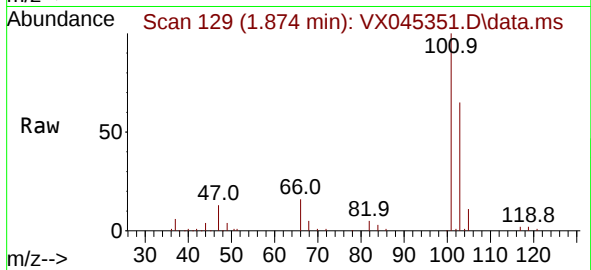
Tgt Ion: 64 Resp: 12968
Ion Ratio Lower Upper
64 100
66 30.3 26.7 40.1





#7
Trichlorofluoromethane
Concen: 19.241 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

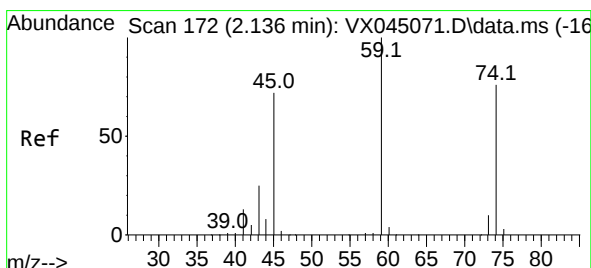
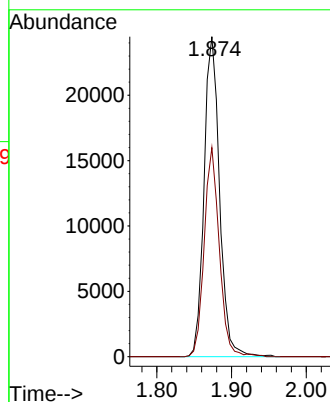
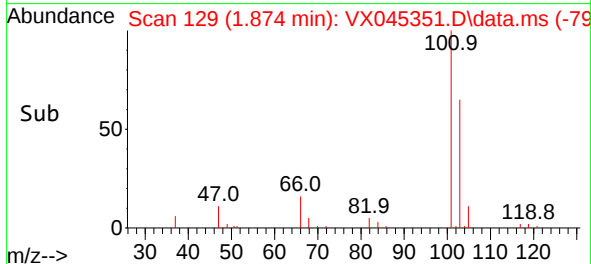
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 3527
Ion Ratio Lower Upper
101 100
103 65.4 52.1 78.1

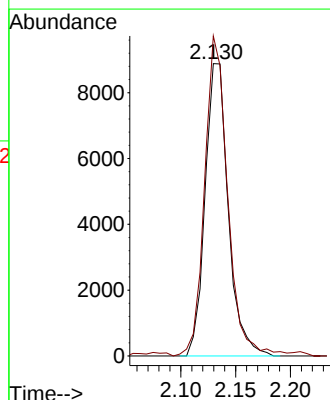
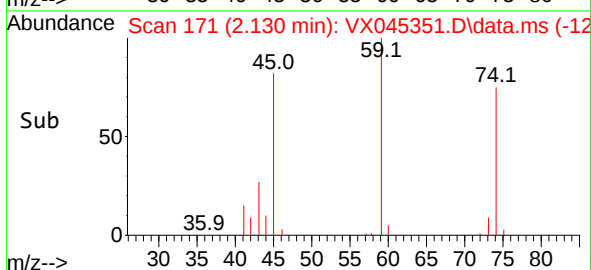
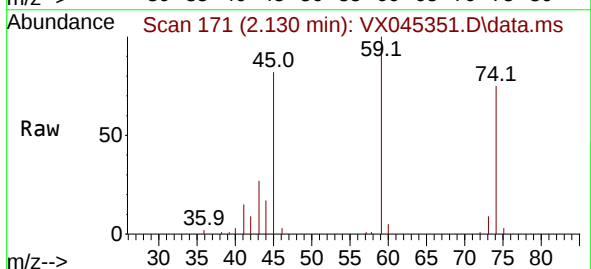
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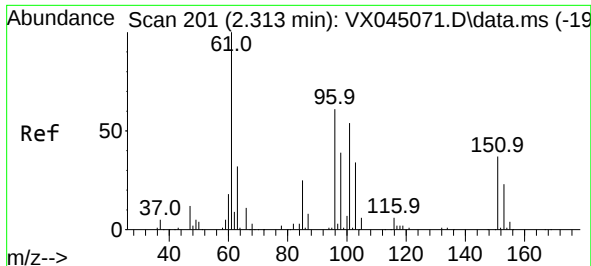
Reviewed By :John Carlone 03/21/2025
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#8
Diethyl Ether
Concen: 18.241 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 74 Resp: 13081
Ion Ratio Lower Upper
74 100
45 108.6 51.5 154.5





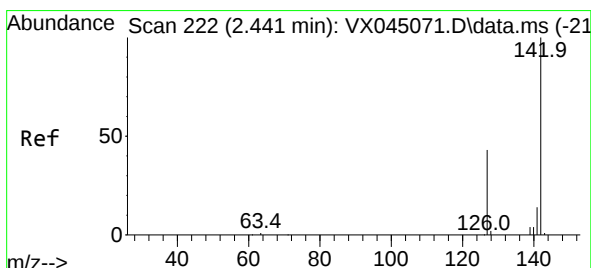
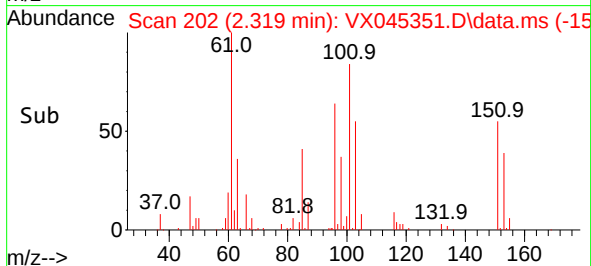
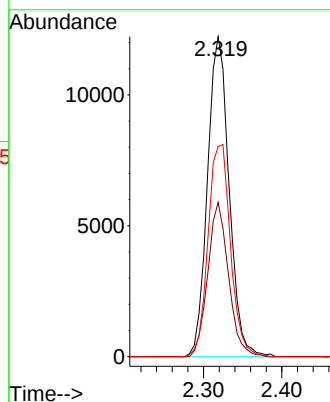
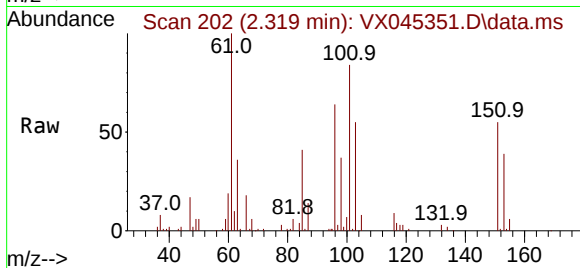
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.249 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
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Tgt Ion:101 Resp: 23430
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 69.0 56.4 84.6

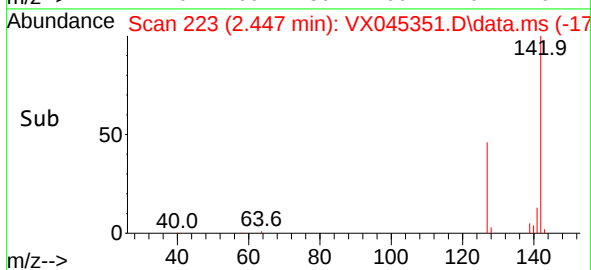
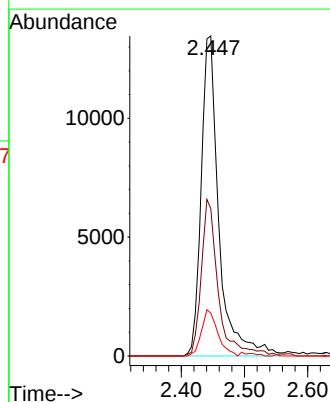
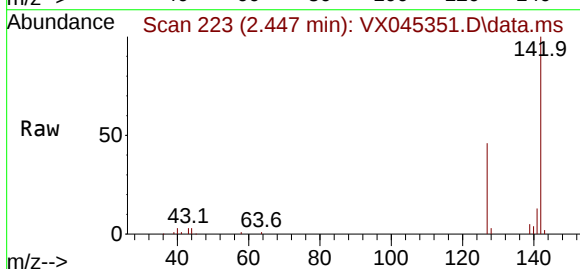
Manual Integrations
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Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#10
Methyl Iodide
Concen: 19.906 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion:142 Resp: 26203
Ion Ratio Lower Upper
142 100
127 47.0 35.4 53.2
141 13.3 11.6 17.4





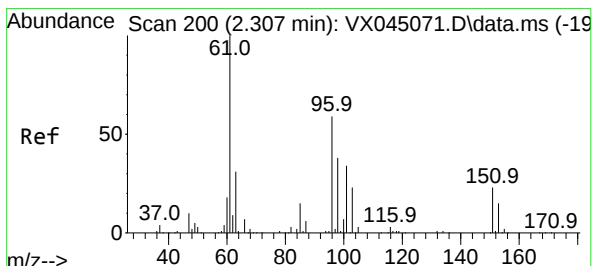
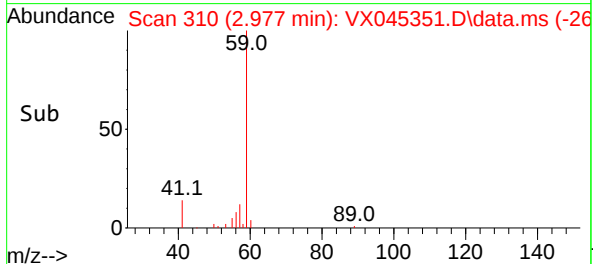
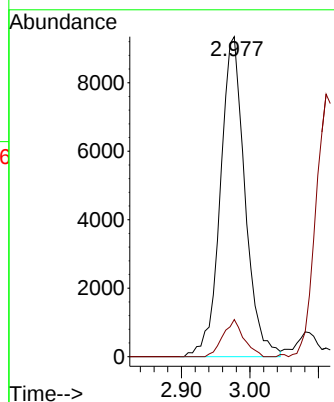
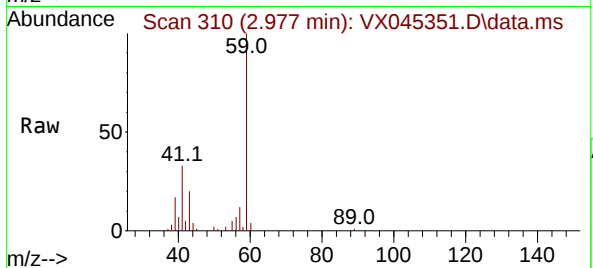
#11
Tert butyl alcohol
Concen: 85.233 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 59 Resp: 23274
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

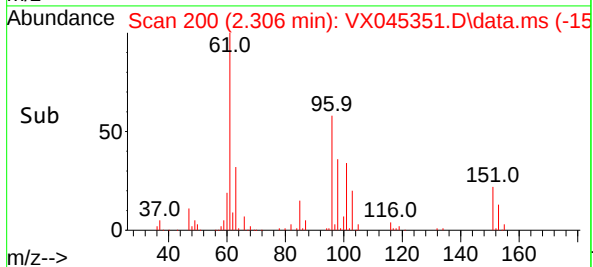
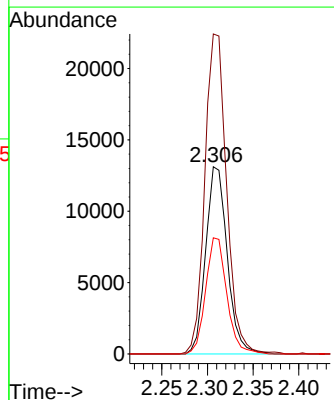
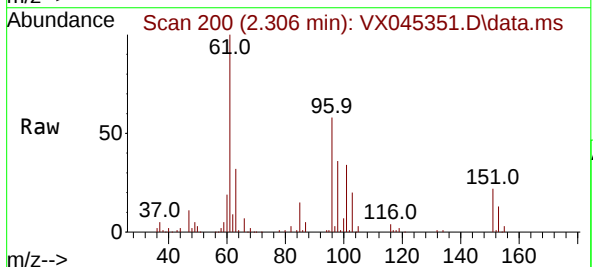
Manual Integrations
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Supervised By :Mahesh Dadoda 03/21/2025



#12
1,1-Dichloroethene
Concen: 19.384 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

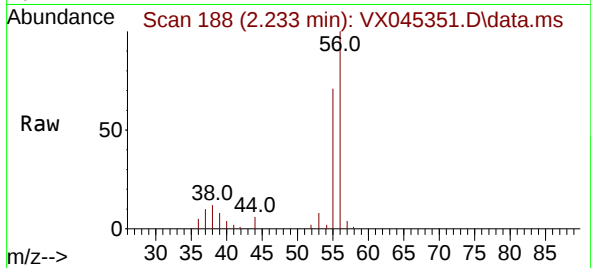
Tgt Ion: 96 Resp: 21587
Ion Ratio Lower Upper
96 100
61 171.0 134.6 202.0
98 62.1 51.0 76.6





#13
Acrolein
Concen: 54.341 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

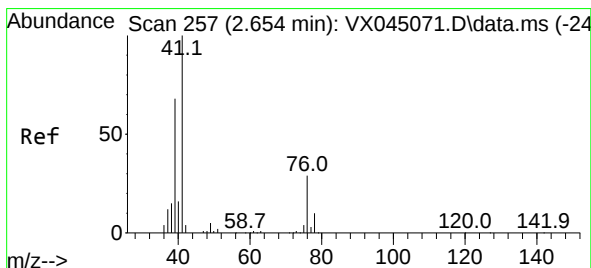
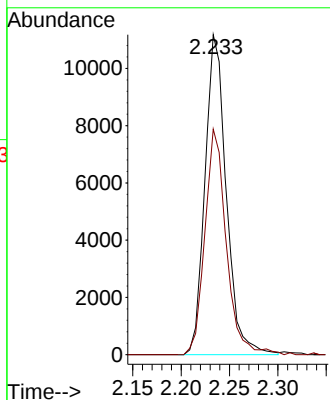
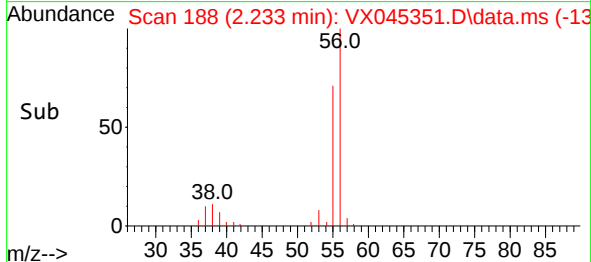
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion: 56 Resp: 1715
Ion Ratio Lower Upper
56 100
55 71.0 56.2 84.4

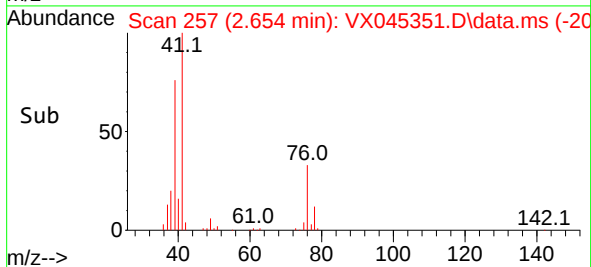
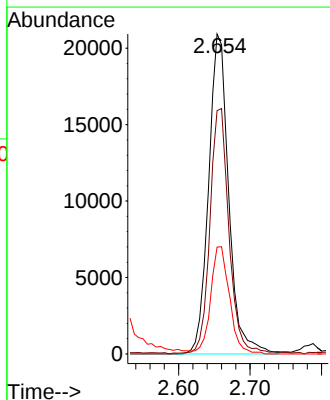
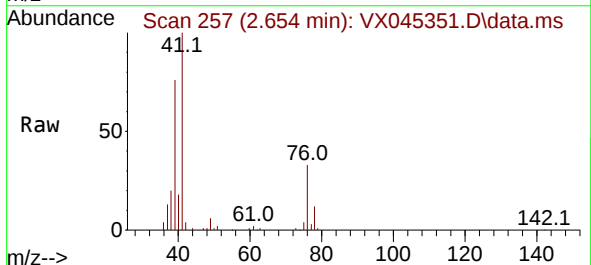
Manual Integrations
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Supervised By :Mahesh Dadoda 03/21/2025



#14
Allyl chloride
Concen: 20.619 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

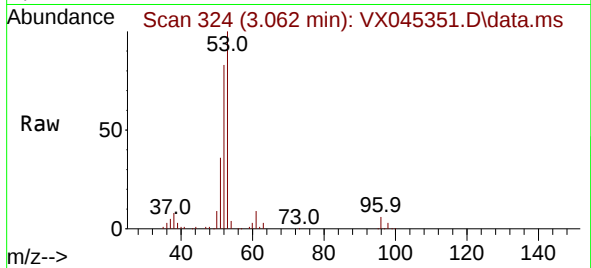
Tgt Ion: 41 Resp: 40874
Ion Ratio Lower Upper
41 100
39 73.4 53.8 80.8
76 31.5 25.2 37.8





#15
Acrylonitrile
Concen: 107.604 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

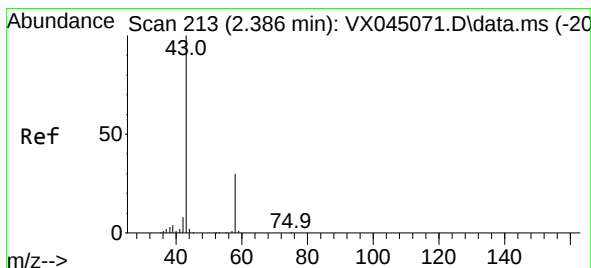
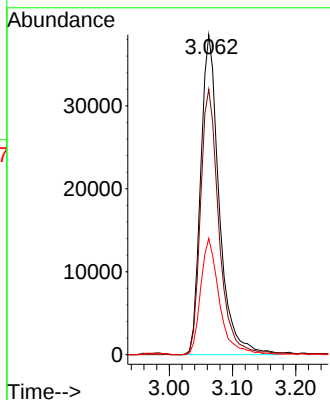
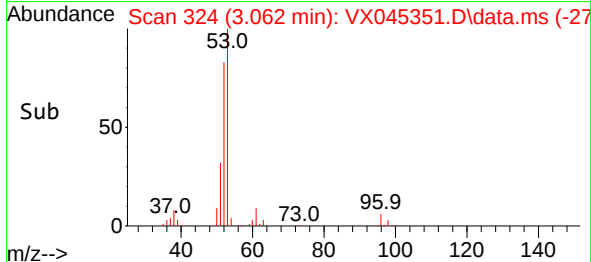
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



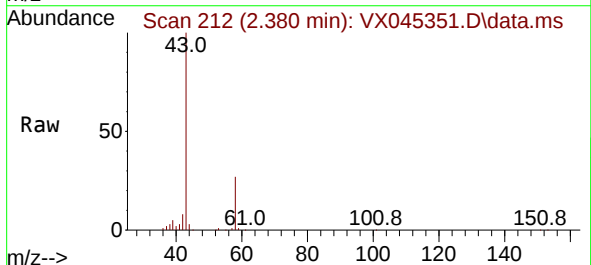
Tgt Ion: 53 Resp: 78749
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 36.7 29.0 43.4

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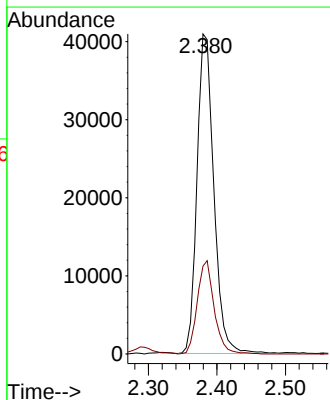
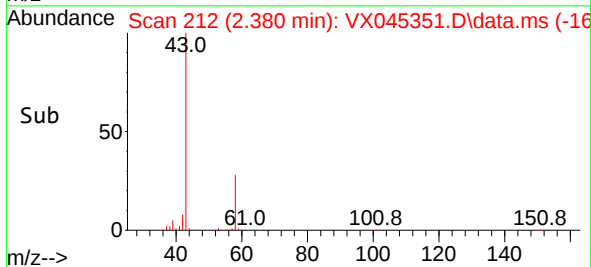
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#16
Acetone
Concen: 104.663 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20



Tgt Ion: 43 Resp: 70005
Ion Ratio Lower Upper
43 100
58 27.5 24.2 36.4





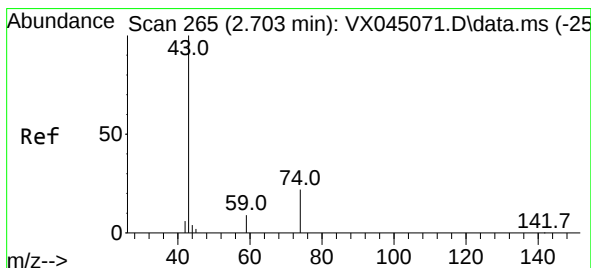
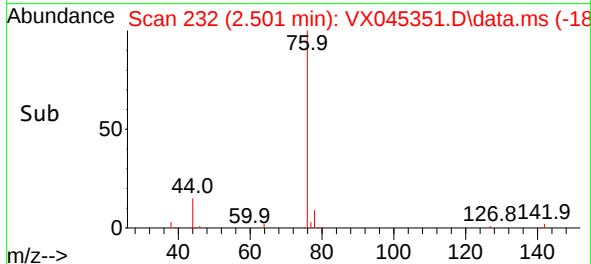
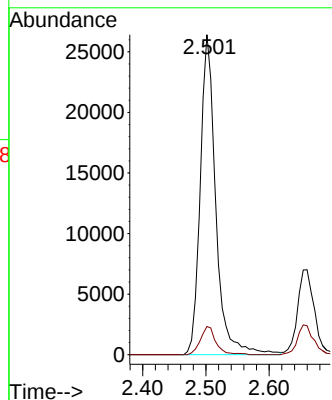
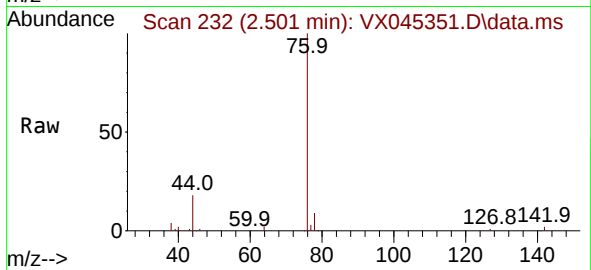
#17
Carbon Disulfide
Concen: 15.225 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 76 Resp: 45160
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8

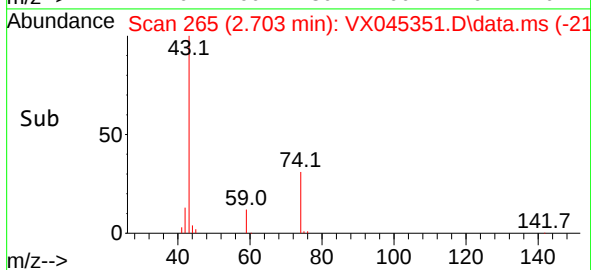
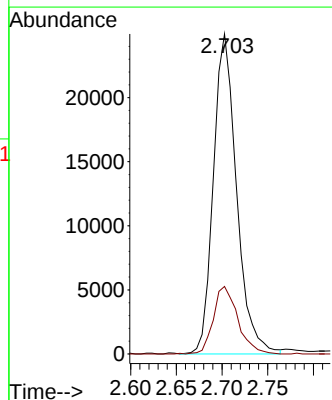
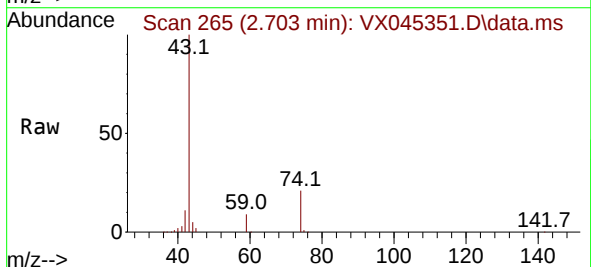
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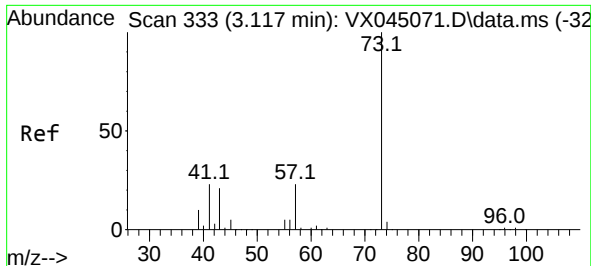
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#18
Methyl Acetate
Concen: 27.400 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 43 Resp: 44088
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2





