

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045355.D
 Acq On : 20 Mar 2025 12:53
 Operator : JC/MD
 Sample : VX0320WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 21 01:46:07 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	103163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	154271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90427	55.106	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.220%			
35) Dibromofluoromethane	5.379	113	66573	54.782	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.560%			
50) Toluene-d8	8.647	98	227931	51.736	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.480%			
62) 4-Bromofluorobenzene	11.079	95	76667	52.516	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20816	16.030	ug/l	93
3) Chloromethane	1.307	50	22694	14.280	ug/l	100
4) Vinyl Chloride	1.374	62	22442	14.235	ug/l	95
5) Bromomethane	1.593	94	10536	17.001	ug/l	95
6) Chloroethane	1.666	64	12737	17.516	ug/l	91
7) Trichlorofluoromethane	1.873	101	35069	16.804	ug/l	95
8) Diethyl Ether	2.130	74	12438	15.237	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	22957	19.147	ug/l	99
10) Methyl Iodide	2.447	142	25972	17.333	ug/l	96
11) Tert butyl alcohol	2.977	59	21006	67.582	ug/l	99
12) 1,1-Dichloroethene	2.312	96	21080	16.629	ug/l	95
13) Acrolein	2.233	56	16173	45.012	ug/l	98
14) Allyl chloride	2.660	41	40725	18.048	ug/l	95
15) Acrylonitrile	3.062	53	73899	88.710	ug/l	99
16) Acetone	2.386	43	65813	86.442	ug/l	99
17) Carbon Disulfide	2.501	76	43727	12.951	ug/l	97
18) Methyl Acetate	2.703	43	41294	22.546	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	75611	17.778	ug/l	100
20) Methylene Chloride	2.782	84	25392	16.837	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	21273	16.986	ug/l	98
22) Diisopropyl ether	3.763	45	82592	17.997	ug/l	94
23) Vinyl Acetate	3.721	43	333482	87.078	ug/l	99
24) 1,1-Dichloroethane	3.605	63	46000	17.886	ug/l	100
25) 2-Butanone	4.562	43	103957	90.711	ug/l	93
26) 2,2-Dichloropropane	4.471	77	30710	25.457	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	27428	17.742	ug/l	93
28) Bromochloromethane	4.891	49	22492	18.348	ug/l	98
29) Tetrahydrofuran	5.007	42	64971	84.420	ug/l	98
30) Chloroform	5.086	83	48043	18.800	ug/l	98
31) Cyclohexane	5.458	56	37277	16.697	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	37970	18.397	ug/l	97
36) 1,1-Dichloropropene	5.690	75	28834	17.302	ug/l	98
37) Ethyl Acetate	4.721	43	38316	17.842	ug/l	97
38) Carbon Tetrachloride	5.672	117	31919	18.865	ug/l	94
39) Methylcyclohexane	7.379	83	35667	17.861	ug/l	97
40) Benzene	6.031	78	95403	18.128	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21420	18.447	ug/l	95
42) 1,2-Dichloroethane	6.080	62	37596	19.839	ug/l	96
43) Isopropyl Acetate	6.342	43	58297	18.358	ug/l	99
44) Trichloroethene	7.123	130	22079	17.867	ug/l	97
45) 1,2-Dichloropropane	7.427	63	24774	18.309	ug/l	96
46) Dibromomethane	7.580	93	18218	19.049	ug/l	98
47) Bromodichloromethane	7.818	83	35984	19.182	ug/l	100
48) Methyl methacrylate	7.696	41	29431	18.474	ug/l	93
49) 1,4-Dioxane	7.665	88	10437	310.577	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	199937	93.772	ug/l	99
52) Toluene	8.714	92	58027	18.793	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28125	17.934	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34347	18.782	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	23399	18.408	ug/l	97
56) Ethyl methacrylate	9.116	69	35410	18.326	ug/l	94
57) 1,3-Dichloropropane	9.305	76	41664	18.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	99493	105.558	ug/l	99
59) 2-Hexanone	9.427	43	146337	94.726	ug/l	98
60) Dibromochloromethane	9.518	129	24709	18.591	ug/l	100
61) 1,2-Dibromoethane	9.610	107	23441	18.473	ug/l	95
64) Tetrachloroethene	9.268	164	18524	18.748	ug/l	98
65) Chlorobenzene	10.073	112	61249	18.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20539	18.893	ug/l	97
67) Ethyl Benzene	10.189	91	108805	19.129	ug/l	100
68) m/p-Xylenes	10.299	106	80137	38.487	ug/l	97
69) o-Xylene	10.640	106	40477	19.274	ug/l	97
70) Styrene	10.652	104	64556	18.998	ug/l	98
71) Bromoform	10.799	173	14948	18.235	ug/l #	98
73) Isopropylbenzene	10.957	105	104692	20.247	ug/l	99
74) N-amyl acetate	10.841	43	45871	18.906	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36461	19.215	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29874m	19.375	ug/l	
77) Bromobenzene	11.195	156	23427	19.202	ug/l	98
78) n-propylbenzene	11.299	91	117971	20.197	ug/l	98
79) 2-Chlorotoluene	11.360	91	72251	19.423	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	84359	20.177	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8196	18.191	ug/l #	83
82) 4-Chlorotoluene	11.451	91	80479	19.851	ug/l	99
83) tert-Butylbenzene	11.713	119	84632	19.701	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	84742	20.144	ug/l	98
85) sec-Butylbenzene	11.890	105	105104	20.425	ug/l	99
86) p-Isopropyltoluene	12.006	119	84328	20.278	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41784	19.199	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	41434	18.817	ug/l	98
89) n-Butylbenzene	12.329	91	70969	19.814	ug/l	100
90) Hexachloroethane	12.536	117	13841	18.401	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	41960	19.219	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7380	19.964	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	22232	17.883	ug/l	99
94) Hexachlorobutadiene	13.725	225	9477	18.594	ug/l	98
95) Naphthalene	13.774	128	85625	17.927	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	23401	17.843	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