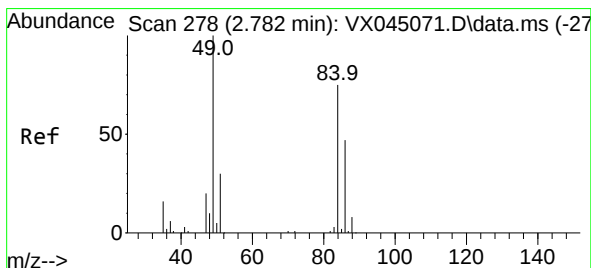
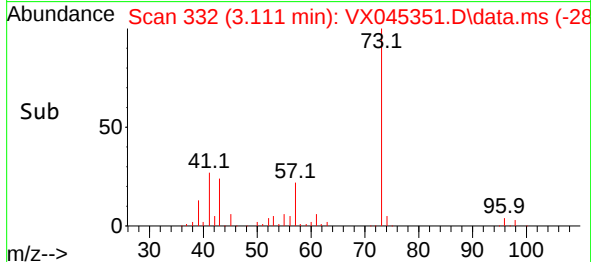
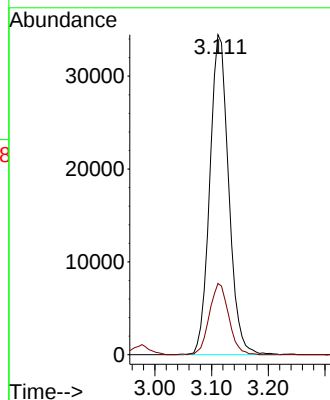
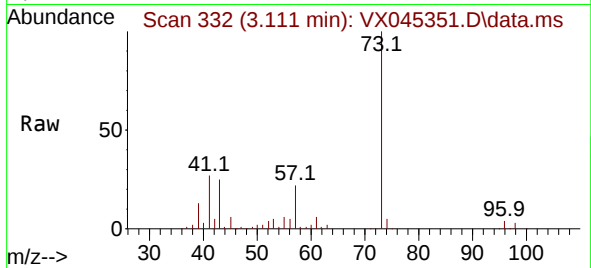
#19
Methyl tert-butyl Ether
Concen: 21.330 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 73 Resp: 79690
Ion Ratio Lower Upper
73 100
57 22.2 18.5 27.7

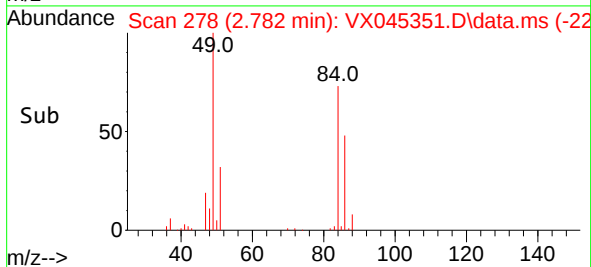
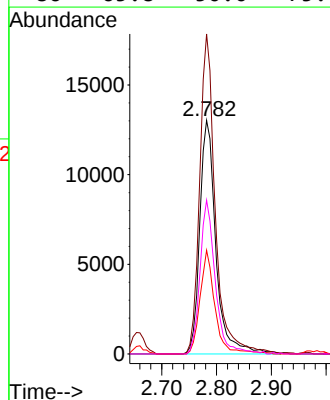
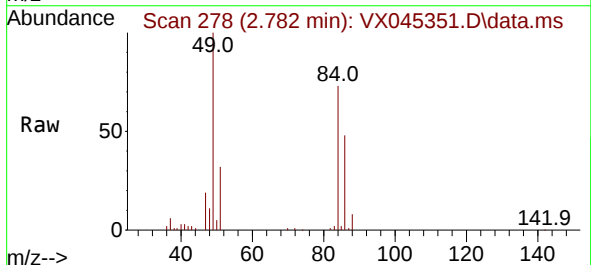
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Supervised By :Mahesh Dadoda 03/21/2025



#20
Methylene Chloride
Concen: 20.239 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 84 Resp: 26815
Ion Ratio Lower Upper
84 100
49 137.0 106.5 159.7
51 44.4 32.1 48.1
86 65.8 50.0 75.0





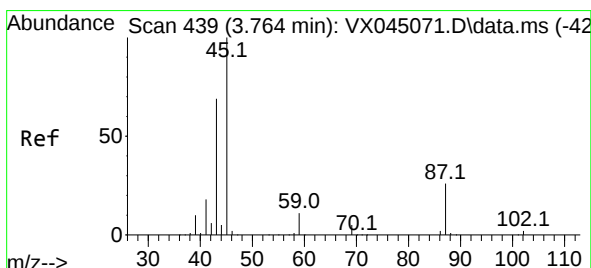
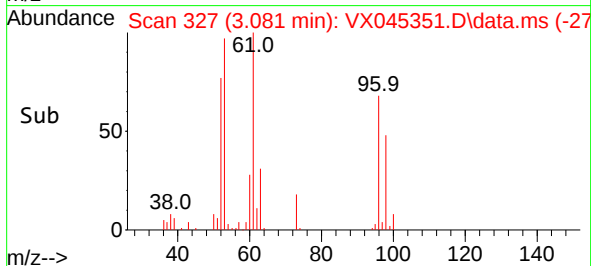
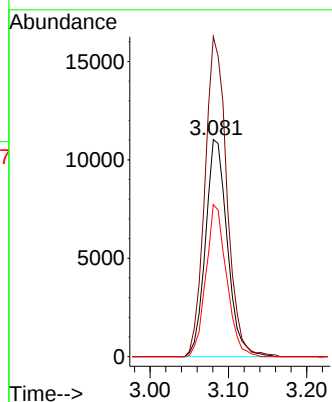
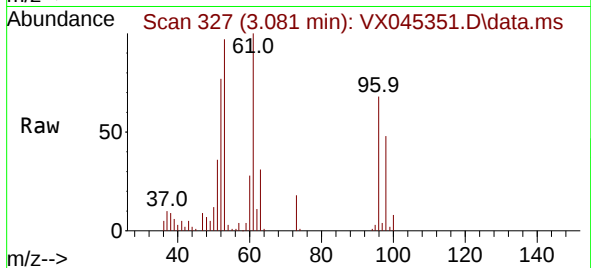
#21
trans-1,2-Dichloroethene
Concen: 19.418 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 96 Resp: 21364
Ion Ratio Lower Upper
96 100
61 147.3 117.0 175.4
98 70.1 53.4 80.2

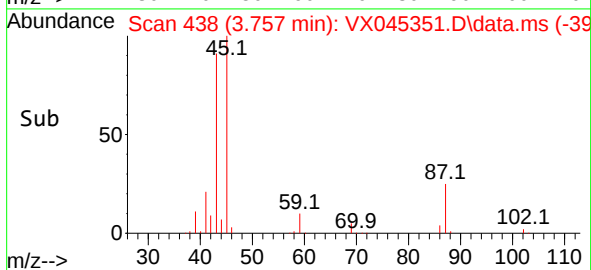
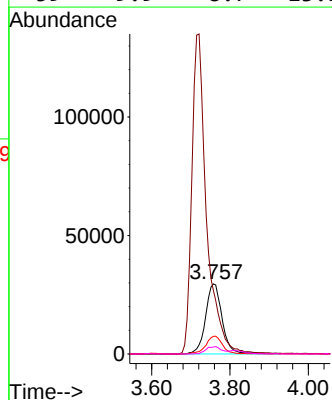
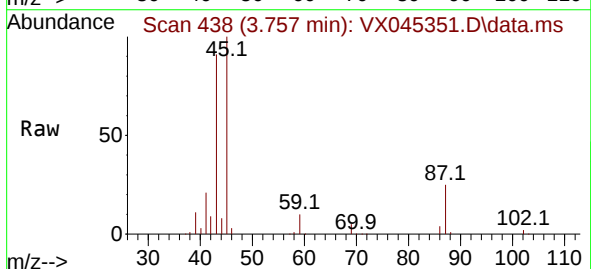
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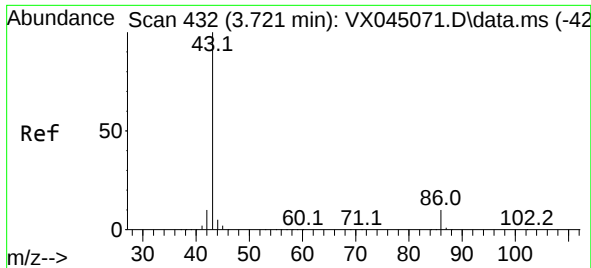
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#22
Diisopropyl ether
Concen: 21.518 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

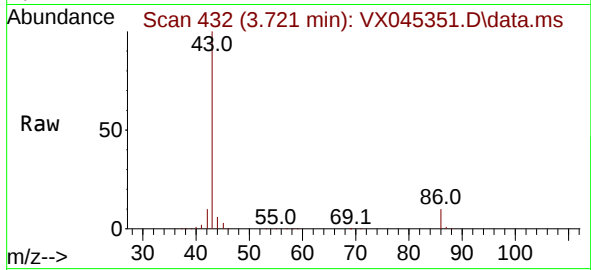
Tgt Ion: 45 Resp: 86751
Ion Ratio Lower Upper
45 100
43 90.9 54.9 82.3#
87 25.1 21.0 31.4
59 9.9 8.7 13.1





#23
 Vinyl Acetate
 Concen: 105.596 ug/l
 RT: 3.721 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: VX045351.D
 Acq: 20 Mar 2025 11:20

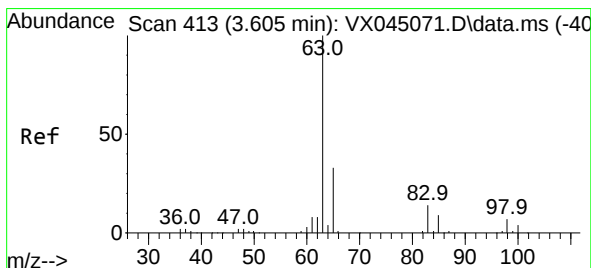
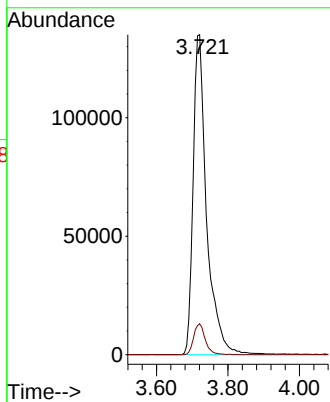
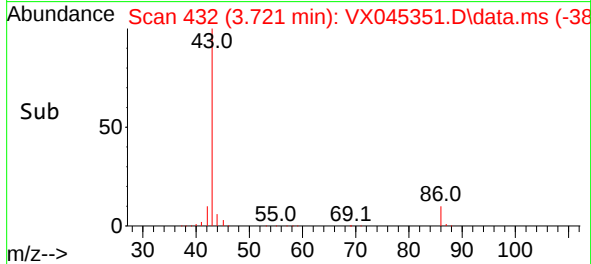
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS02



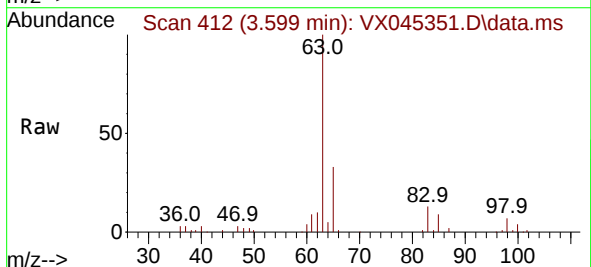
Tgt Ion: 43 Resp: 35526
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.1 12.1

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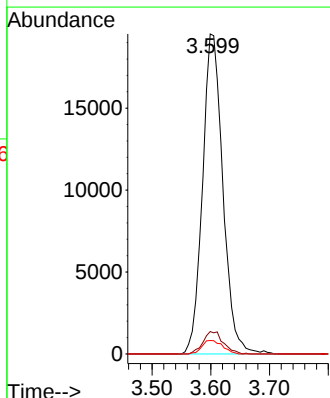
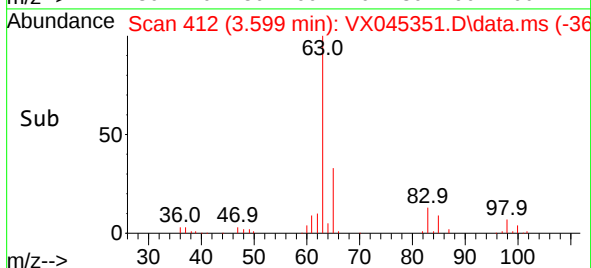
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#24
 1,1-Dichloroethane
 Concen: 20.816 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045351.D
 Acq: 20 Mar 2025 11:20



Tgt Ion: 63 Resp: 47033
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.2 2.1 6.5





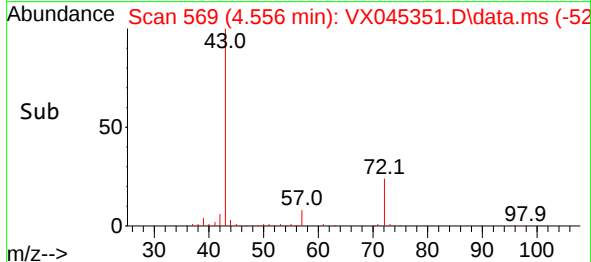
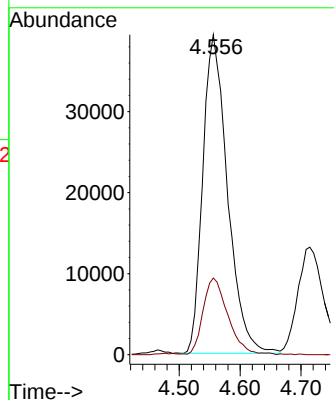
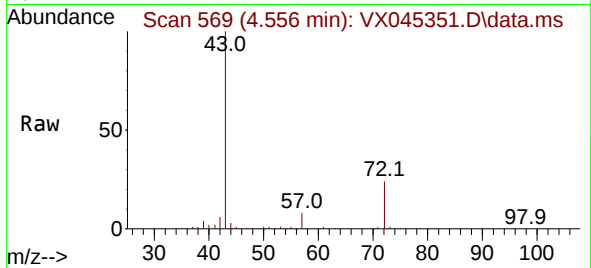
#25
2-Butanone
Concen: 110.336 ug/l
RT: 4.556 min Scan# 510
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 43 Resp: 111080
Ion Ratio Lower Upper
43 100
72 23.9 20.0 30.0

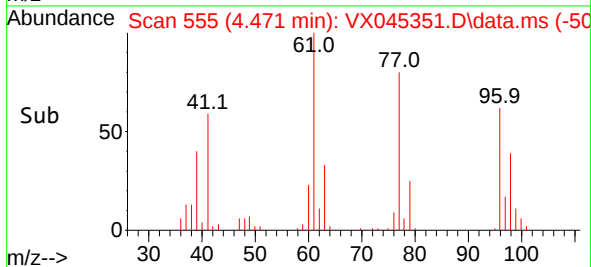
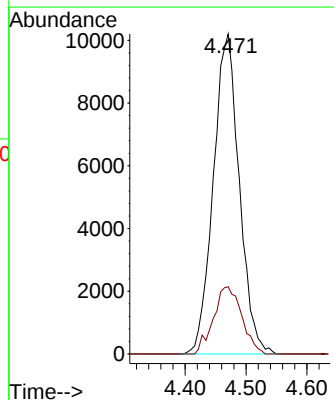
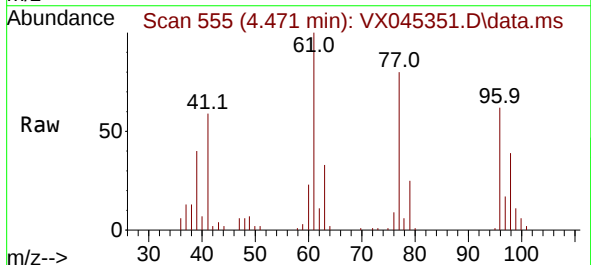
Manual Integrations
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Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#26
2,2-Dichloropropane
Concen: 28.453 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

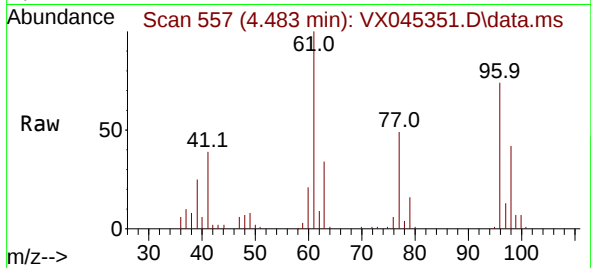
Tgt Ion: 77 Resp: 30154
Ion Ratio Lower Upper
77 100
97 22.9 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 20.032 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX045351.D
 Acq: 20 Mar 2025 11:20

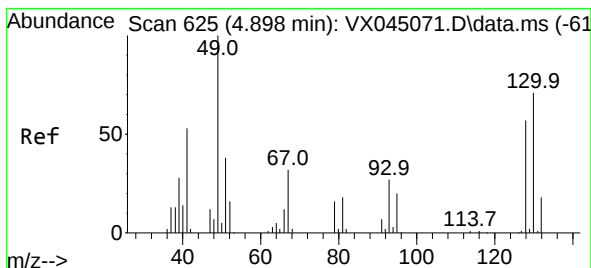
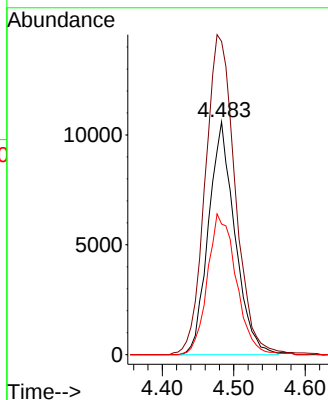
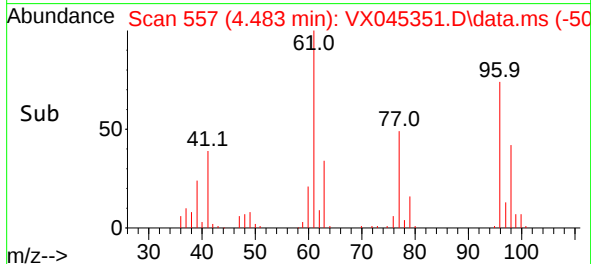
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS02



Tgt Ion: 96 Resp: 2720
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 283.2
 98 65.5 0.0 128.0

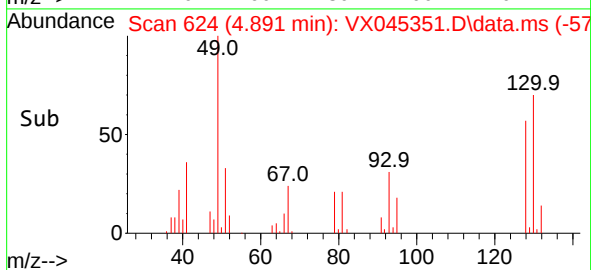
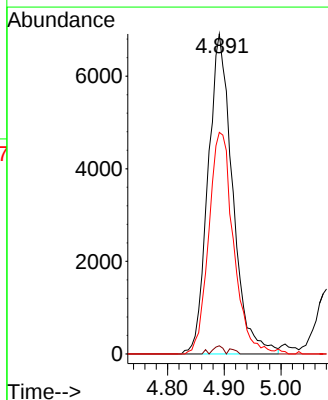
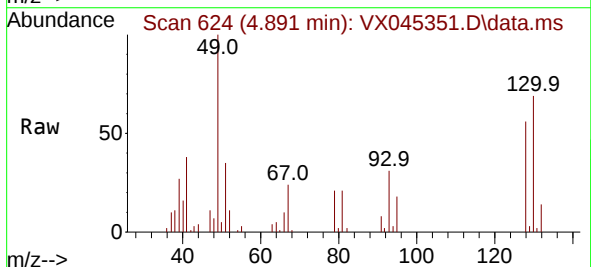
Manual Integrations
 APPROVED

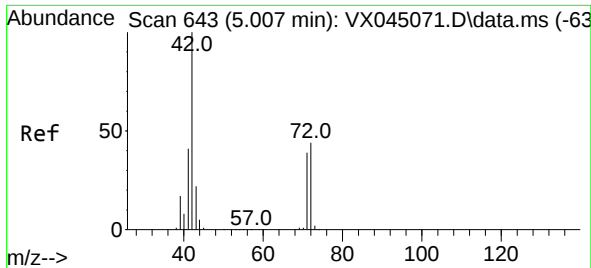
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#28
 Bromochloromethane
 Concen: 19.285 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045351.D
 Acq: 20 Mar 2025 11:20

Tgt Ion: 49 Resp: 20769
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.4
 130 69.9 56.1 84.1





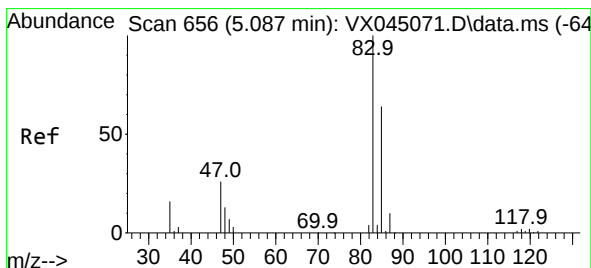
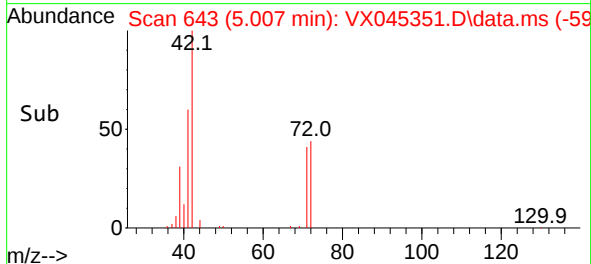
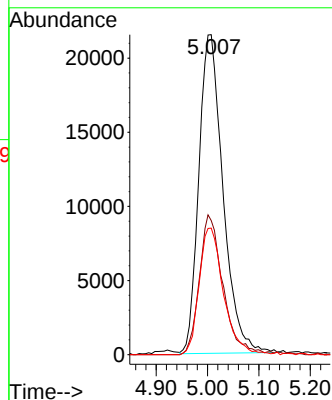
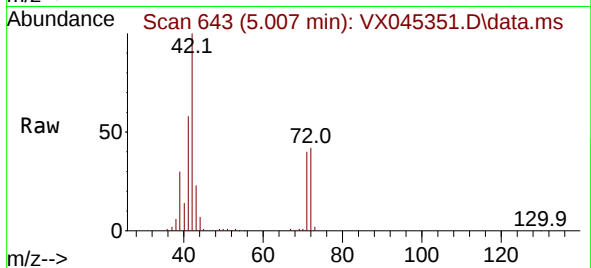
#29
Tetrahydrofuran
Concen: 104.032 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 42 Resp: 70338
Ion Ratio Lower Upper
42 100
72 43.0 34.1 51.1
71 40.0 31.4 47.0

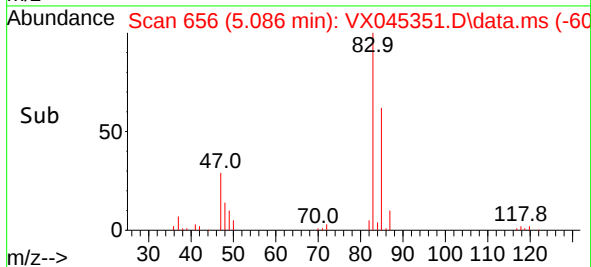
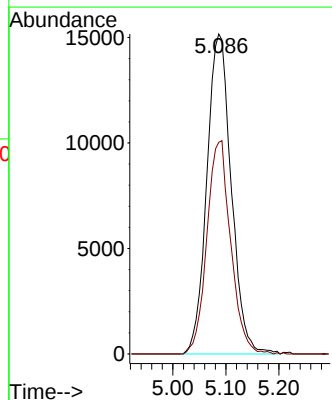
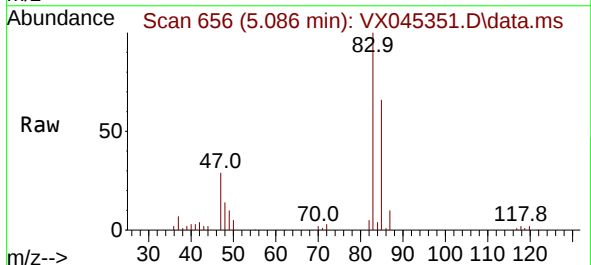
Manual Integrations
APPROVED