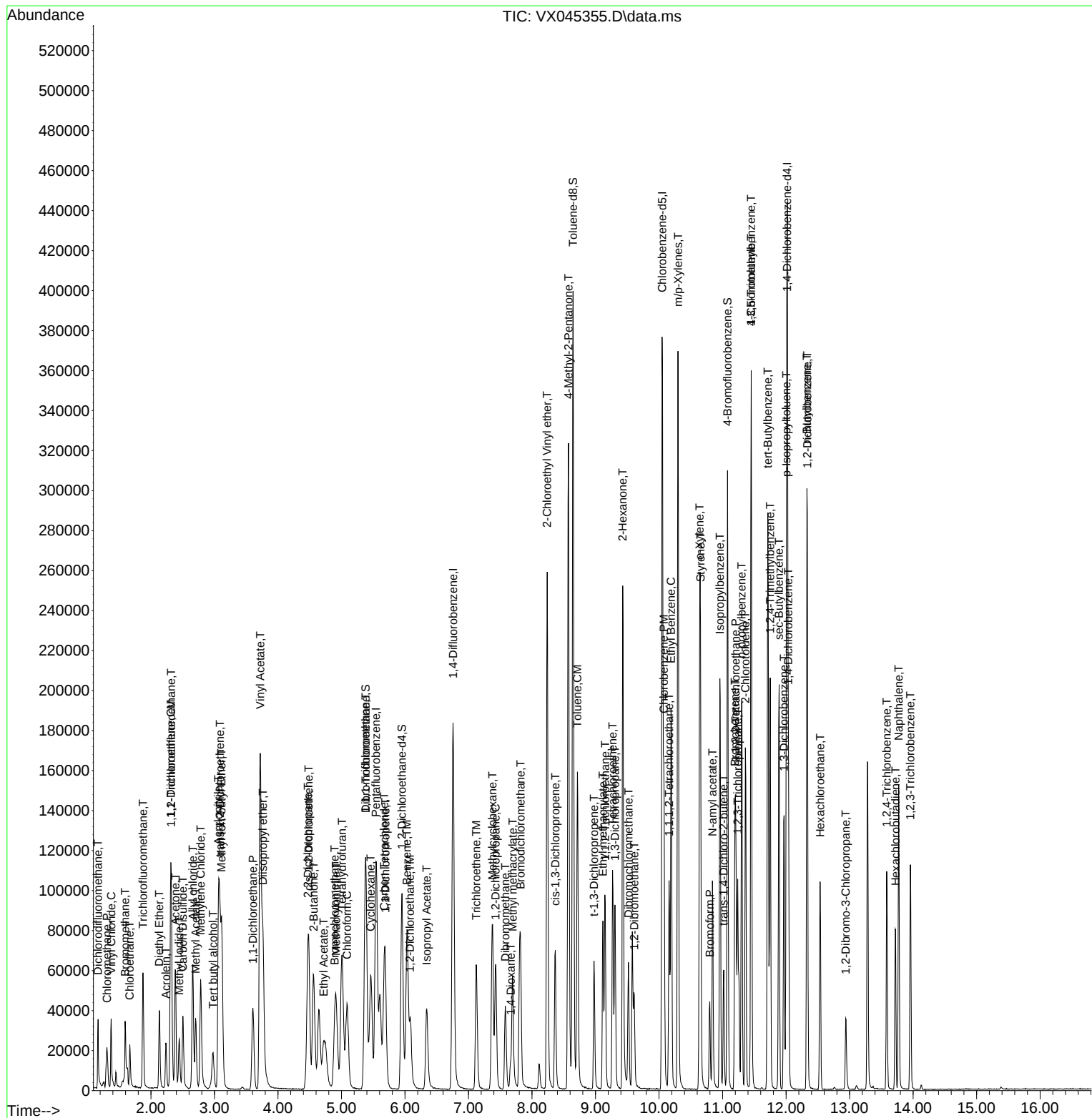
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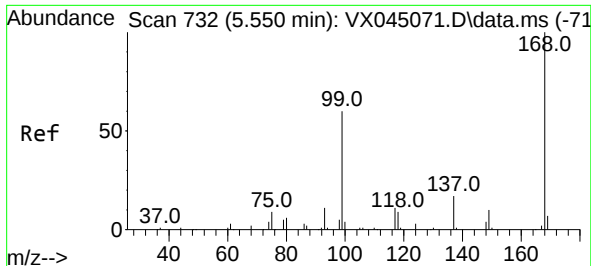
Instrument :
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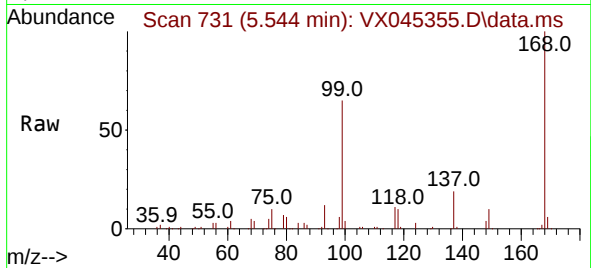
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045355.D
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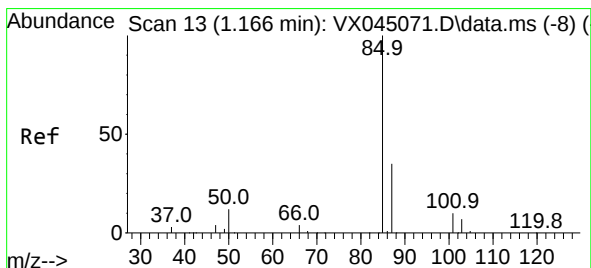
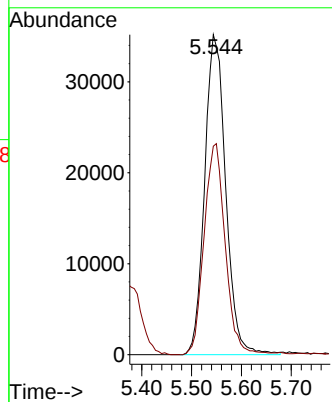
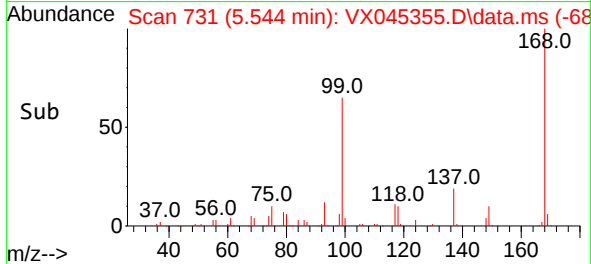
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:168 Resp: 10316
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4