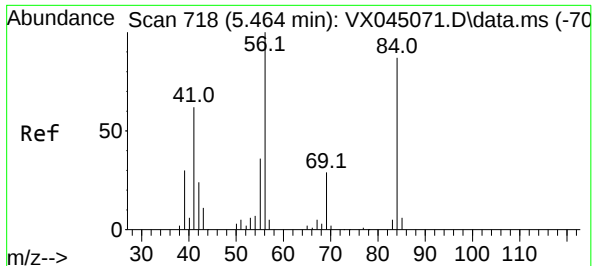
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#30
Chloroform
Concen: 21.610 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 83 Resp: 48516
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.2





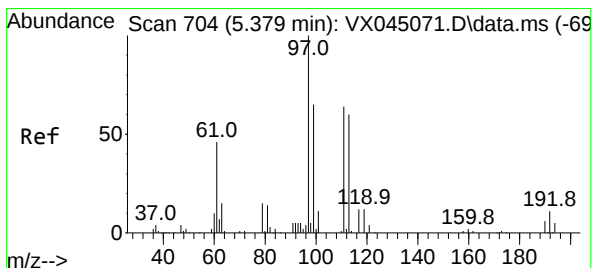
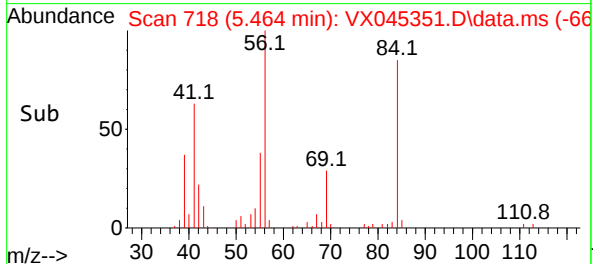
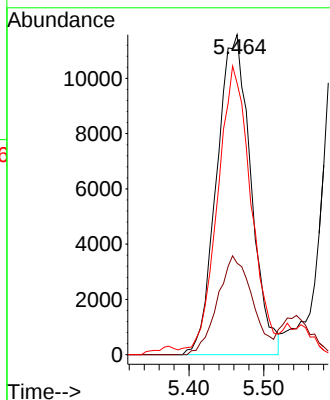
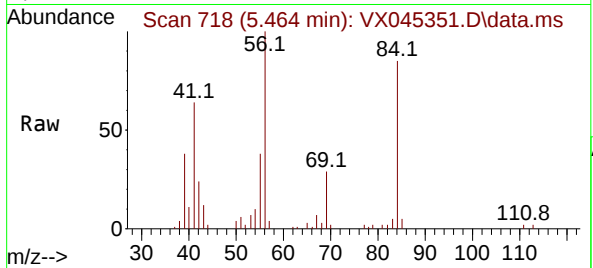
#31
Cyclohexane
Concen: 18.774 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 56 Resp: 3682
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.2
84 83.4 69.4 104.2

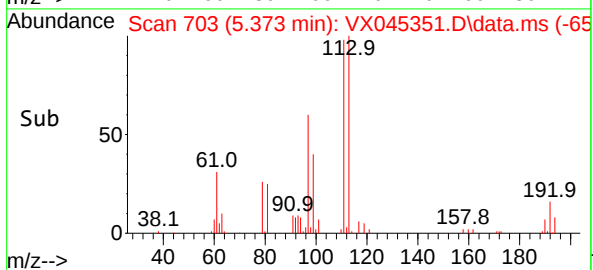
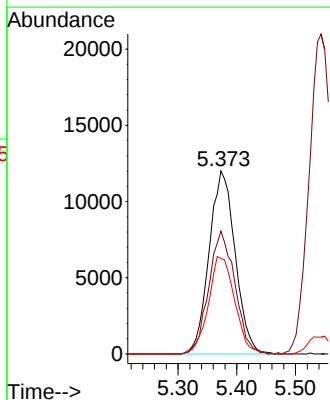
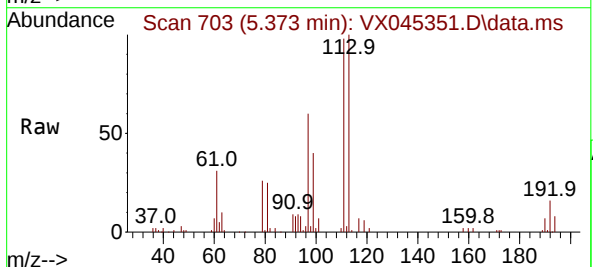
Manual Integrations
APPROVED

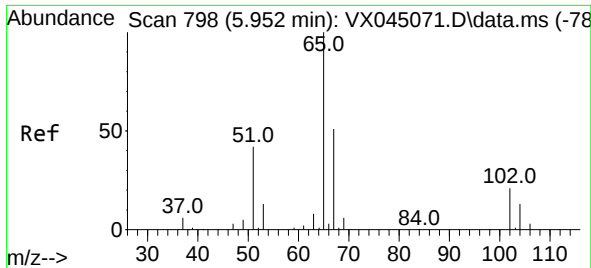
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#32
1,1,1-Trichloroethane
Concen: 20.436 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 97 Resp: 37054
Ion Ratio Lower Upper
97 100
99 67.1 51.6 77.4
61 53.5 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 56.815 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS02

Tgt Ion: 65 Resp: 81904

Ion Ratio Lower Upper

65 100

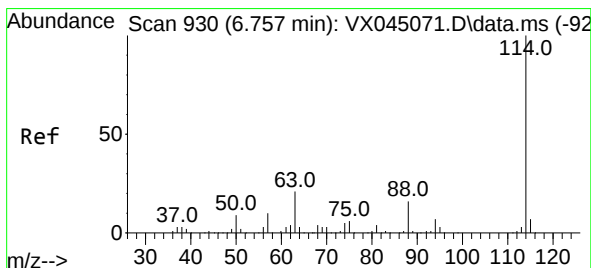
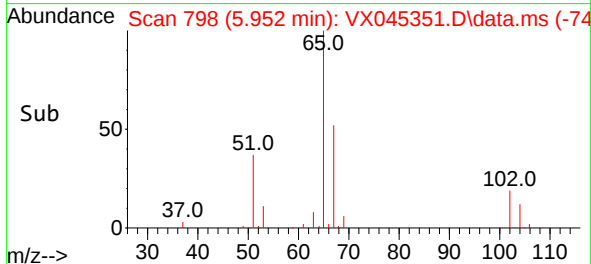
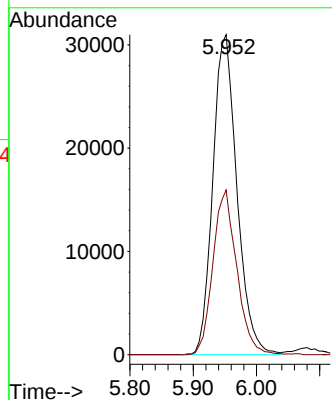
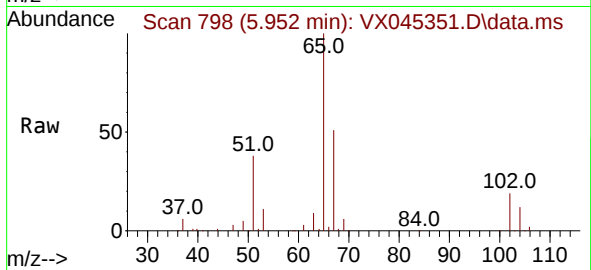
67 50.9 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

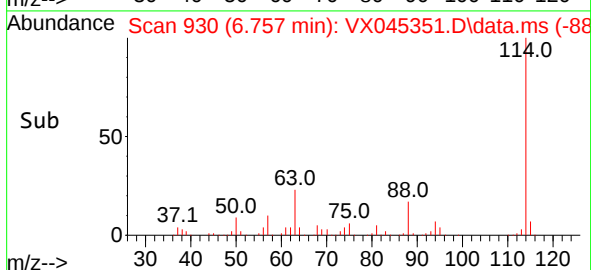
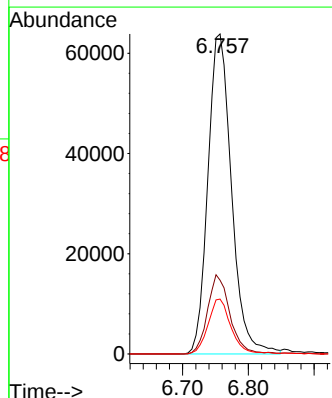
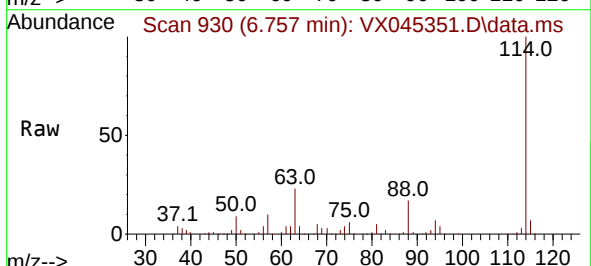
Tgt Ion:114 Resp: 159506

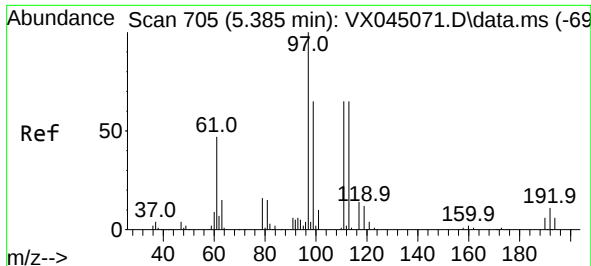
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

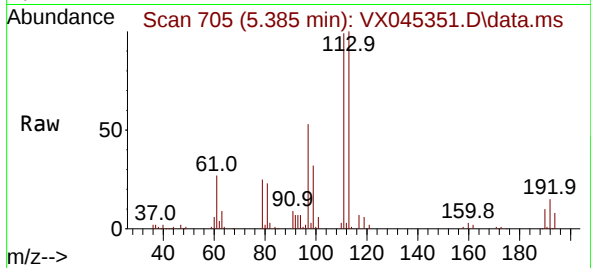
88 17.2 0.0 32.8





#35
Dibromofluoromethane
Concen: 56.492 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

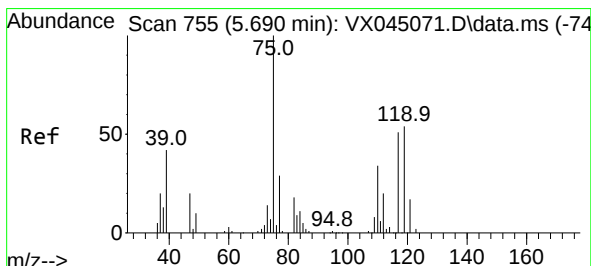
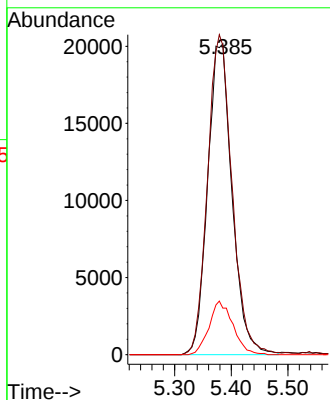
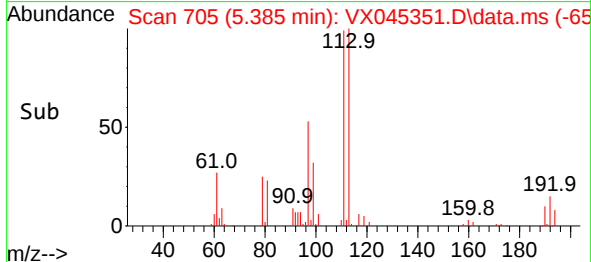
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion:113 Resp: 6025
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 16.9 14.3 21.5

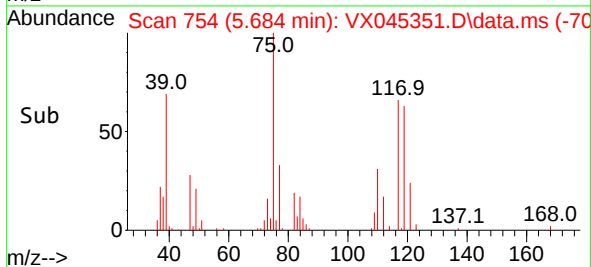
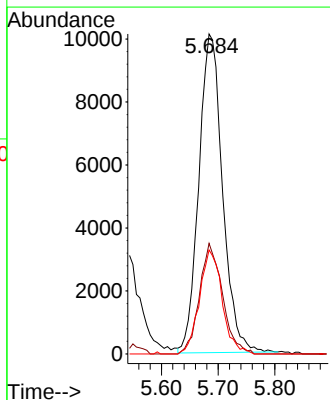
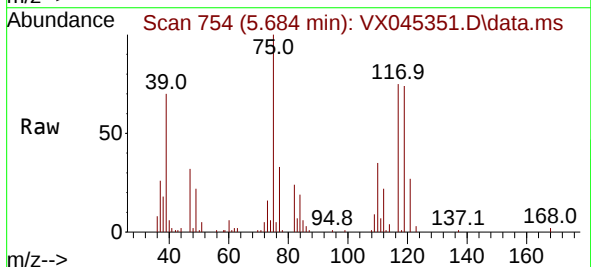
Manual Integrations
APPROVED

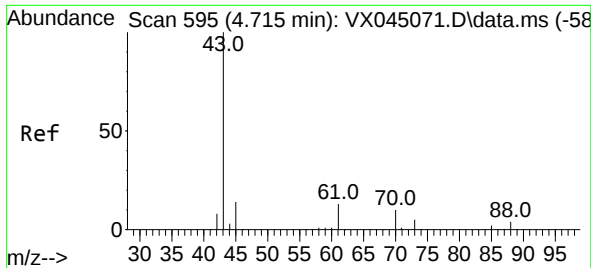
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#36
1,1-Dichloropropene
Concen: 20.071 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 75 Resp: 29358
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.6
77 31.2 24.5 36.7





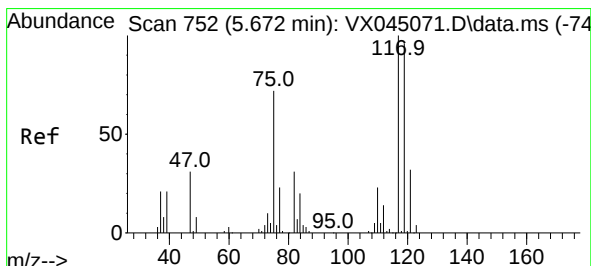
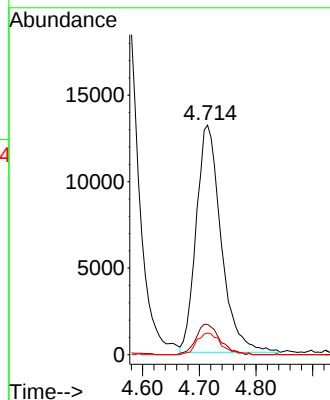
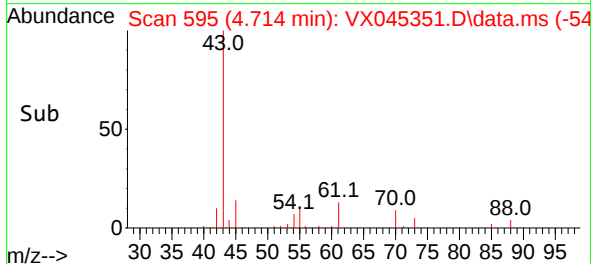
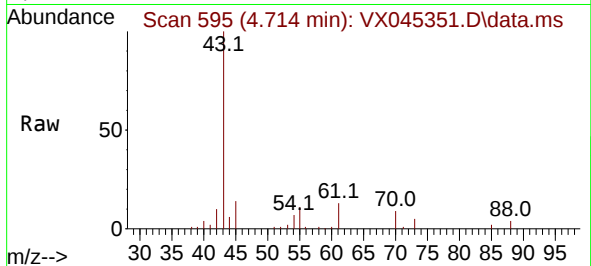
#37
Ethyl Acetate
Concen: 21.249 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 43 Resp: 40050
Ion Ratio Lower Upper
43 100
61 13.0 10.8 16.2
70 9.4 7.7 11.5

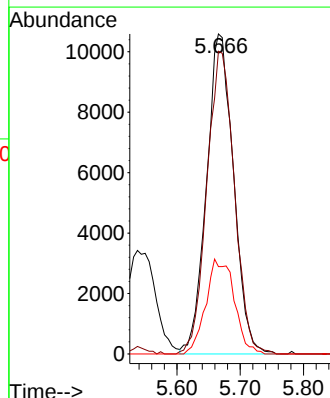
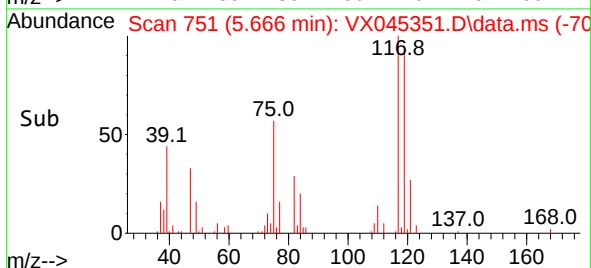
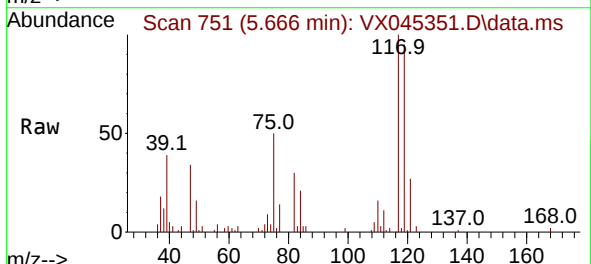
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#38
Carbon Tetrachloride
Concen: 21.137 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion:117 Resp: 31388
Ion Ratio Lower Upper
117 100
119 94.6 76.7 115.1
121 27.3 25.5 38.3





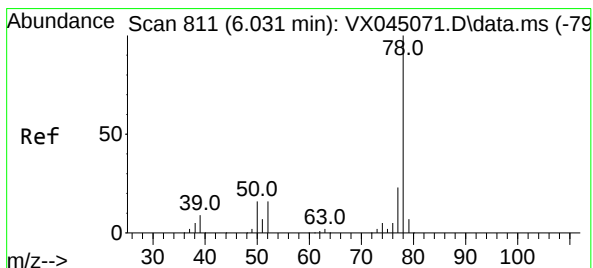
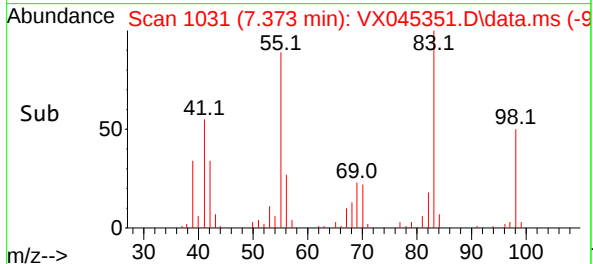
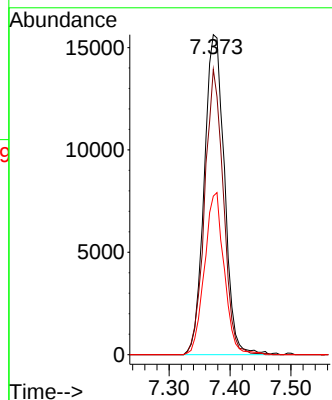
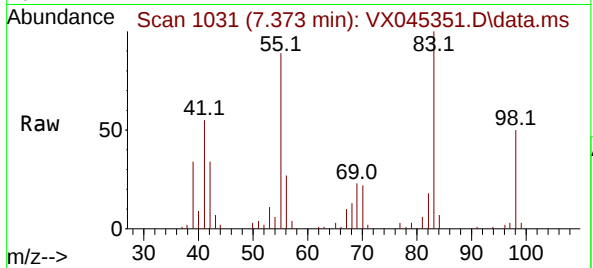
#39
Methylcyclohexane
Concen: 20.582 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 83 Resp: 3607
Ion Ratio Lower Upper
83 100
55 89.2 63.0 94.4
98 49.5 39.7 59.5

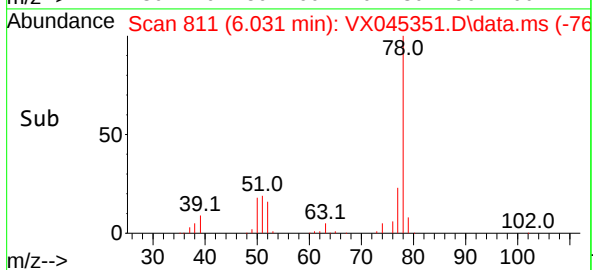
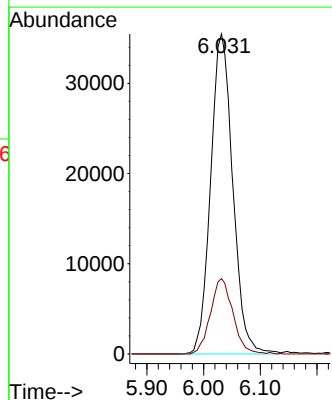
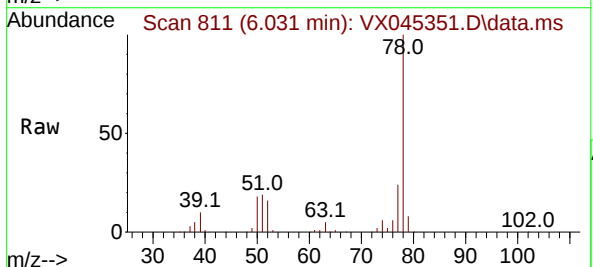
Manual Integrations
APPROVED

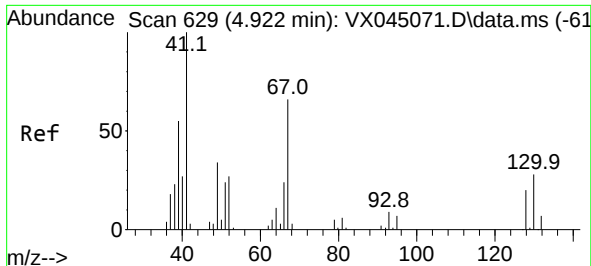
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#40
Benzene
Concen: 20.821 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

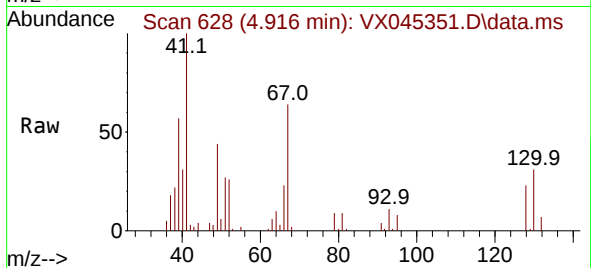
Tgt Ion: 78 Resp: 96171
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41
Methacrylonitrile
Concen: 22.577 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