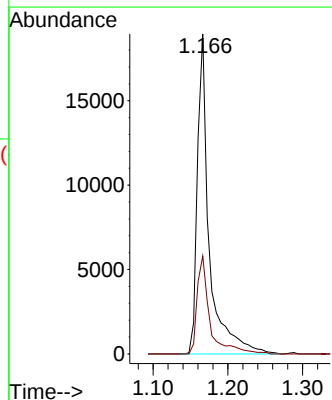
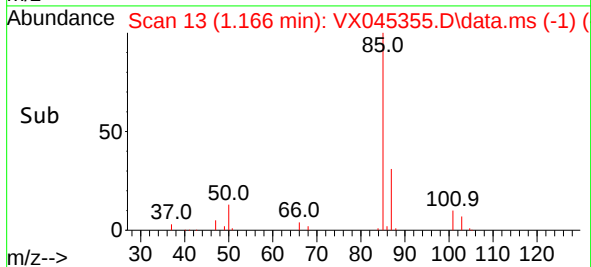
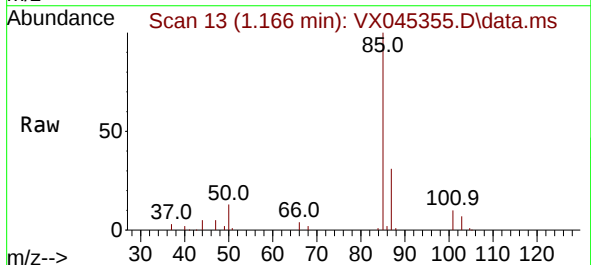
Manual Integrations
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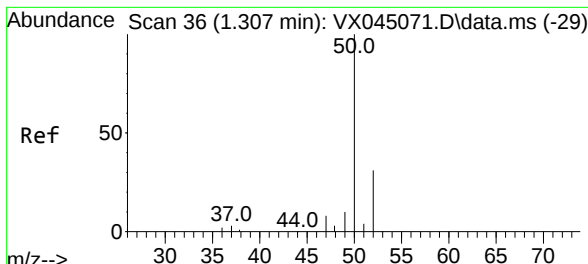
Reviewed By :John Carlone 03/21/2025
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#2
Dichlorodifluoromethane
Concen: 16.030 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