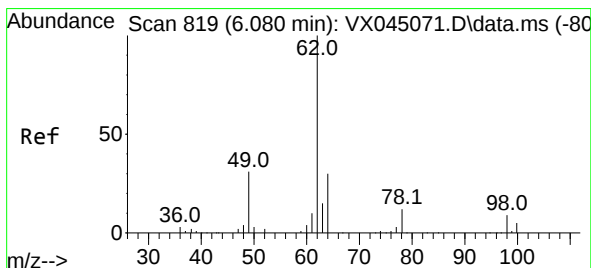
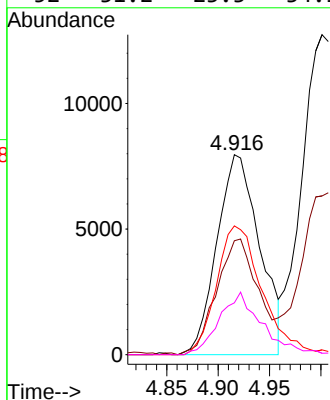
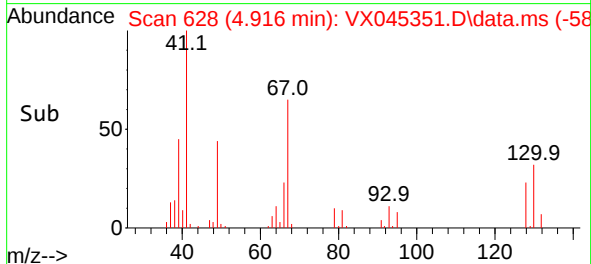
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion: 41 Resp: 23009
Ion Ratio Lower Upper
41 100
39 55.7 44.6 67.0
67 69.6 53.9 80.9
52 31.2 23.3 34.9

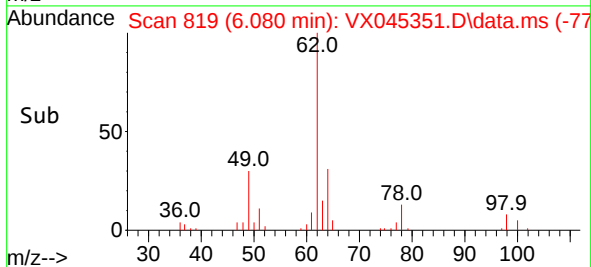
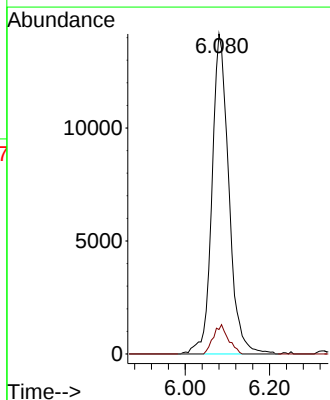
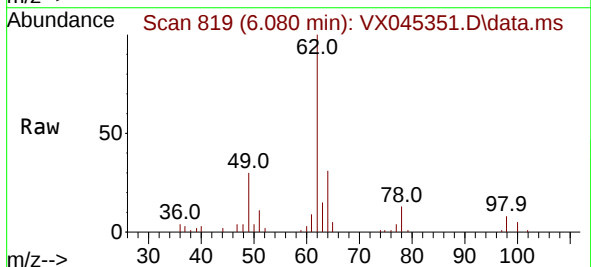
Manual Integrations
APPROVED

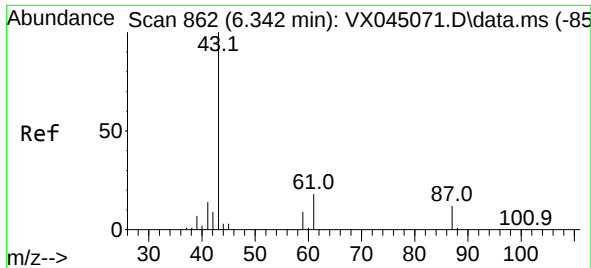
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#42
1,2-Dichloroethane
Concen: 23.620 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

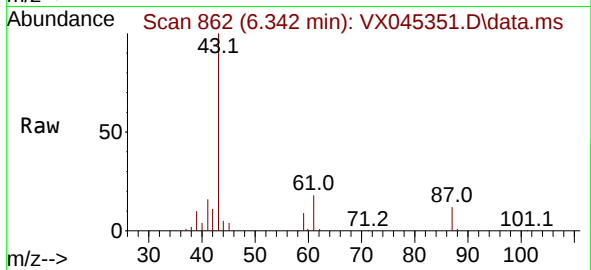
Tgt Ion: 62 Resp: 39286
Ion Ratio Lower Upper
62 100
98 8.1 0.0 18.2





#43
Isopropyl Acetate
Concen: 22.170 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

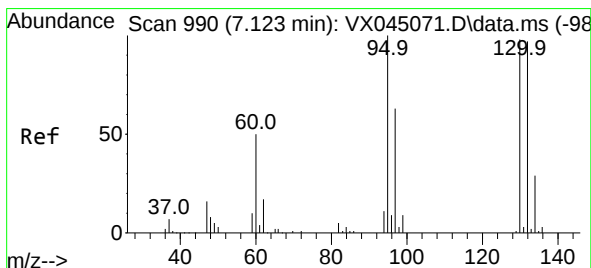
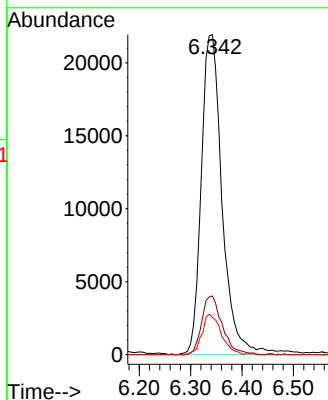
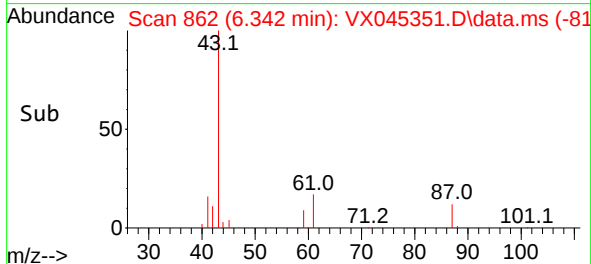
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion: 43 Resp: 61789
Ion Ratio Lower Upper
43 100
61 18.0 14.9 22.3
87 11.6 9.4 14.2

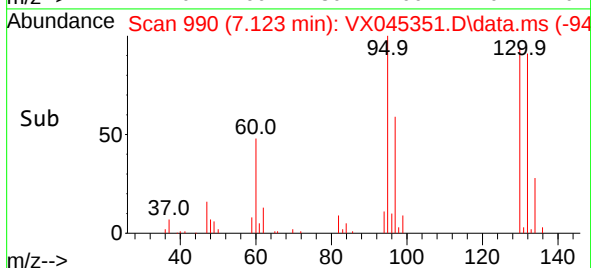
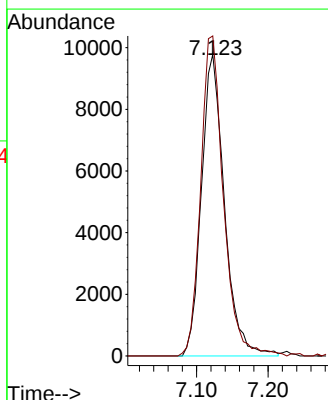
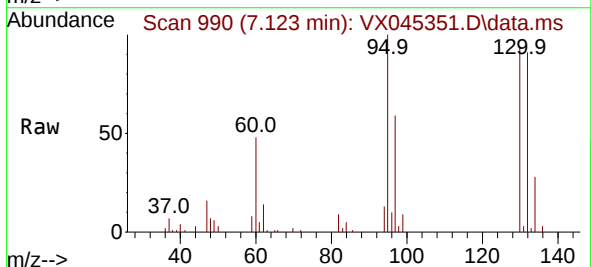
Manual Integrations
APPROVED

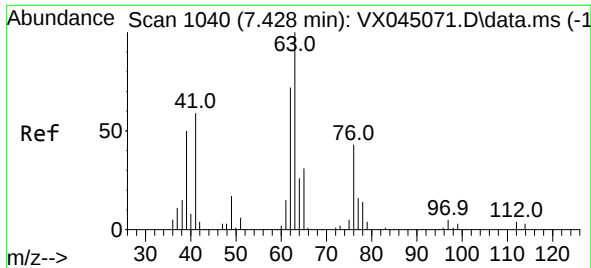
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#44
Trichloroethene
Concen: 20.140 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

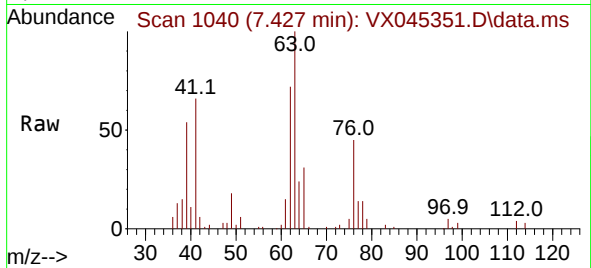
Tgt Ion:130 Resp: 21843
Ion Ratio Lower Upper
130 100
95 106.1 0.0 205.0





#45
1,2-Dichloropropane
Concen: 21.420 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

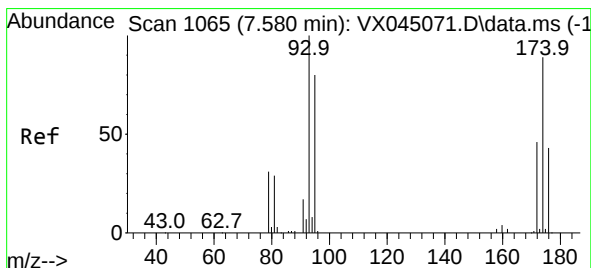
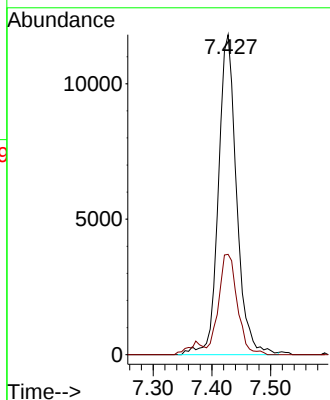
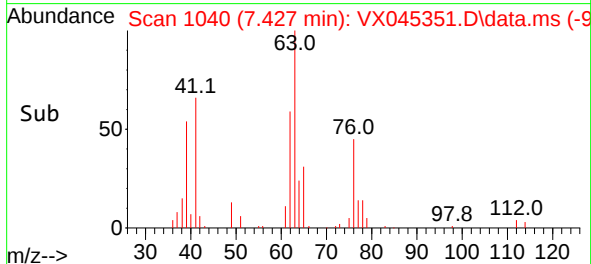
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion: 63 Resp: 25438
Ion Ratio Lower Upper
63 100
65 31.4 24.7 37.1

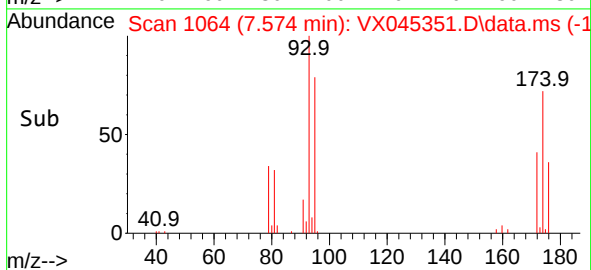
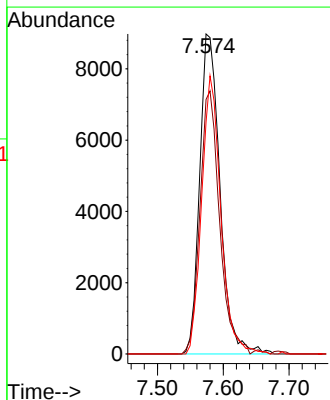
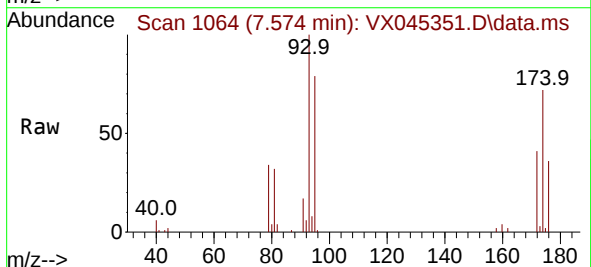
Manual Integrations
APPROVED

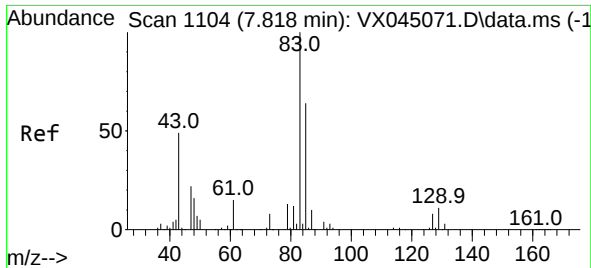
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#46
Dibromomethane
Concen: 22.976 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 93 Resp: 19286
Ion Ratio Lower Upper
93 100
95 79.9 65.8 98.8
174 82.4 72.2 108.2





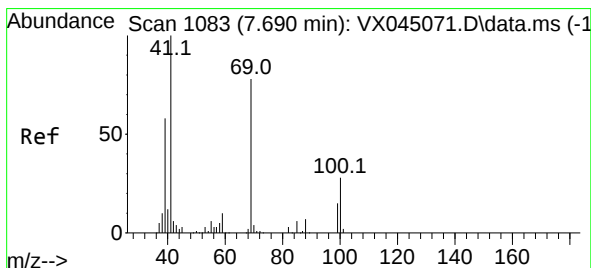
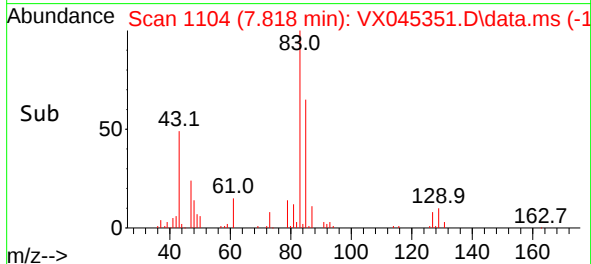
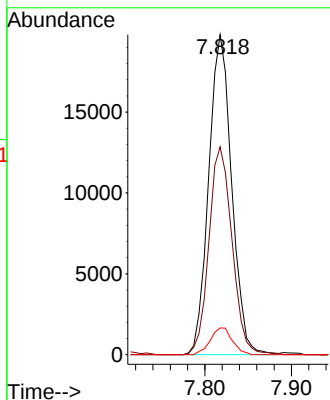
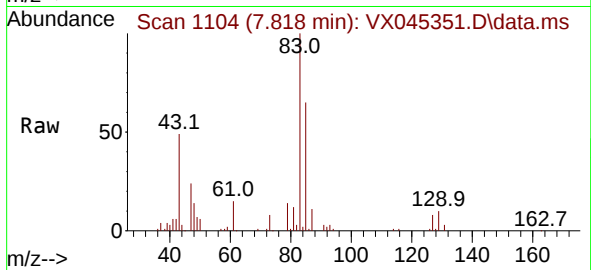
#47
Bromodichloromethane
Concen: 22.172 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 83 Resp: 36504
Ion Ratio Lower Upper
83 100
85 65.0 51.1 76.7
127 8.3 6.4 9.6

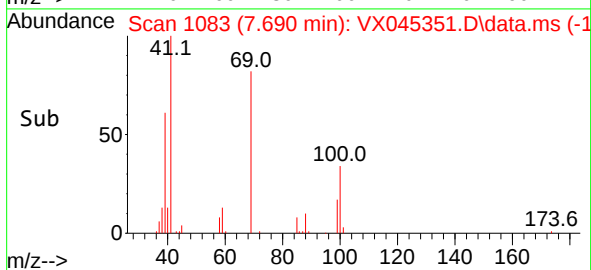
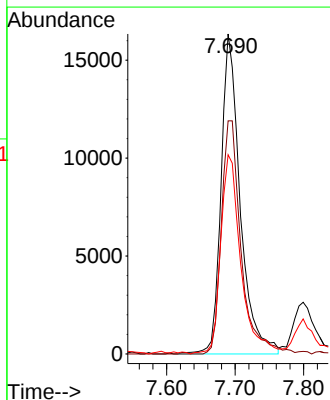
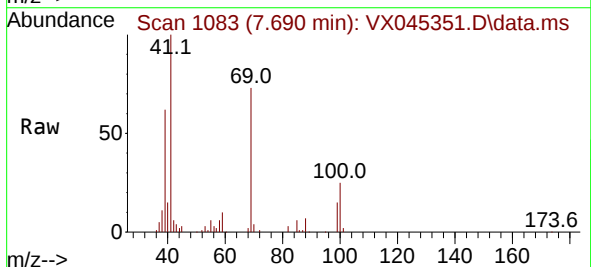
Manual Integrations
APPROVED

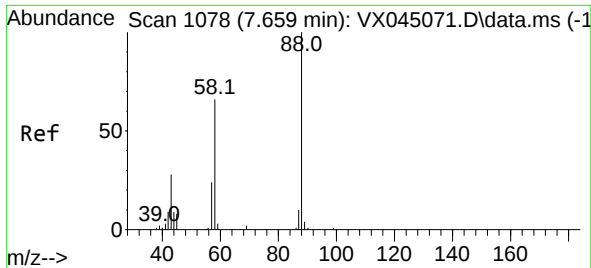
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#48
Methyl methacrylate
Concen: 22.583 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 41 Resp: 31576
Ion Ratio Lower Upper
41 100
69 75.5 63.0 94.6
39 65.5 47.5 71.3





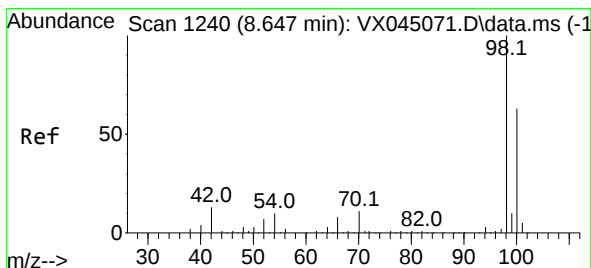
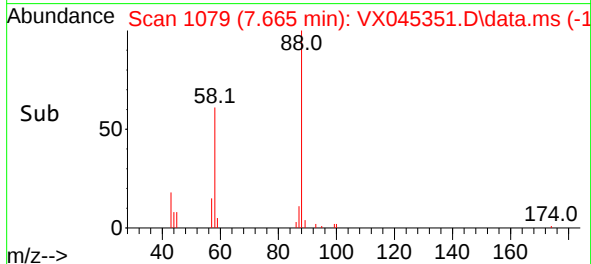
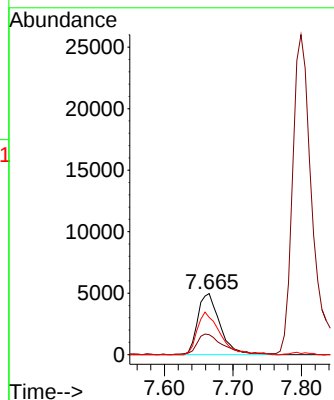
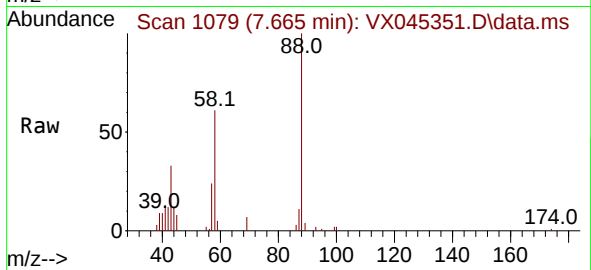
#49
1,4-Dioxane
Concen: 379.631 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 88 Resp: 11197
Ion Ratio Lower Upper
88 100
43 40.7 28.7 43.1
58 70.3 55.8 83.8

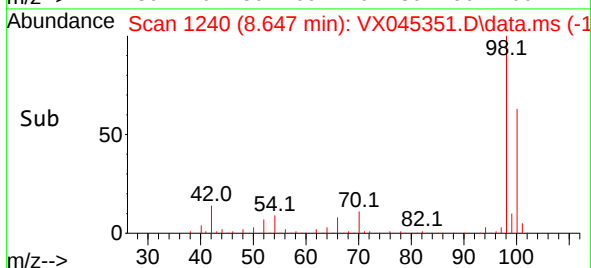
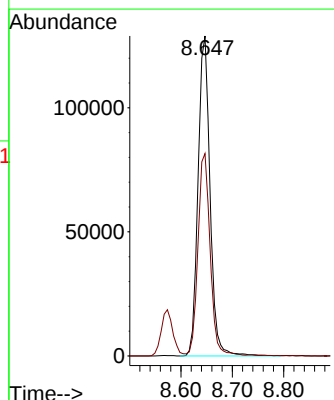
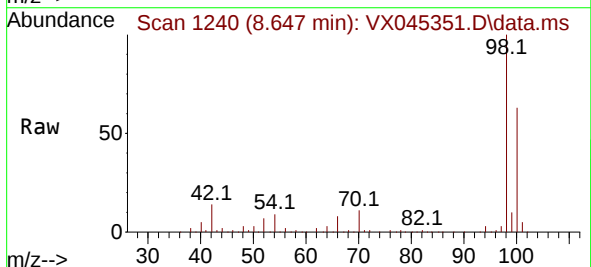
Manual Integrations
APPROVED

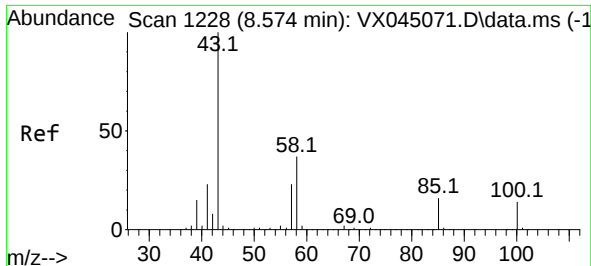
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#50
Toluene-d8
Concen: 54.128 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 98 Resp: 209297
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0





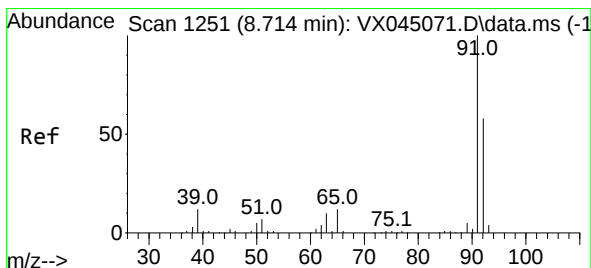
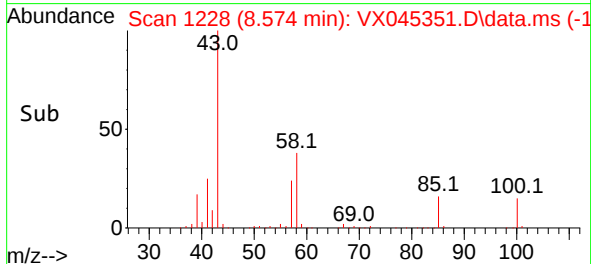
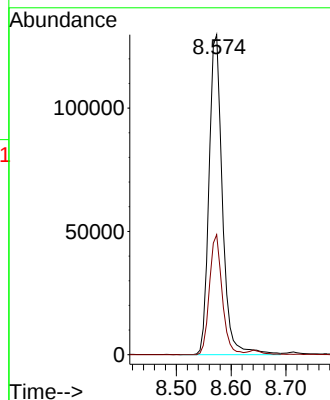
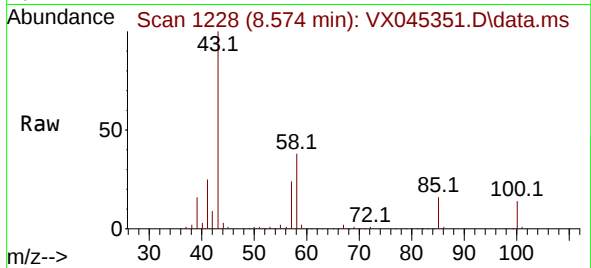
#51
4-Methyl-2-Pentanone
Concen: 117.142 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 43 Resp: 219214
Ion Ratio Lower Upper
43 100
58 35.7 29.2 43.8