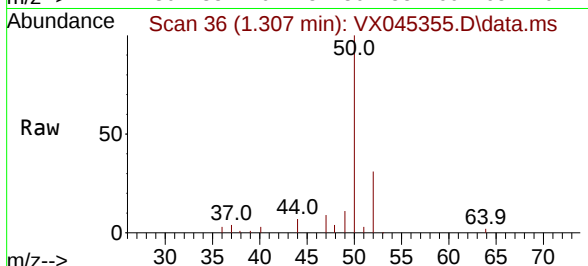
Tgt Ion: 85 Resp: 20816
Ion Ratio Lower Upper
85 100
87 30.6 17.4 52.3





#3
Chloromethane
Concen: 14.280 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

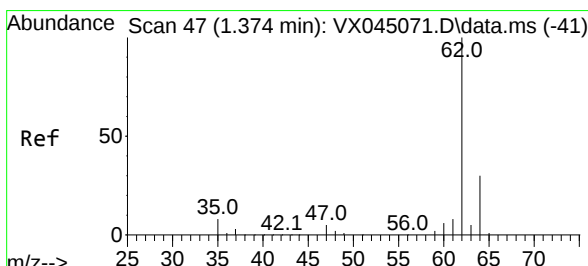
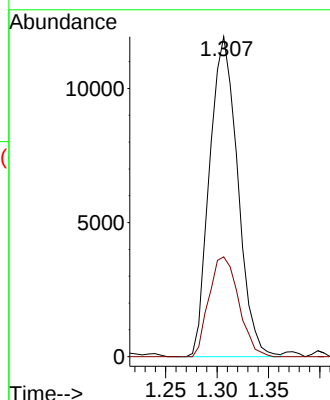
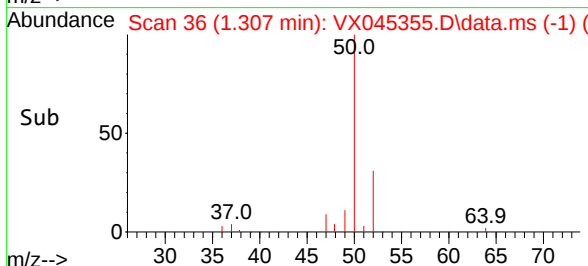
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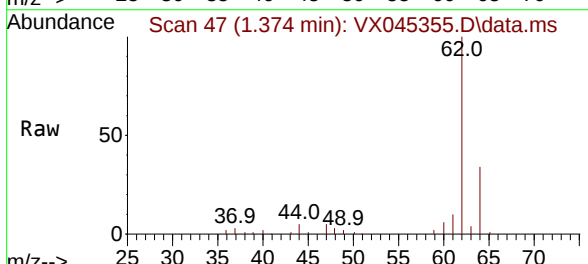
Tgt Ion: 50 Resp: 22694
Ion Ratio Lower Upper
50 100
52 31.2 25.0 37.4