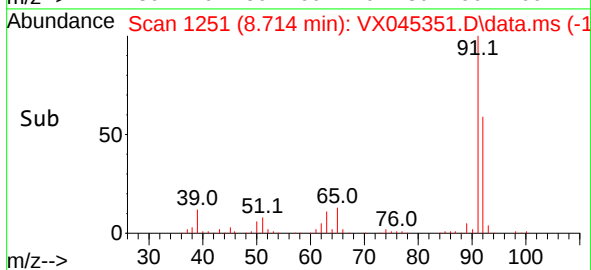
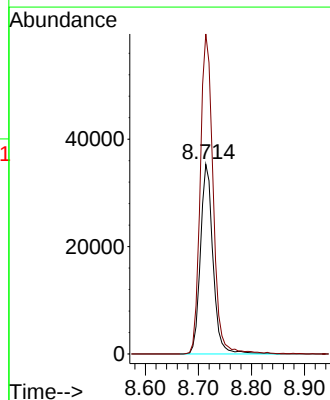
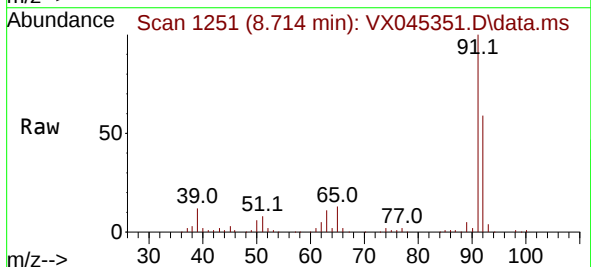
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#52
Toluene
Concen: 21.475 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 92 Resp: 58197
Ion Ratio Lower Upper
92 100
91 172.8 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 22.308 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS02

Tgt Ion: 75 Resp: 3070

Ion Ratio Lower Upper

75 100

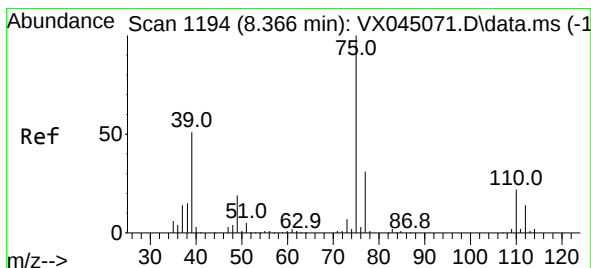
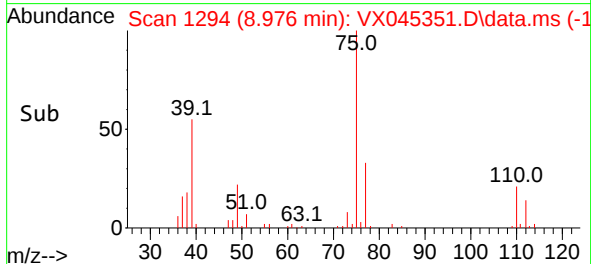
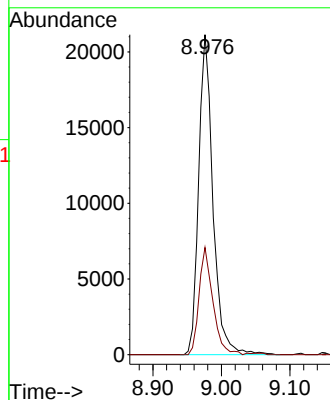
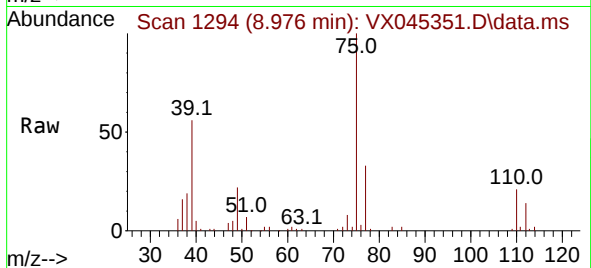
77 33.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#54

cis-1,3-Dichloropropene

Concen: 22.203 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

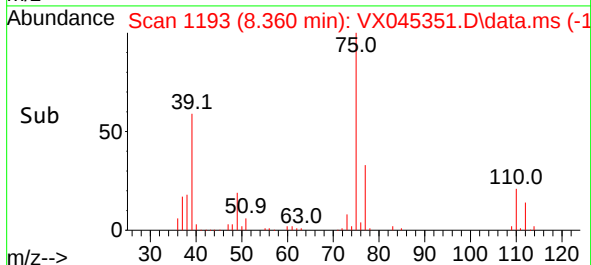
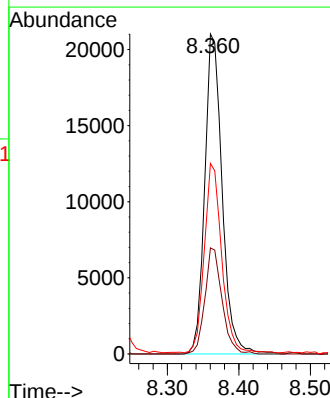
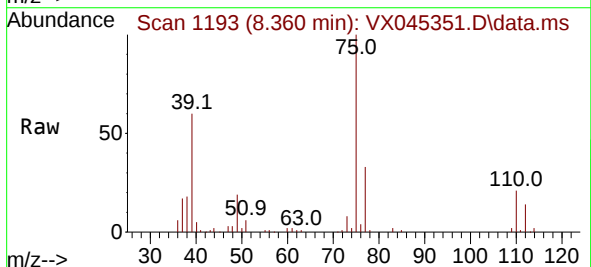
Tgt Ion: 75 Resp: 35636

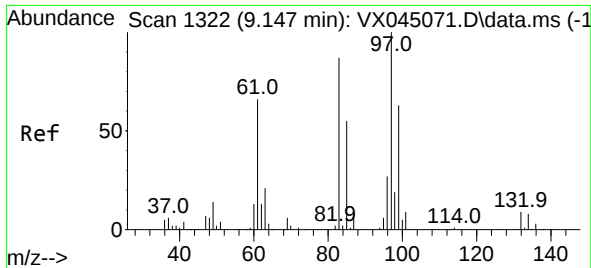
Ion Ratio Lower Upper

75 100

77 33.1 24.7 37.1

39 59.1 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 22.198 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

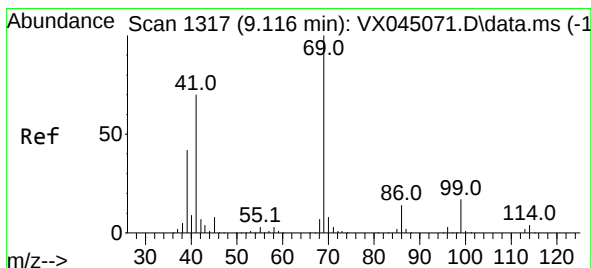
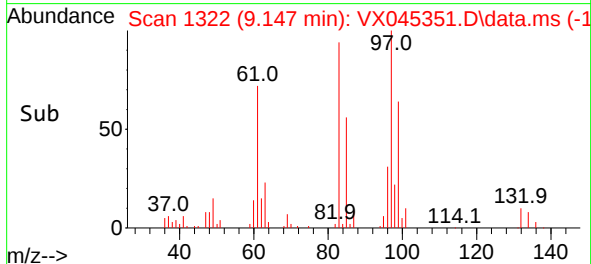
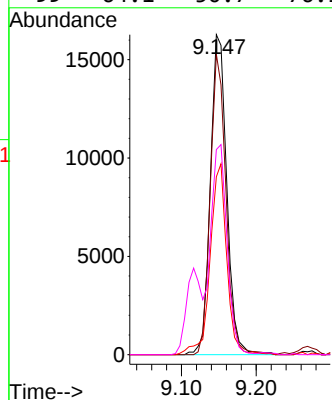
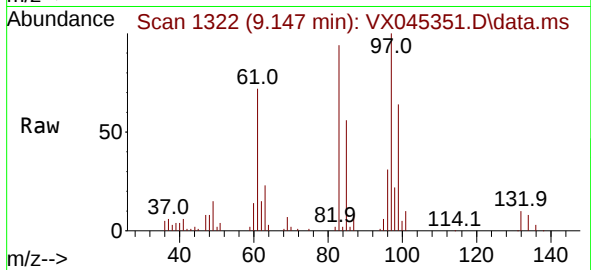
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 97 Resp: 2476

Ion	Ratio	Lower	Upper
97	100		
83	93.9	69.4	104.2
85	55.6	44.1	66.1
99	64.1	50.7	76.1

Manual Integrations
APPROVED

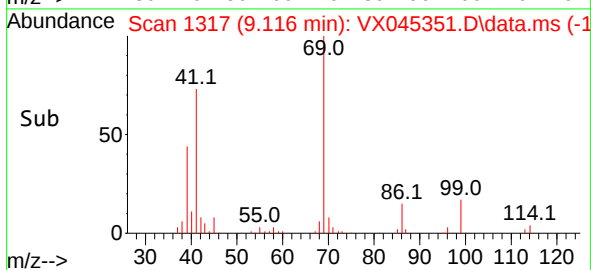
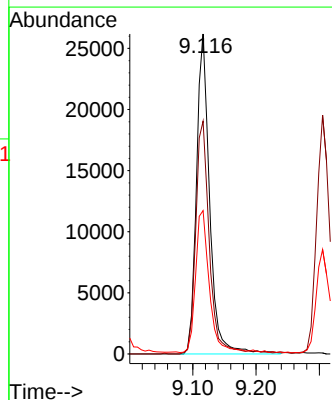
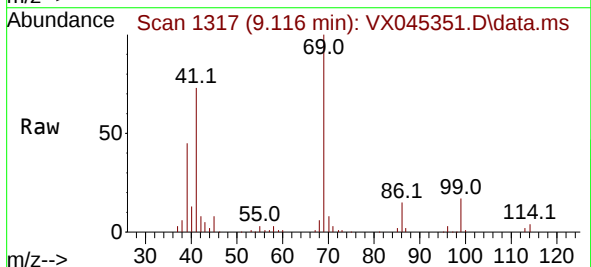
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

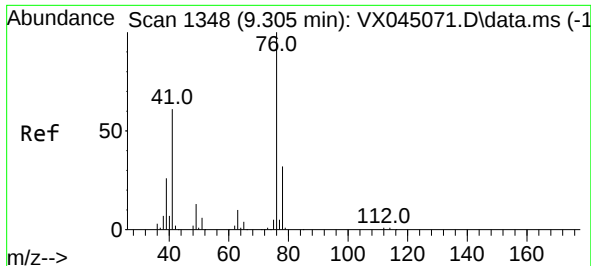


#56
Ethyl methacrylate
Concen: 22.454 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 69 Resp: 38079

Ion	Ratio	Lower	Upper
69	100		
41	75.4	57.0	85.4
39	48.1	34.2	51.4





#57

1,3-Dichloropropane

Concen: 22.279 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS02

Tgt Ion: 76 Resp: 43014

Ion Ratio Lower Upper

76 100

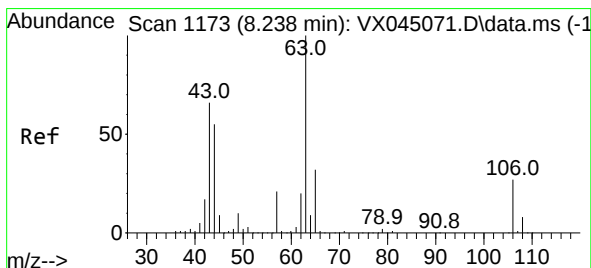
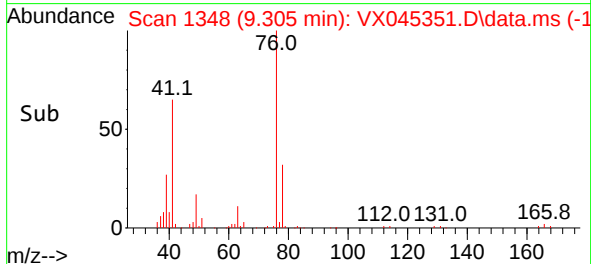
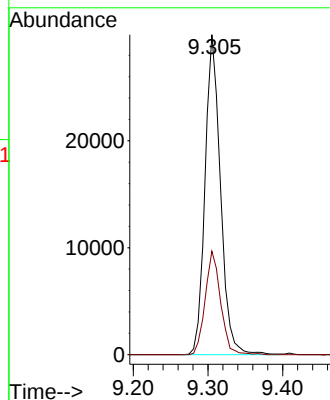
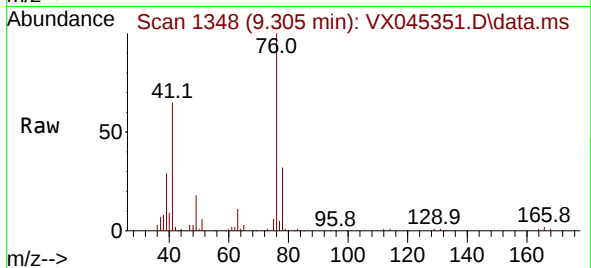
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 104.276 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045351.D

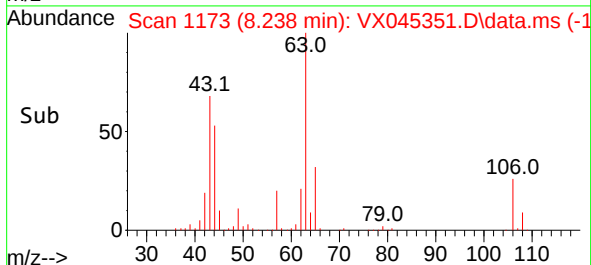
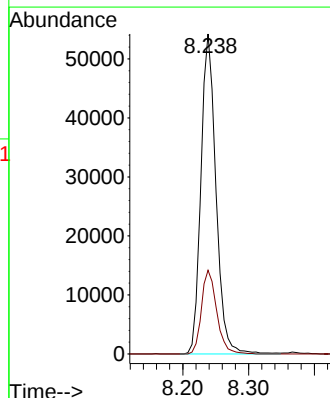
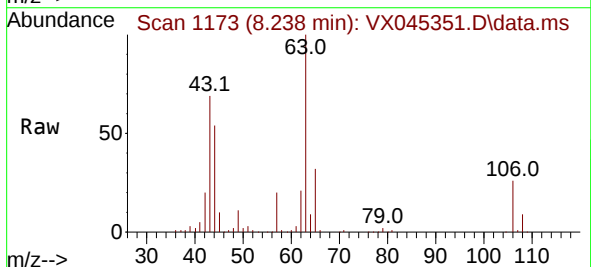
Acq: 20 Mar 2025 11:20

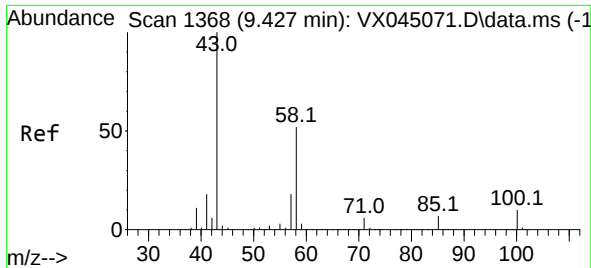
Tgt Ion: 63 Resp: 86262

Ion Ratio Lower Upper

63 100

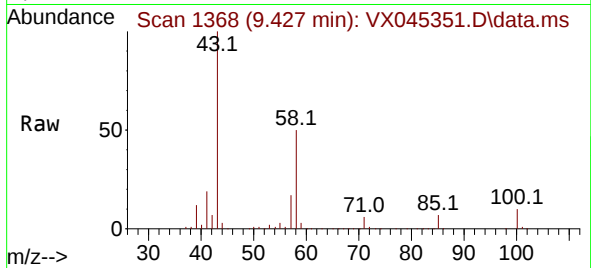
106 26.4 21.5 32.3





#59
2-Hexanone
Concen: 116.373 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

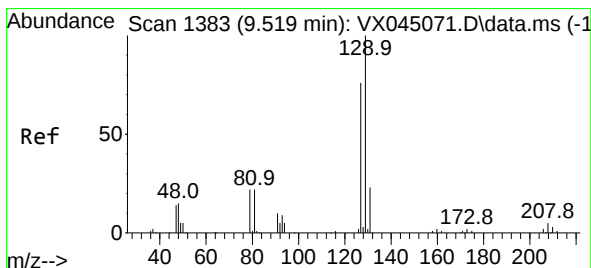
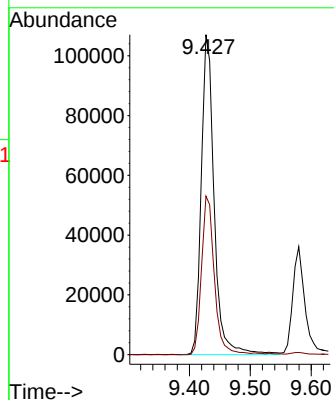
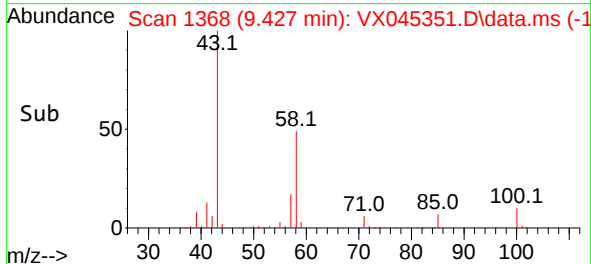
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion: 43 Resp: 15778
Ion Ratio Lower Upper
43 100
58 49.6 25.9 77.6

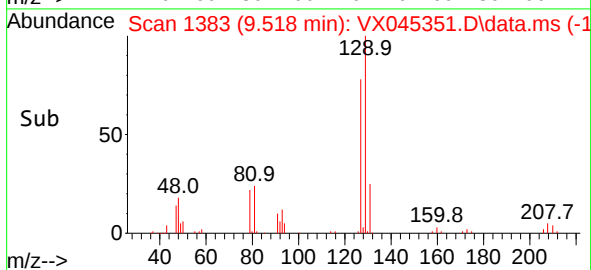
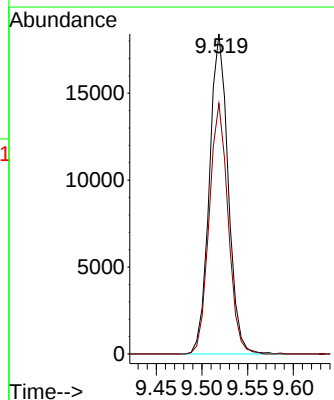
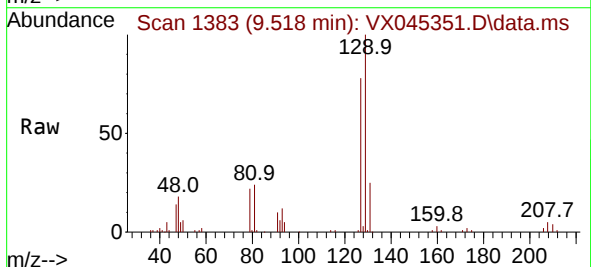
Manual Integrations
APPROVED

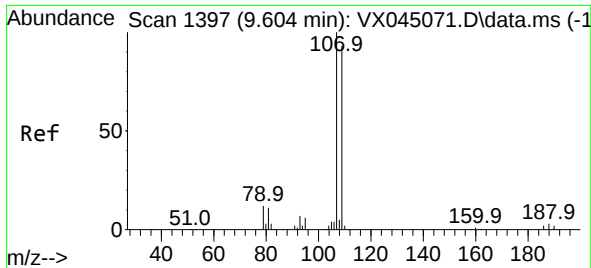
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#60
Dibromochloromethane
Concen: 22.481 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

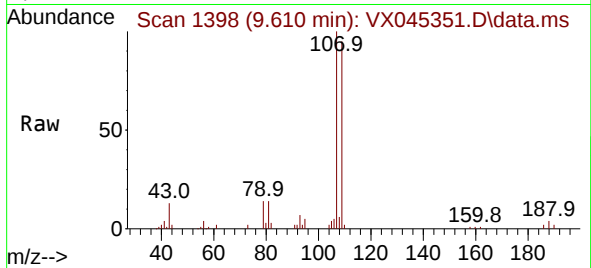
Tgt Ion:129 Resp: 26224
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.780 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

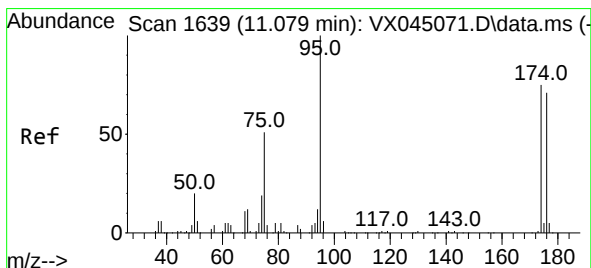
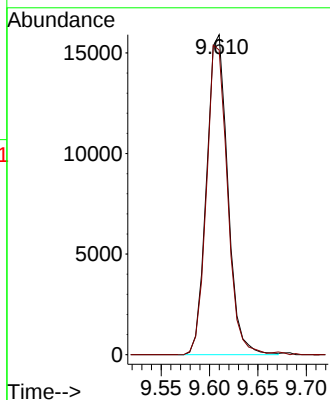
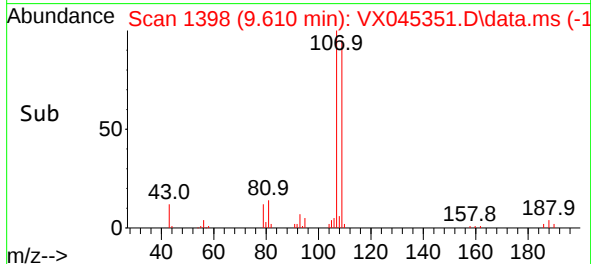
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion:107 Resp: 2425
Ion Ratio Lower Upper
107 100
109 96.1 76.1 114.1

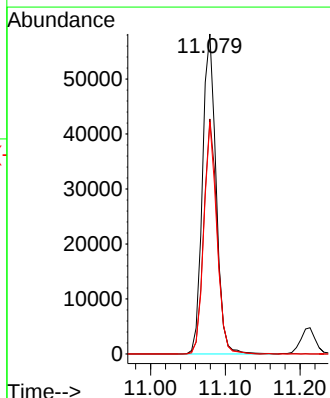
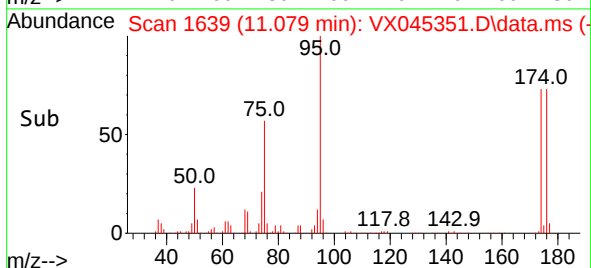
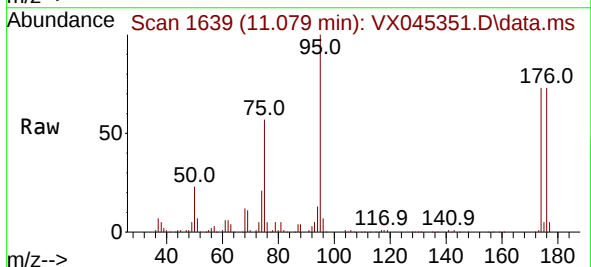
Manual Integrations
APPROVED

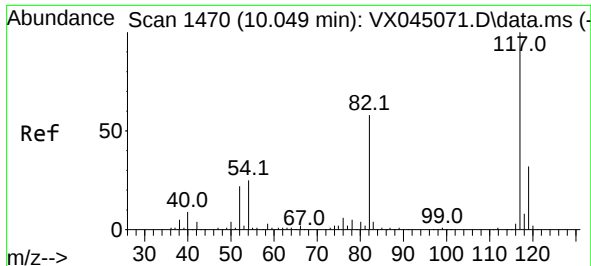
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#62
4-Bromofluorobenzene
Concen: 57.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

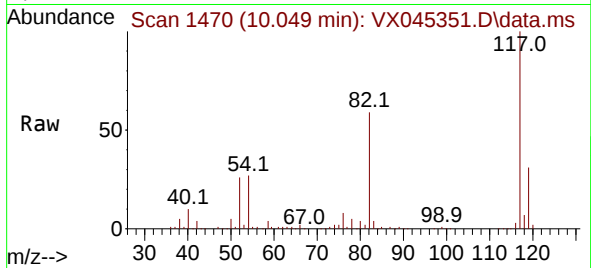
Tgt Ion: 95 Resp: 73528
Ion Ratio Lower Upper
95 100
174 72.0 0.0 148.2
176 68.9 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