Manual Integrations
APPROVED

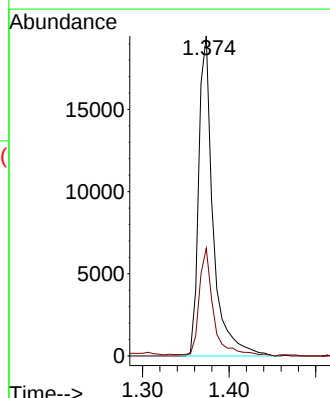
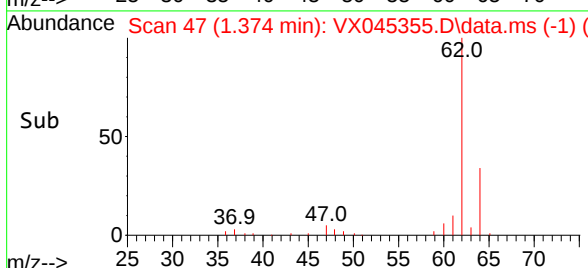
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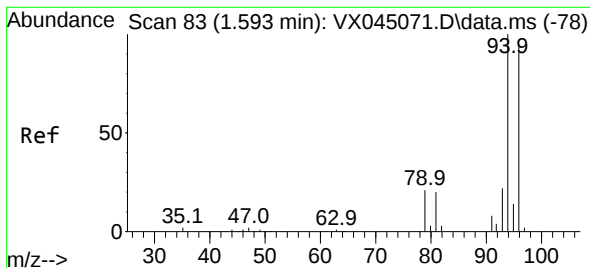


#4
Vinyl Chloride
Concen: 14.235 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



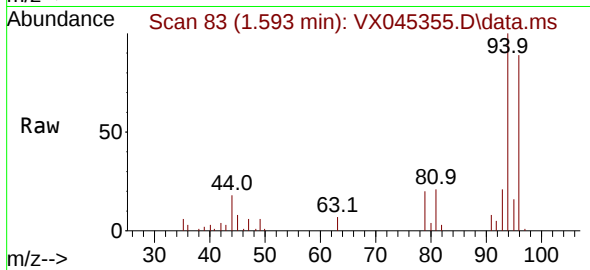
Tgt Ion: 62 Resp: 22442
Ion Ratio Lower Upper
62 100
64 33.4 24.3 36.5





#5
Bromomethane
Concen: 17.001 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

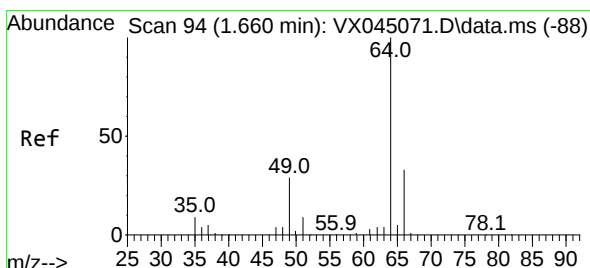
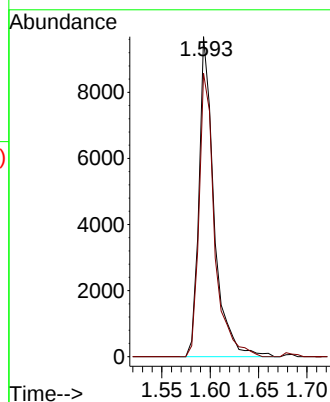
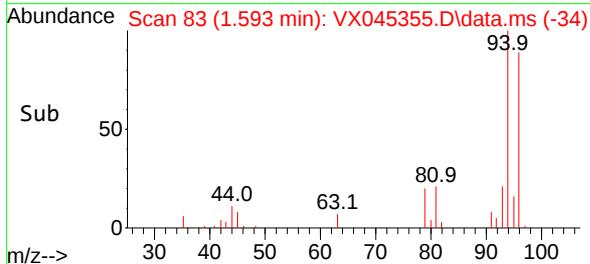
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Tgt Ion: 94 Resp: 10530
Ion Ratio Lower Upper
94 100
96 88.5 75.0 112.4