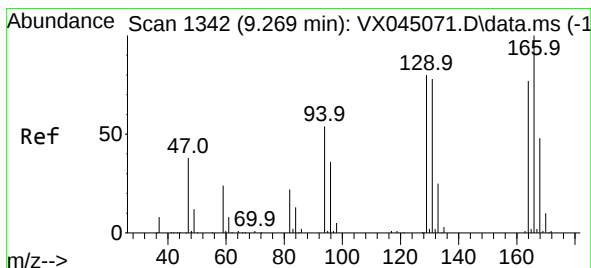
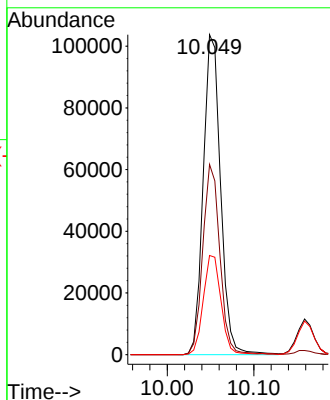
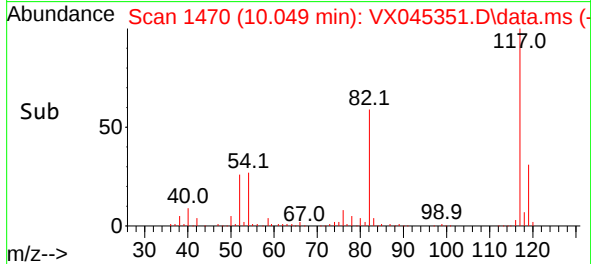
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion:117 Resp: 14436
Ion Ratio Lower Upper
117 100
82 59.4 46.3 69.5
119 31.0 25.7 38.5

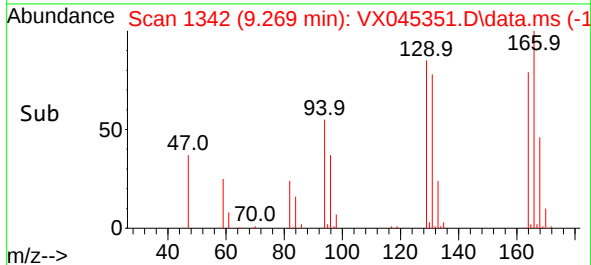
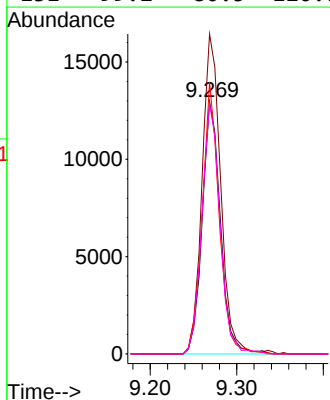
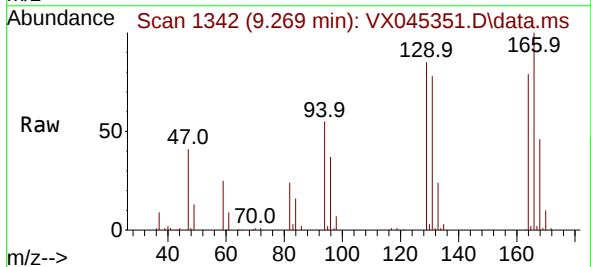
Manual Integrations
APPROVED

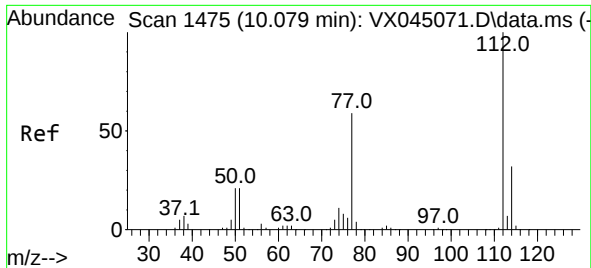
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#64
Tetrachloroethene
Concen: 20.461 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion:164 Resp: 18918
Ion Ratio Lower Upper
164 100
166 126.8 103.6 155.4
129 107.7 82.7 124.1
131 99.2 80.5 120.7





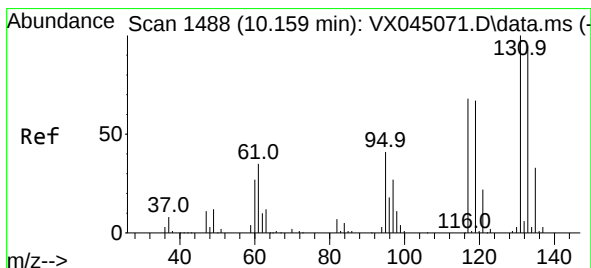
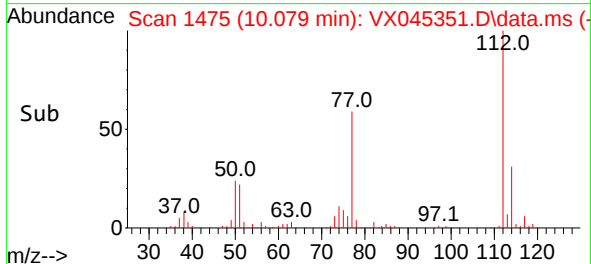
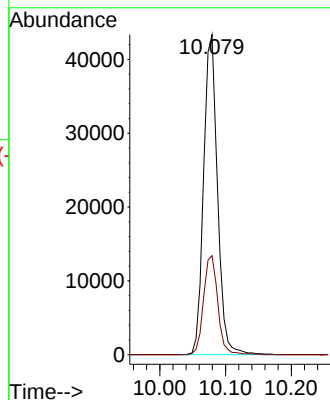
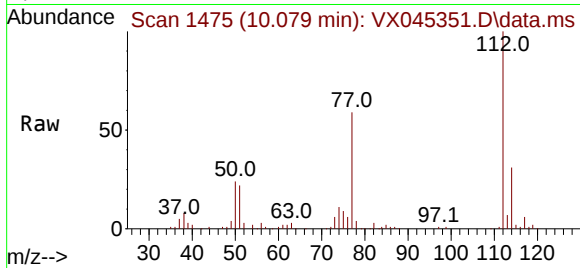
#65
Chlorobenzene
Concen: 20.880 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion:112 Resp: 63780
Ion Ratio Lower Upper
112 100
114 31.0 26.0 39.0

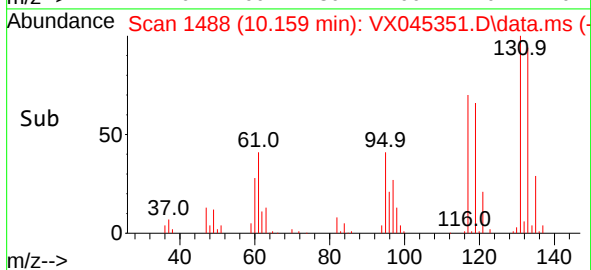
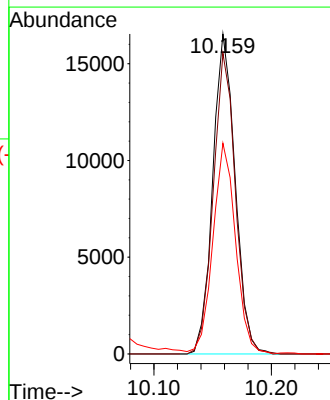
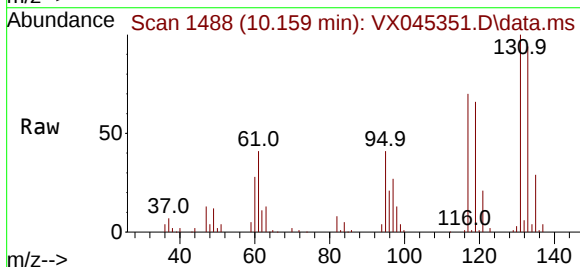
Manual Integrations
APPROVED

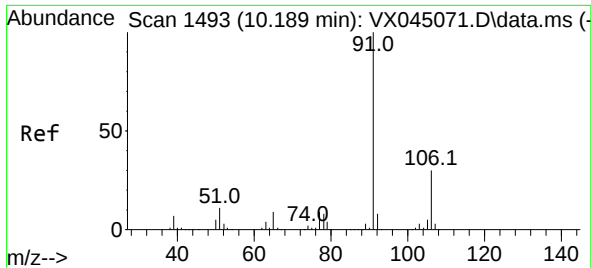
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.473 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

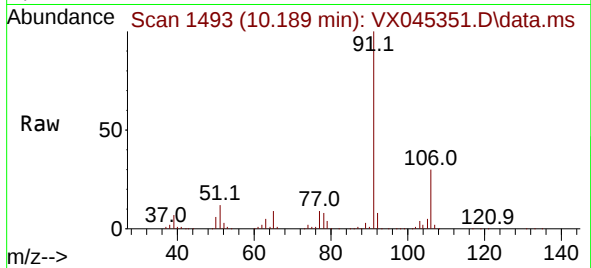
Tgt Ion:131 Resp: 21844
Ion Ratio Lower Upper
131 100
133 93.4 48.6 145.9
119 66.7 33.9 101.7





#67
Ethyl Benzene
Concen: 20.816 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

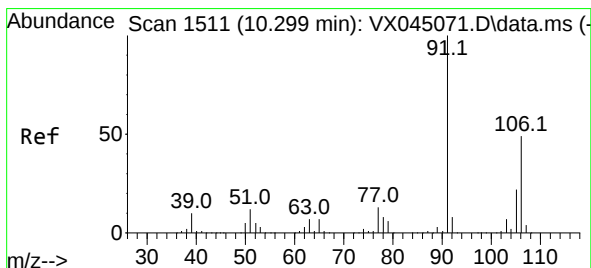
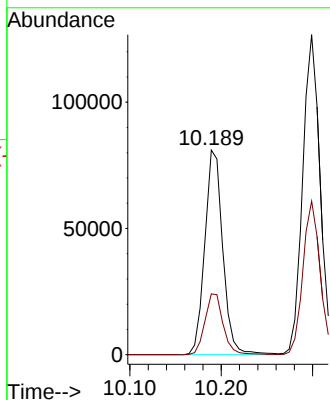
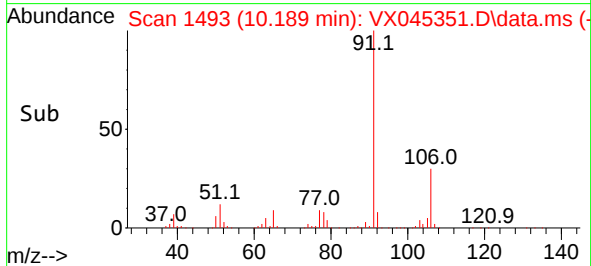
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion: 91 Resp: 110794
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9

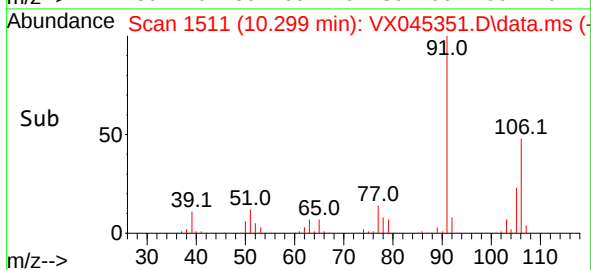
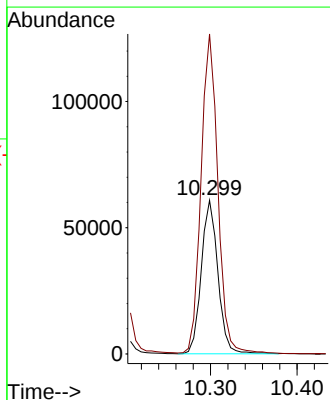
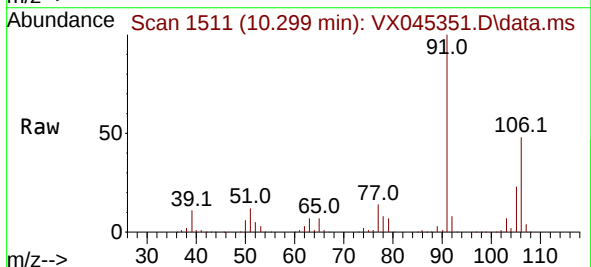
Manual Integrations
APPROVED

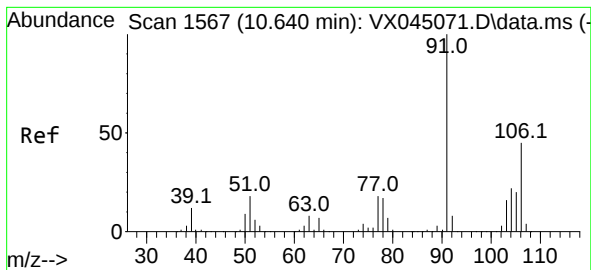
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#68
m/p-Xylenes
Concen: 41.666 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion:106 Resp: 81184
Ion Ratio Lower Upper
106 100
91 210.9 165.4 248.0





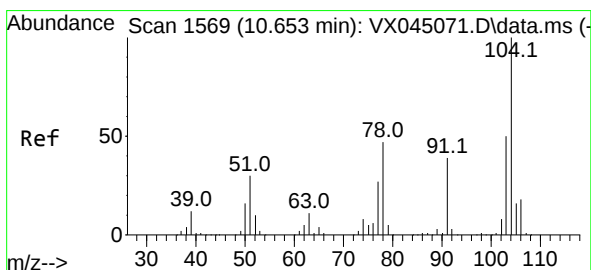
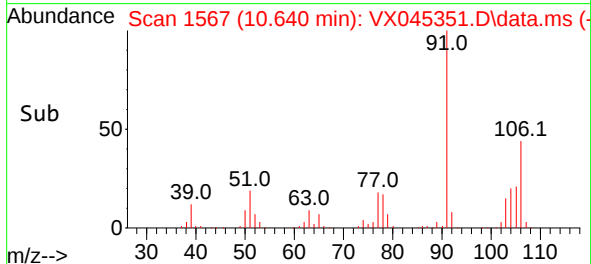
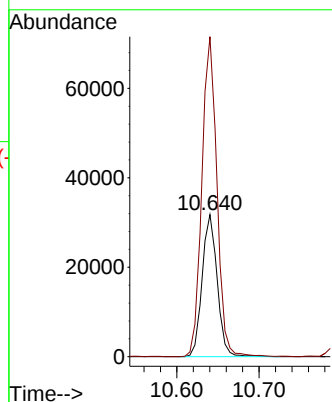
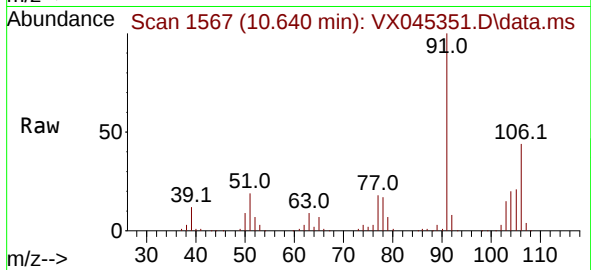
#69
o-Xylene
Concen: 20.554 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion:106 Resp: 40392
Ion Ratio Lower Upper
106 100
91 225.7 109.9 329.6

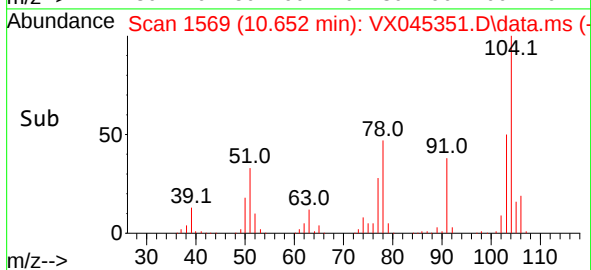
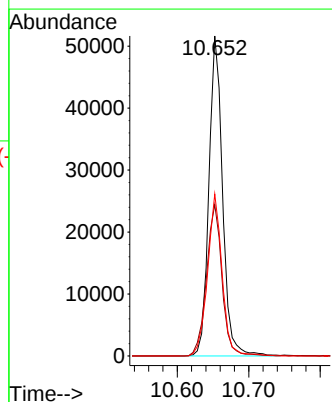
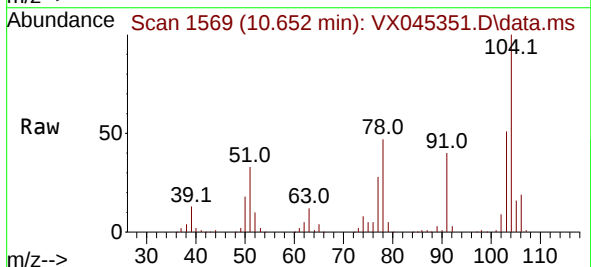
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#70
Styrene
Concen: 21.626 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion:104 Resp: 68763
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 53.9 43.8 65.8





#71

Bromoform

Concen: 21.013 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS02

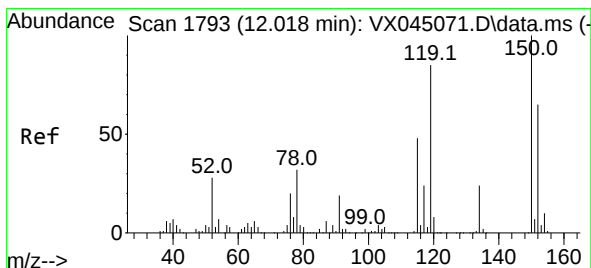
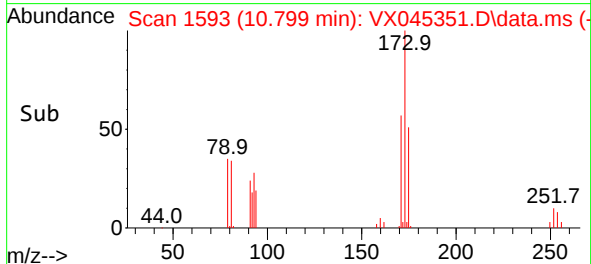
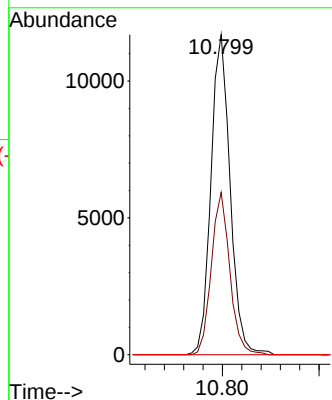
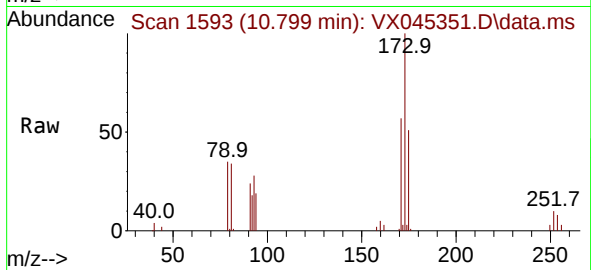
Tgt Ion:173	Resp:	16119
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.6 73.6
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

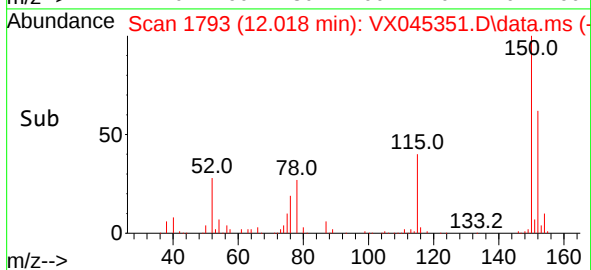
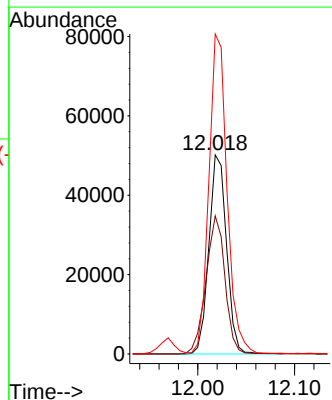
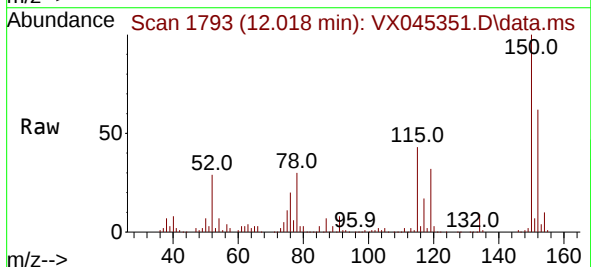
RT: 12.018 min Scan# 1793

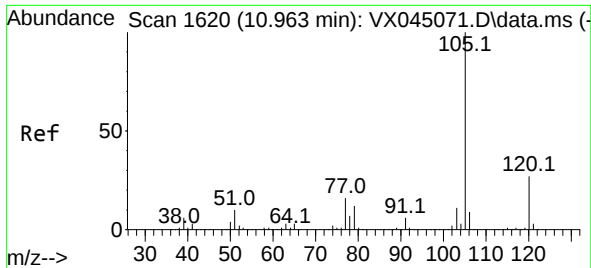
Delta R.T. -0.000 min

Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

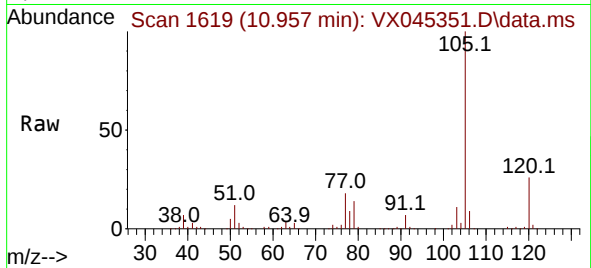
Tgt Ion:152	Resp:	63825
Ion Ratio	Lower	Upper
152	100	
115	74.8	44.2 132.6
150	164.9	0.0 349.0





#73
Isopropylbenzene
Concen: 21.476 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

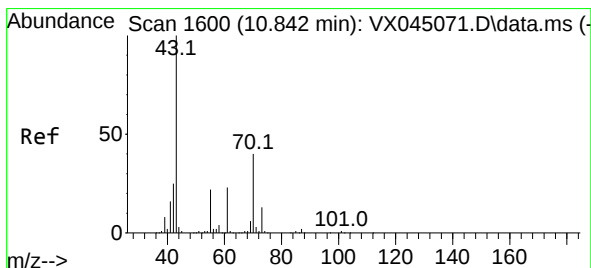
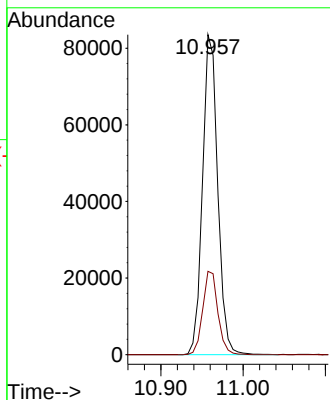
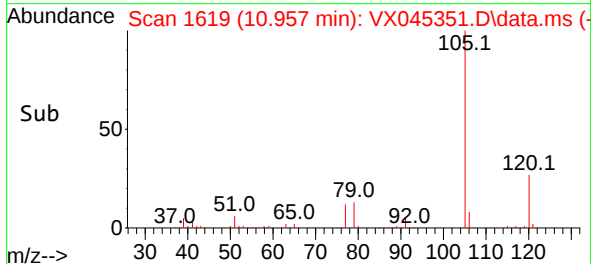
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion:105 Resp: 106980
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

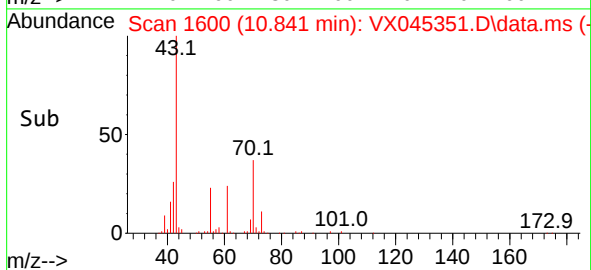
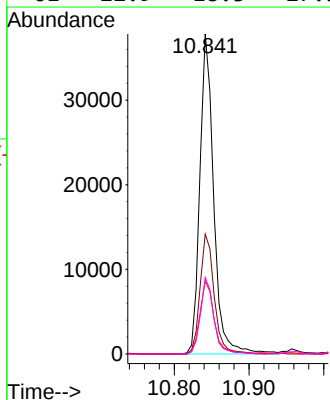
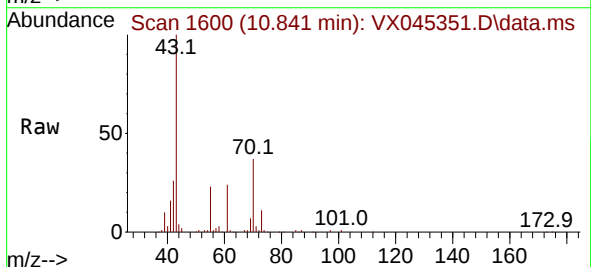
Manual Integrations
APPROVED