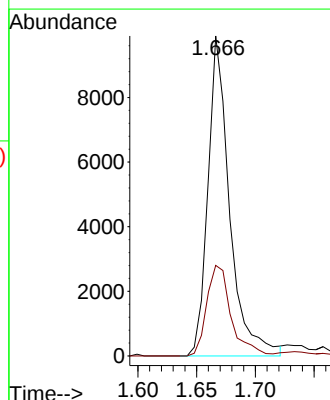
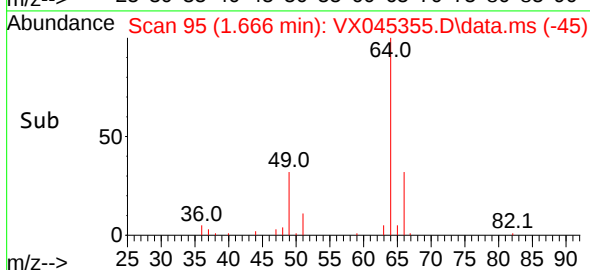
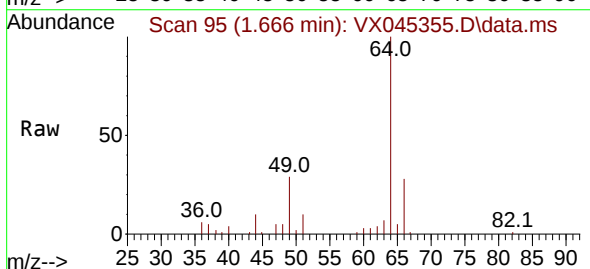
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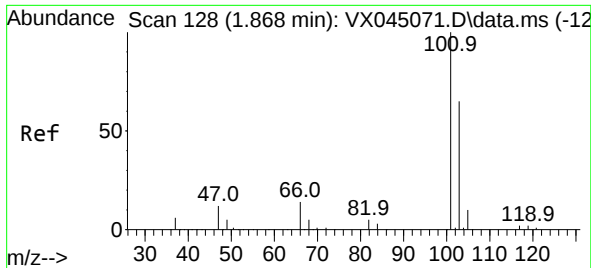
Reviewed By :John Carlone 03/21/2025
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#6
Chloroethane
Concen: 17.516 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045355.D
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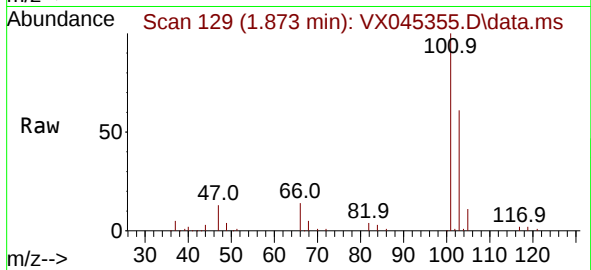
Tgt Ion: 64 Resp: 12737
Ion Ratio Lower Upper
64 100
66 28.3 26.7 40.1





#7
Trichlorofluoromethane
Concen: 16.804 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

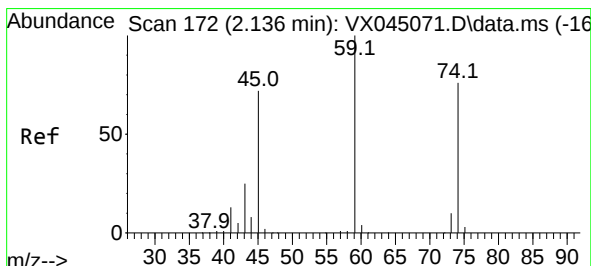
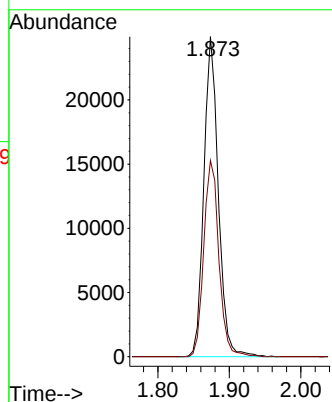
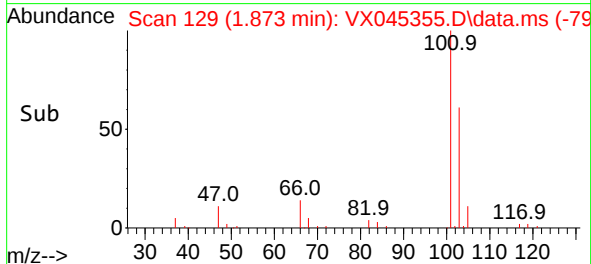
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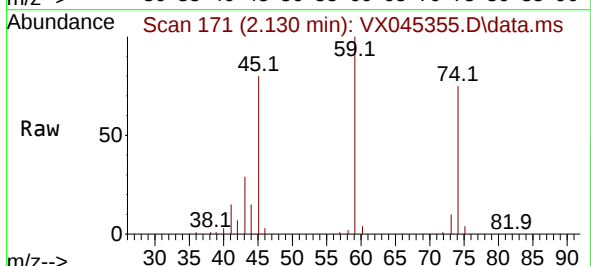
Tgt Ion:101 Resp: 35069
Ion Ratio Lower Upper
101 100
103 61.3 52.1 78.1

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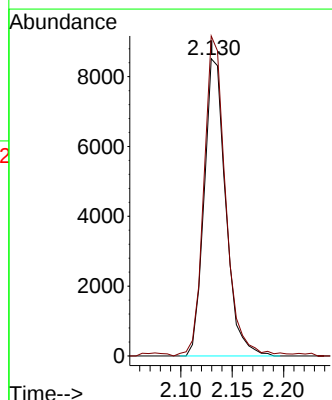
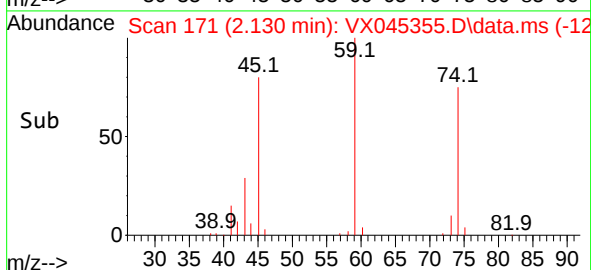
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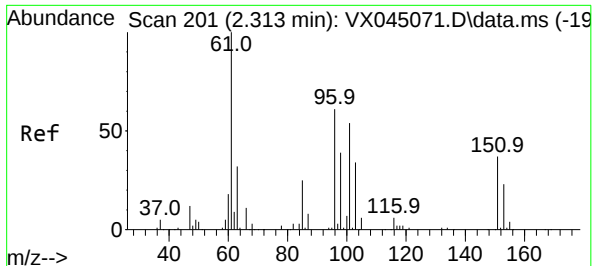


#8
Diethyl Ether
Concen: 15.237 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



Tgt Ion: 74 Resp: 12438
Ion Ratio Lower Upper
74 100
45 108.7 51.5 154.5





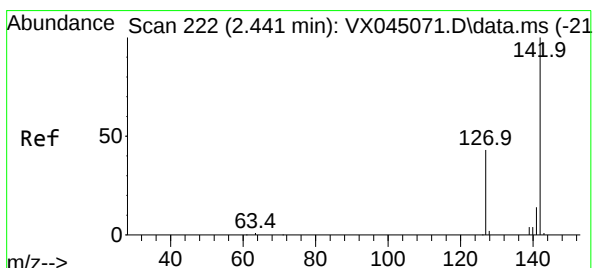
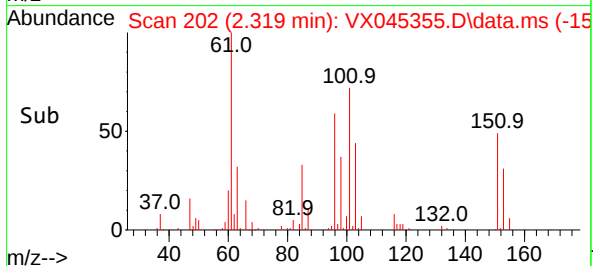
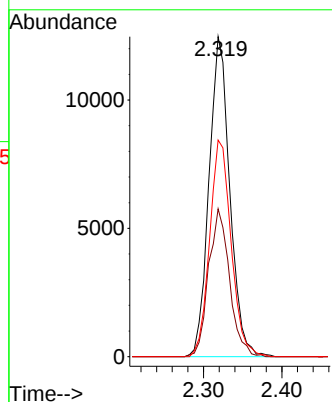
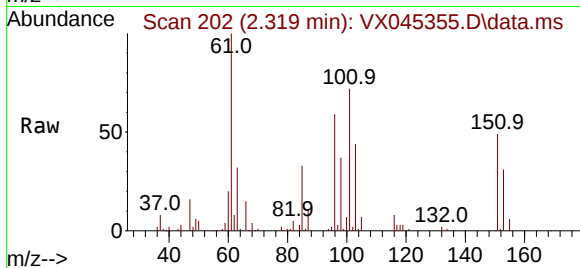
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.147 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion:101 Resp: 2295
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.4
151 70.2 56.4 84.6