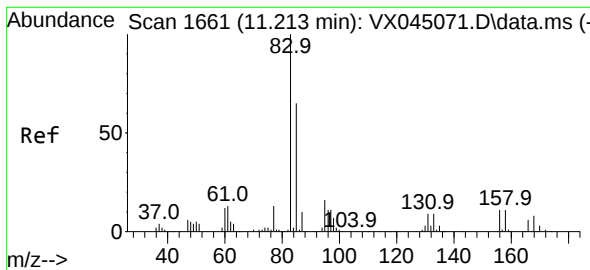
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#74
N-ethyl acetate
Concen: 20.879 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

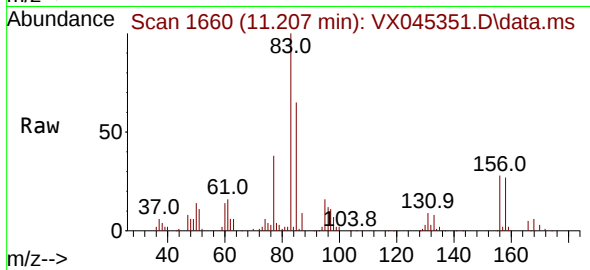
Tgt Ion: 43 Resp: 48806
Ion Ratio Lower Upper
43 100
70 38.3 31.8 47.6
55 23.4 18.3 27.5
61 22.9 18.3 27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.104 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

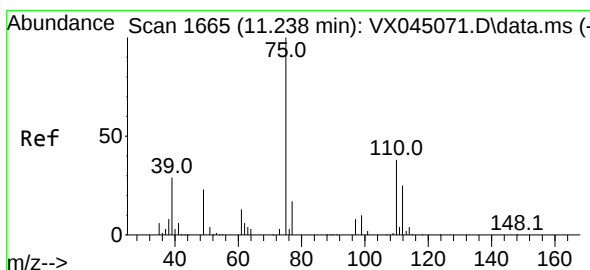
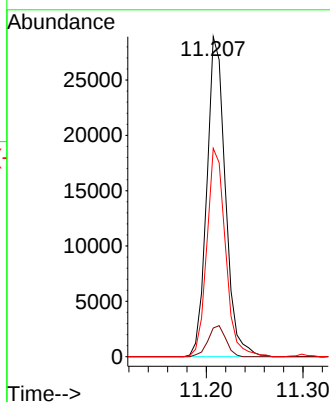
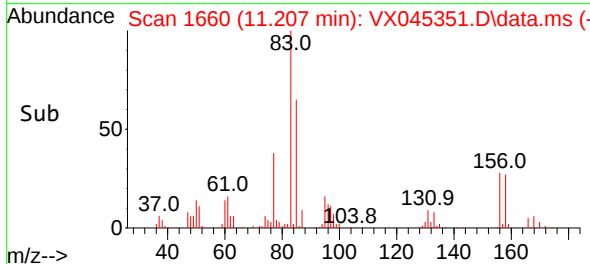
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion: 83 Resp: 3858
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 65.2 31.7 95.1

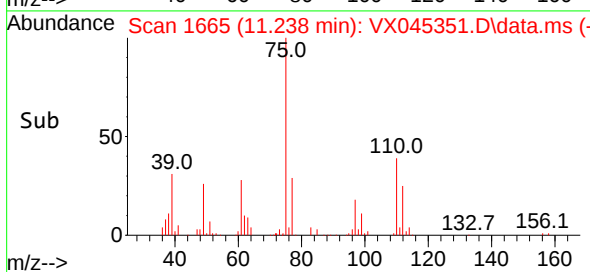
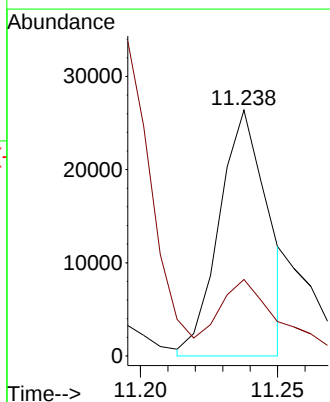
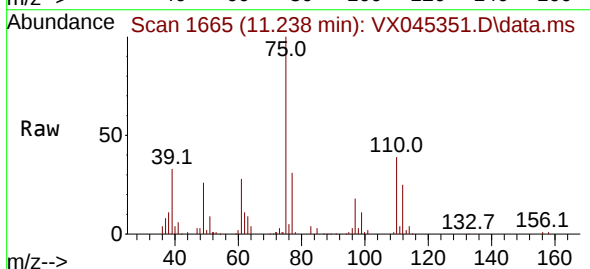
Manual Integrations
APPROVED

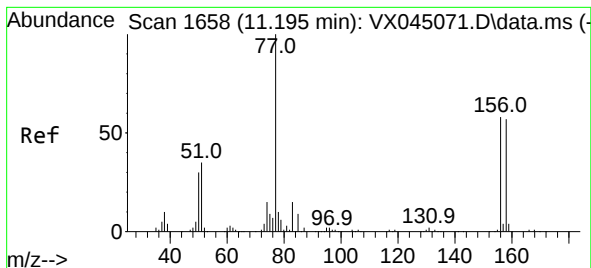
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#76
1,2,3-Trichloropropane
Concen: 21.761 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 75 Resp: 32326
Ion Ratio Lower Upper
75 100
77 40.0 20.7 62.1





#77

Bromobenzene

Concen: 21.037 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS02

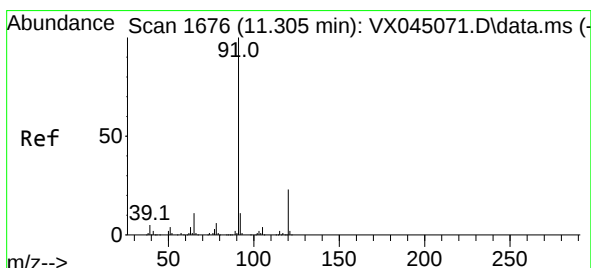
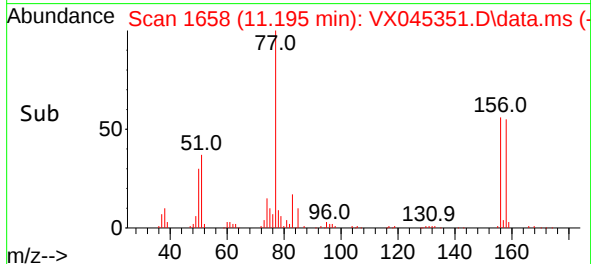
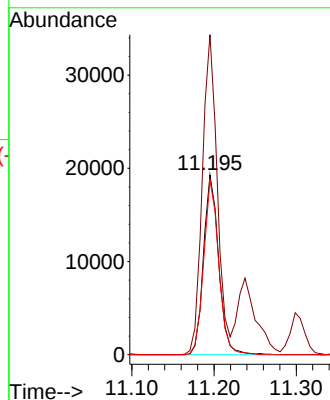
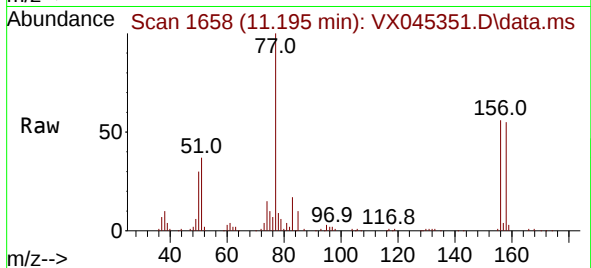
Tgt Ion:	156	Resp:	2472
Ion Ratio	Lower	Upper	
156	100		
77	175.2	85.8	257.4
158	96.1	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#78

n-propylbenzene

Concen: 21.844 ug/l

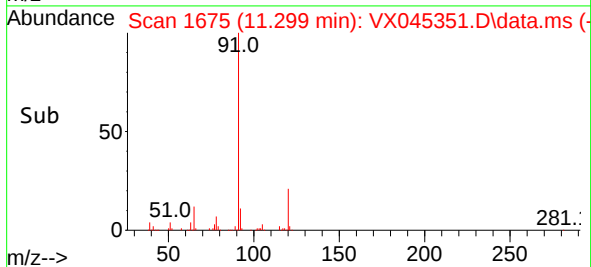
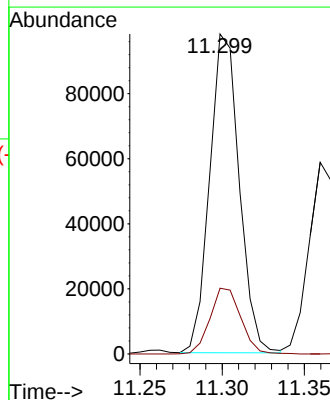
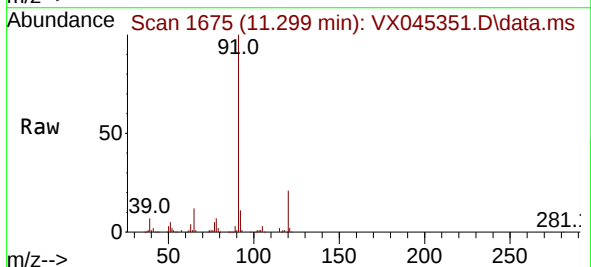
RT: 11.299 min Scan# 1675

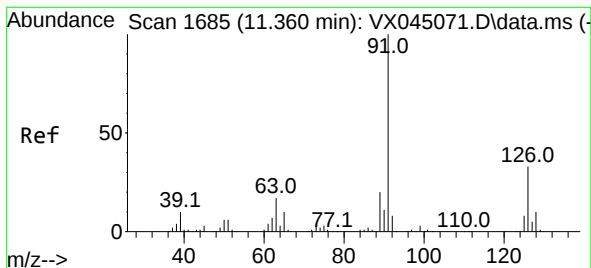
Delta R.T. -0.006 min

Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

Tgt Ion:	91	Resp:	122930
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.2	33.6





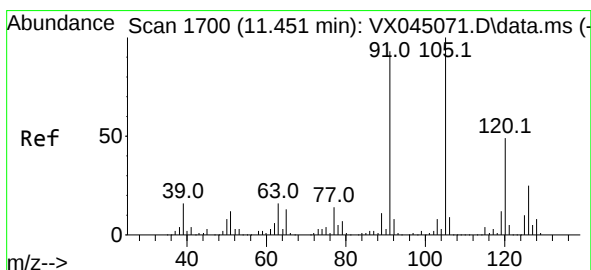
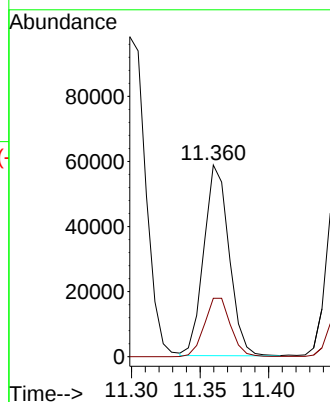
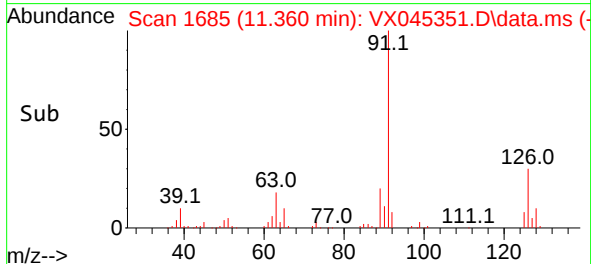
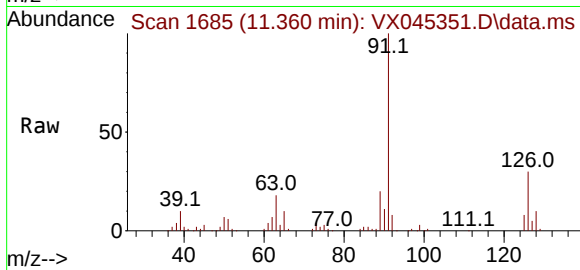
#79
2-Chlorotoluene
Concen: 21.001 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion: 91 Resp: 75268
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

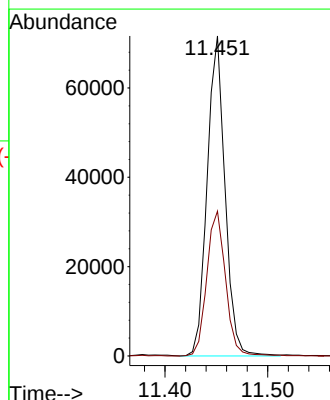
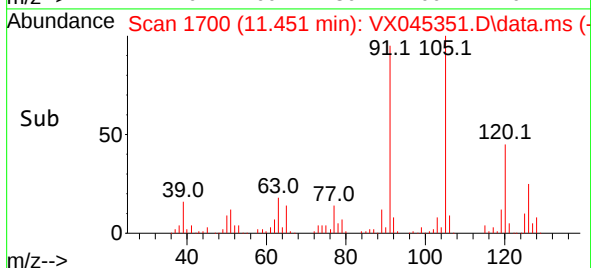
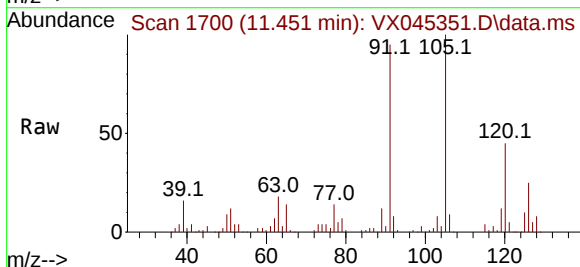
Manual Integrations
APPROVED

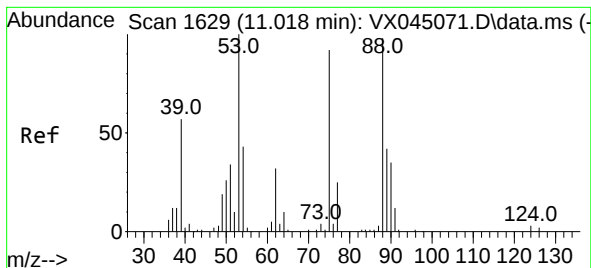
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.502 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

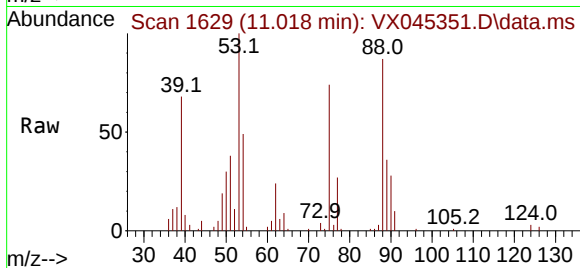
Tgt Ion:105 Resp: 86611
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 20.199 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

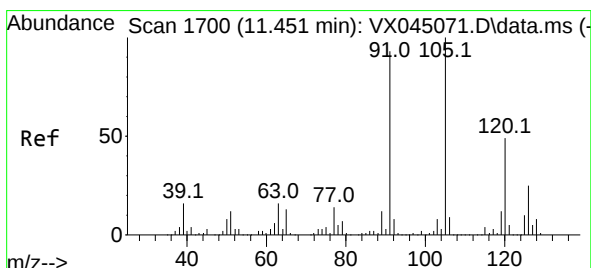
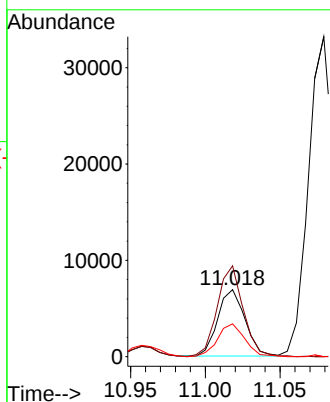
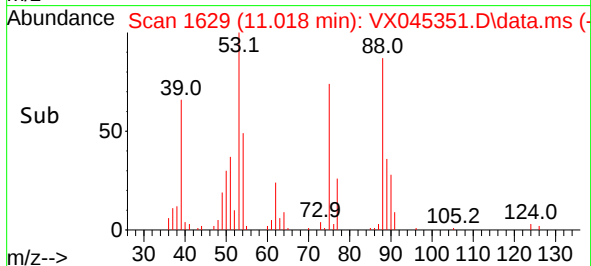
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



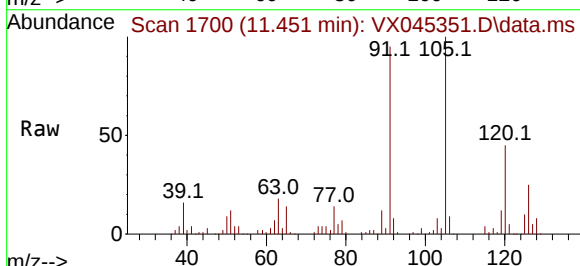
Tgt Ion: 75 Resp: 8768
Ion Ratio Lower Upper
75 100
53 130.3 88.5 132.7
89 49.4 36.2 54.4

Manual Integrations
APPROVED

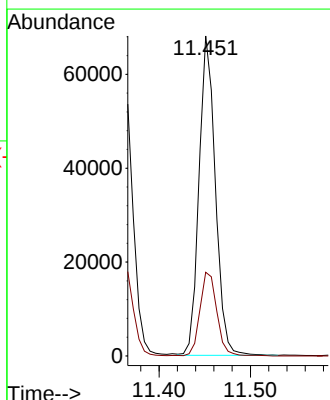
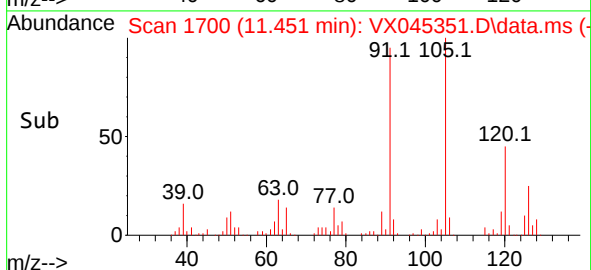
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

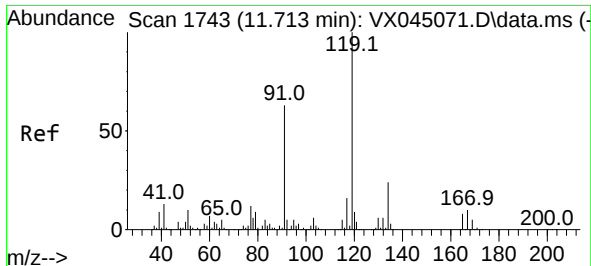


#82
4-Chlorotoluene
Concen: 21.579 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20



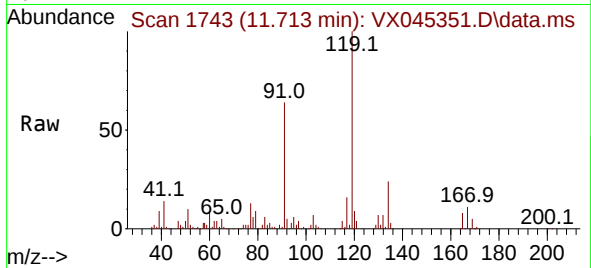
Tgt Ion: 91 Resp: 84287
Ion Ratio Lower Upper
91 100
126 27.3 14.1 42.4





#83
tert-Butylbenzene
Concen: 21.542 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

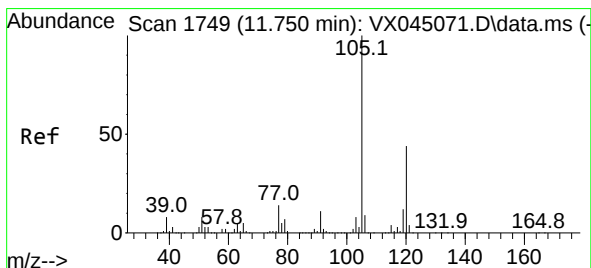
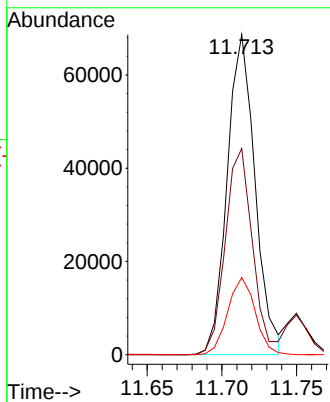
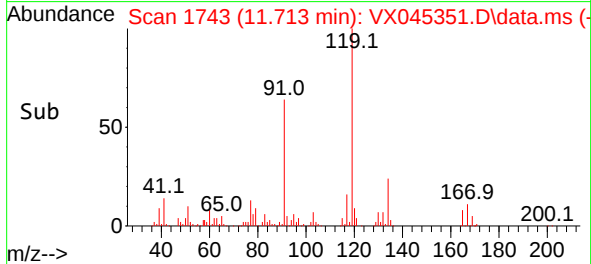
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion:119 Resp: 89158
Ion Ratio Lower Upper
119 100
91 63.2 30.7 92.1
134 23.7 11.7 35.0

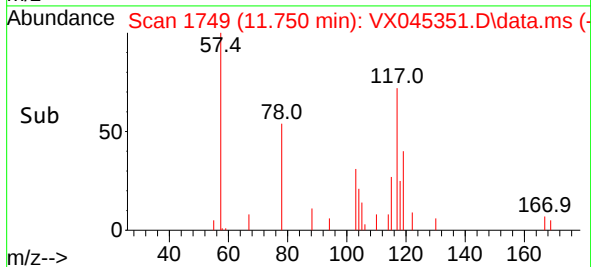
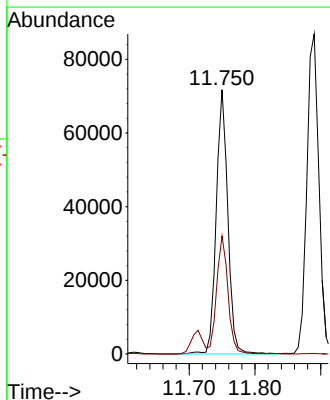
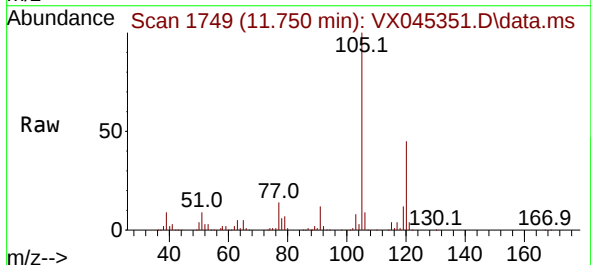
Manual Integrations
APPROVED

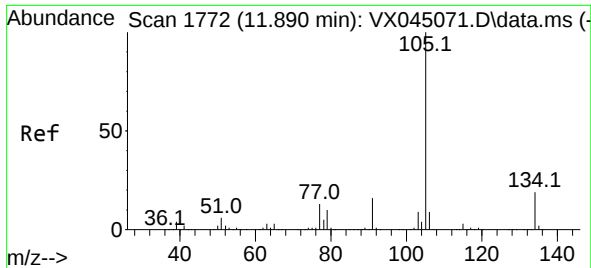
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 21.673 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

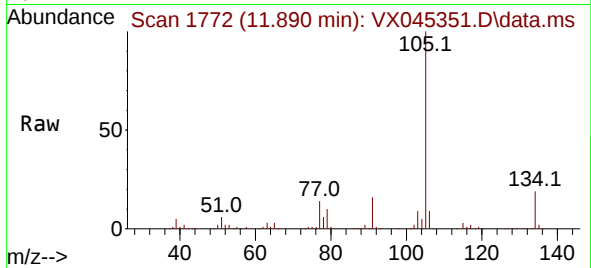
Tgt Ion:105 Resp: 87842
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 22.324 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045351.D
 Acq: 20 Mar 2025 11:20

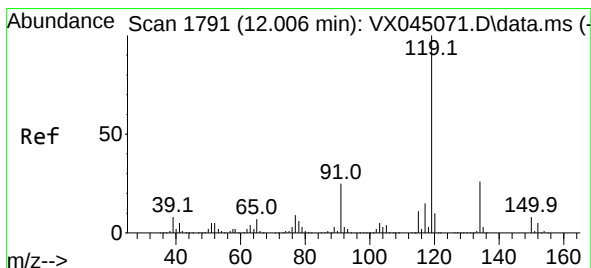
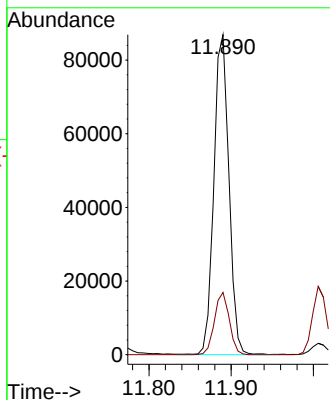
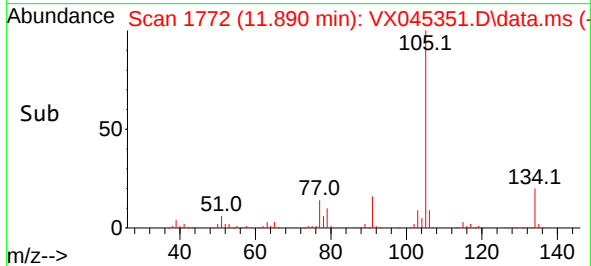
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS02



Tgt Ion:105 Resp: 110674
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

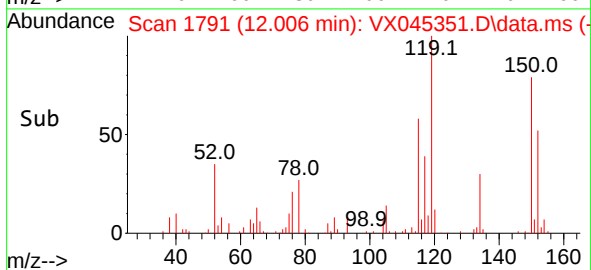
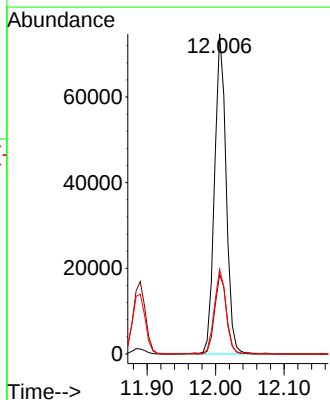
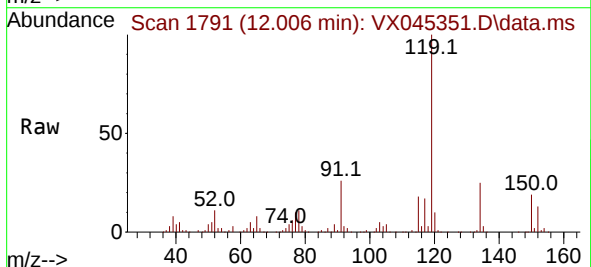
Manual Integrations
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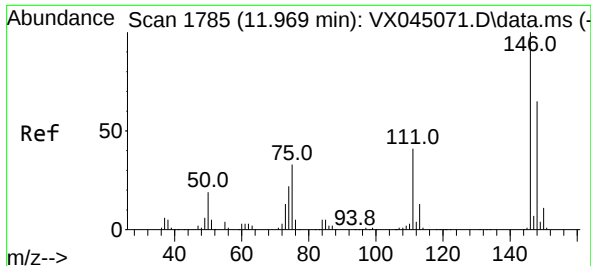
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#86
 p-Isopropyltoluene
 Concen: 21.950 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045351.D
 Acq: 20 Mar 2025 11:20

Tgt Ion:119 Resp: 87942
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.6
 91 26.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.493 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS02

Tgt Ion:146 Resp: 4297

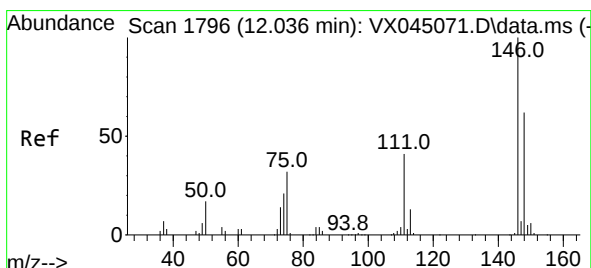
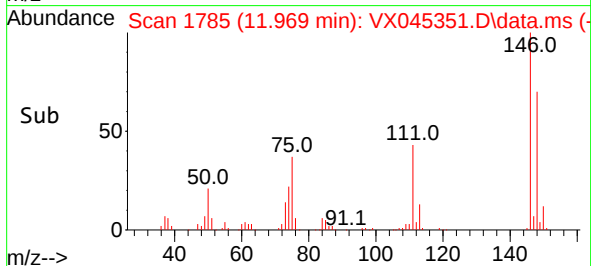
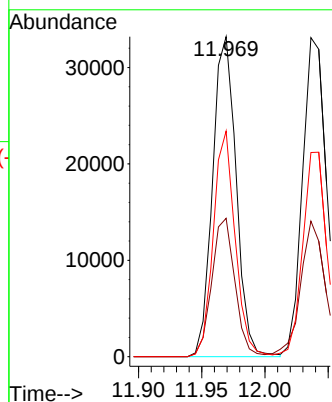
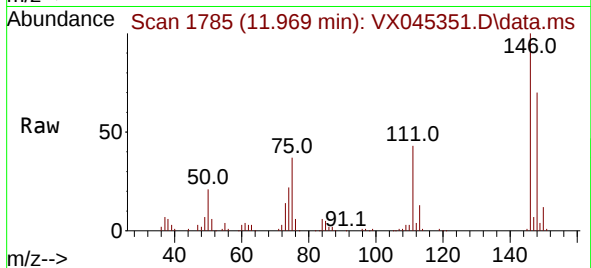
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.4
148	65.5	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#88

1,4-Dichlorobenzene

Concen: 20.488 ug/l

RT: 12.036 min Scan# 1796

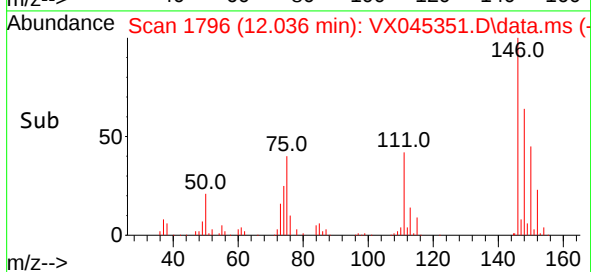
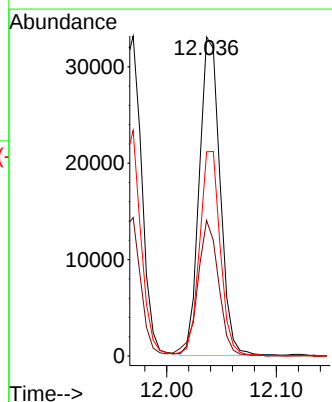
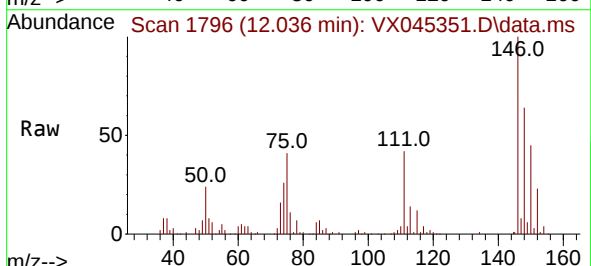
Delta R.T. -0.000 min

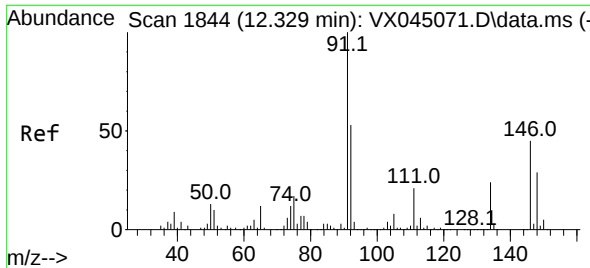
Lab File: VX045351.D

Acq: 20 Mar 2025 11:20

Tgt Ion:146 Resp: 43463

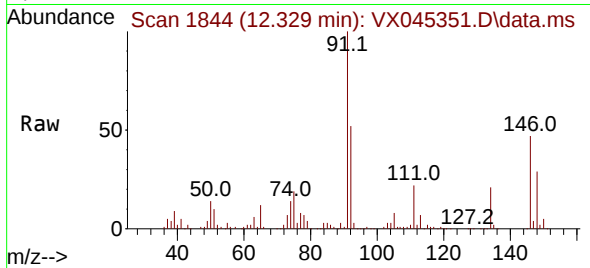
Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.2	60.5
148	64.4	31.9	95.9





#89
n-Butylbenzene
Concen: 22.694 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

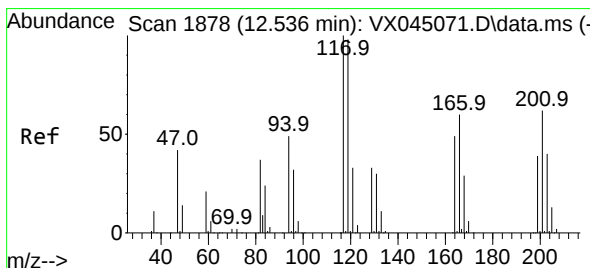
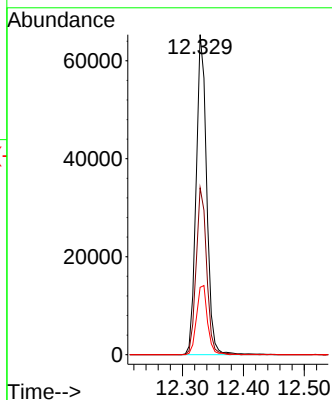
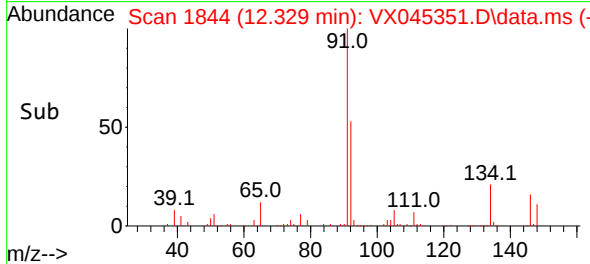
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



Tgt Ion: 91 Resp: 7831
Ion Ratio Lower Upper
91 100
92 51.9 26.7 80.0
134 22.4 12.2 36.6

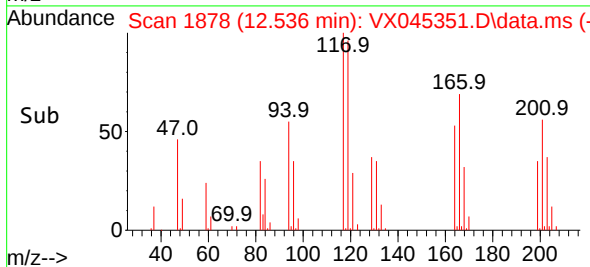
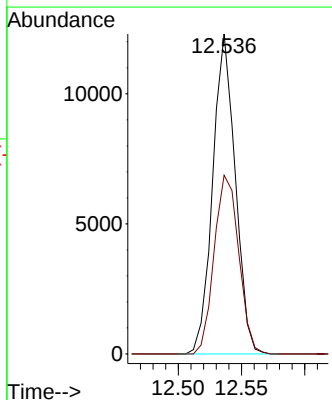
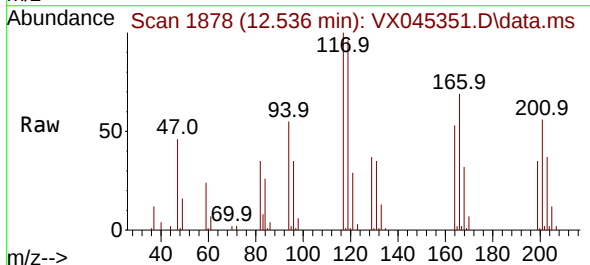
Manual Integrations
APPROVED

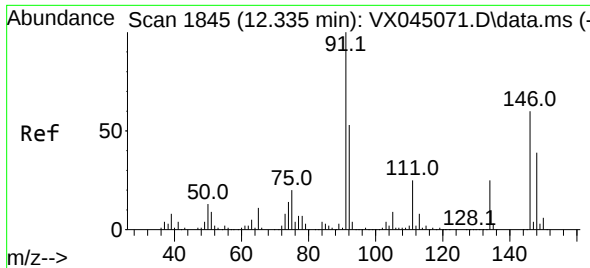
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#90
Hexachloroethane
Concen: 21.026 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion:117 Resp: 15237
Ion Ratio Lower Upper
117 100
201 60.8 31.9 95.9





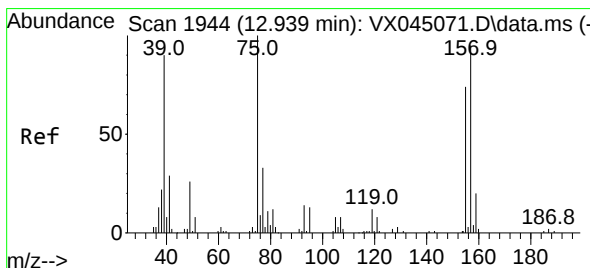
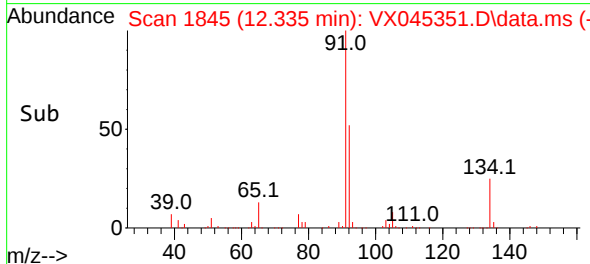
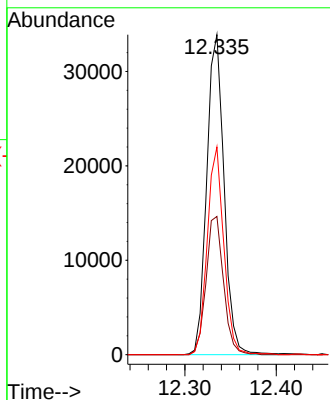
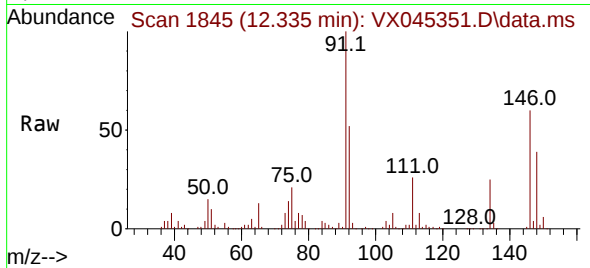
#91
1,2-Dichlorobenzene
Concen: 21.148 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion:146 Resp: 4448
Ion Ratio Lower Upper
146 100
111 43.5 21.6 65.0
148 62.1 31.9 95.9

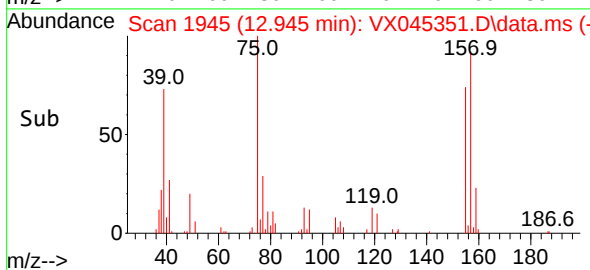
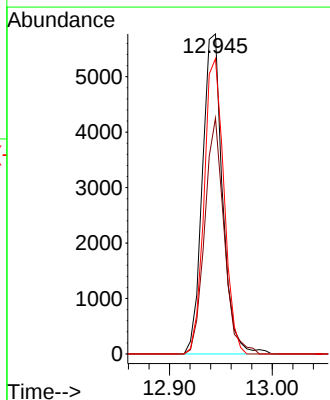
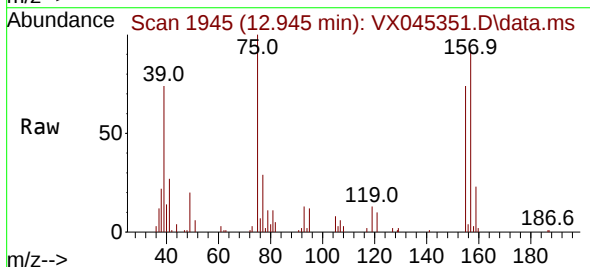
Manual Integrations
APPROVED

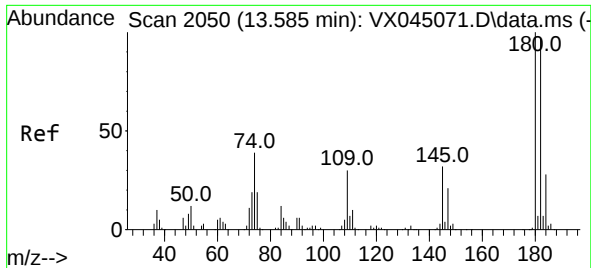
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.053 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Tgt Ion: 75 Resp: 7854
Ion Ratio Lower Upper
75 100
155 70.9 39.6 118.7
157 90.8 51.1 153.4





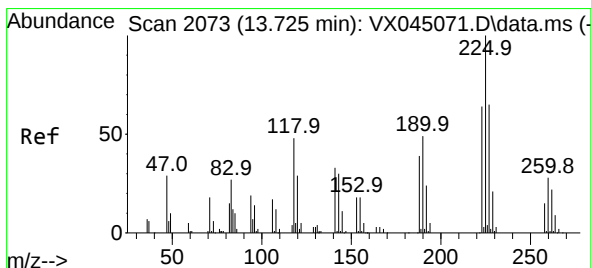
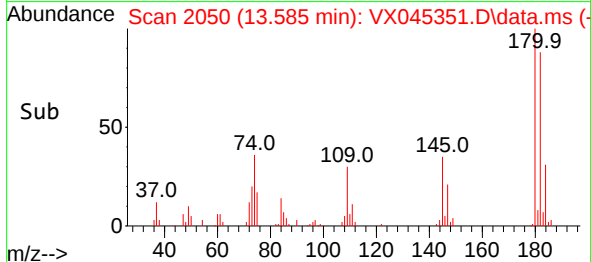
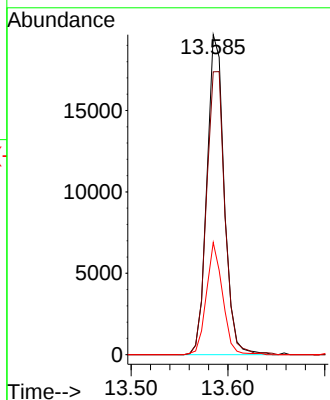
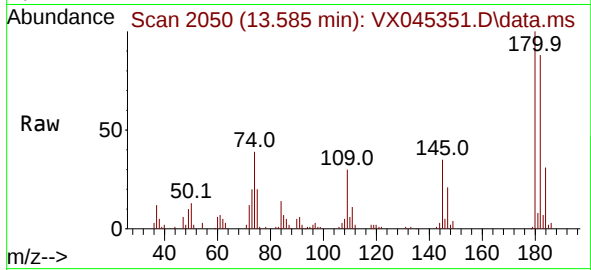
#93
1,2,4-Trichlorobenzene
Concen: 20.386 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02

Tgt Ion:180 Resp: 2441
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 33.0 16.3 48.9

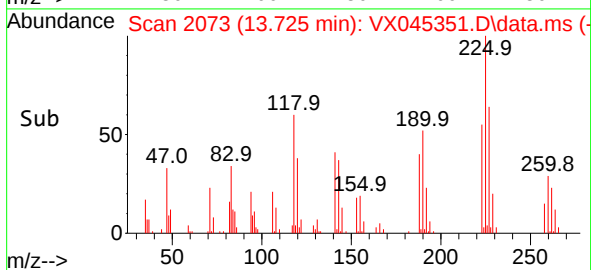
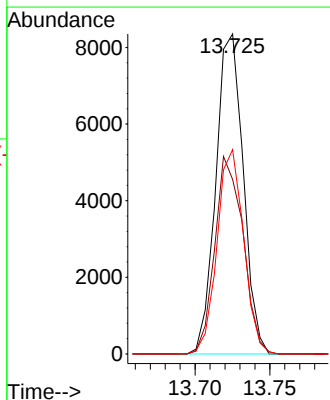
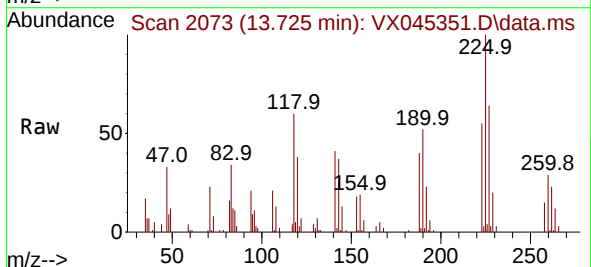
Manual Integrations
APPROVED

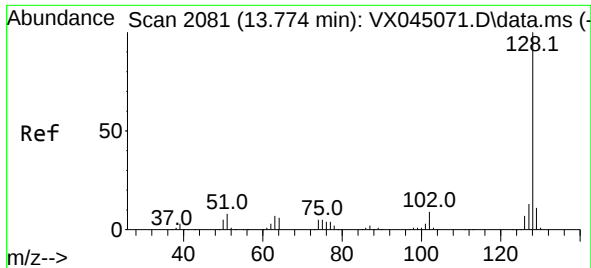
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#94
Hexachlorobutadiene
Concen: 21.674 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

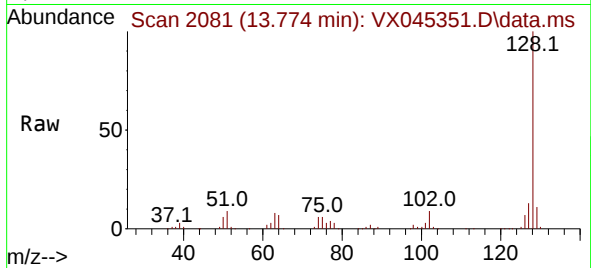
Tgt Ion:225 Resp: 10643
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 61.9 31.4 94.0





#95
Naphthalene
Concen: 20.623 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20

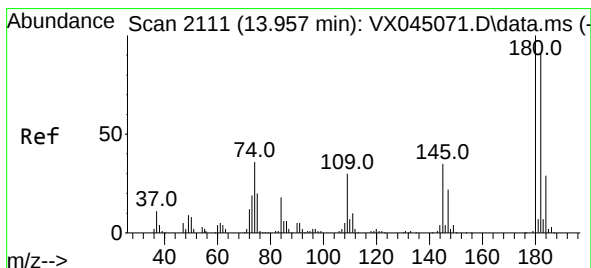
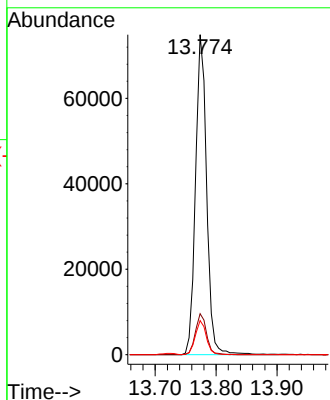
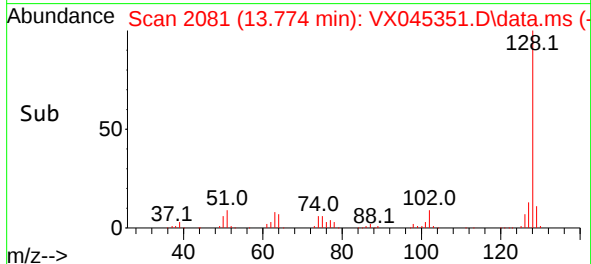
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS02



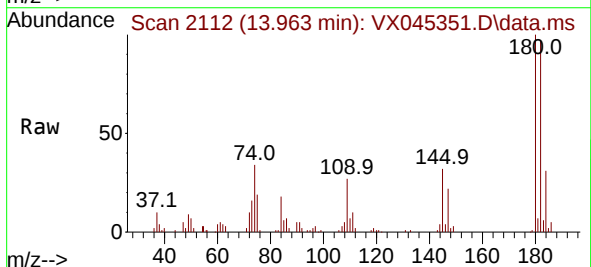
Tgt Ion:128 Resp: 9489
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.301 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045351.D
Acq: 20 Mar 2025 11:20



Tgt Ion:180 Resp: 25651
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.6
145 35.3 17.0 50.9