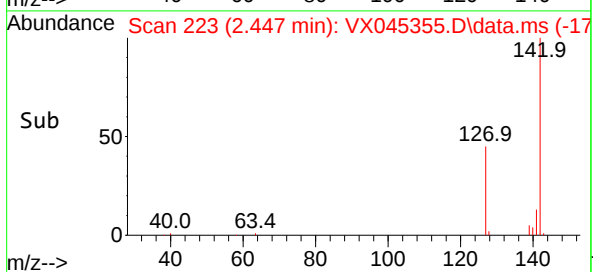
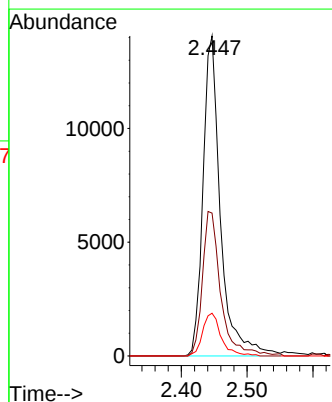
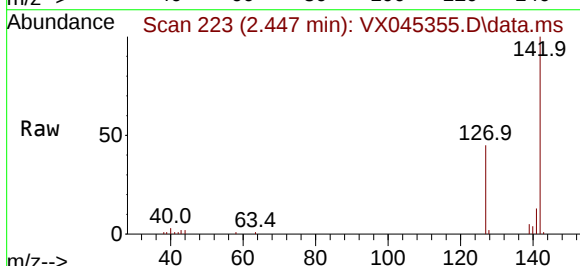
Manual Integrations
APPROVED

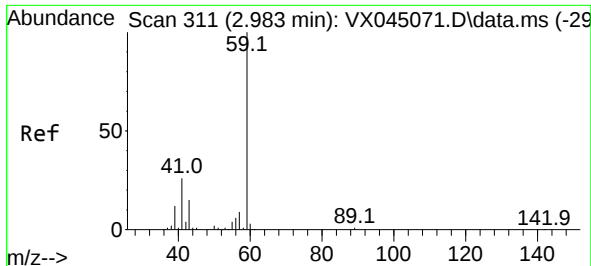
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#10
Methyl Iodide
Concen: 17.333 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

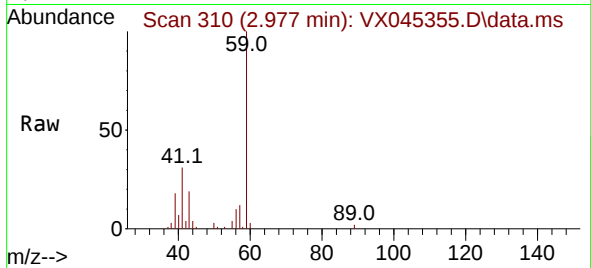
Tgt Ion:142 Resp: 25972
Ion Ratio Lower Upper
142 100
127 47.3 35.4 53.2
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 67.582 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

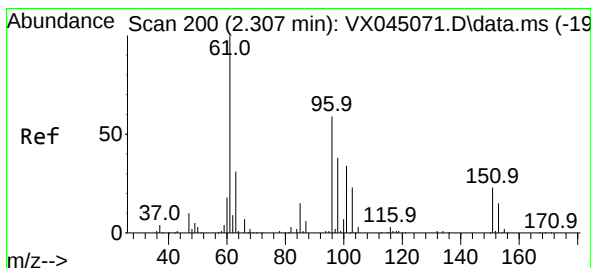
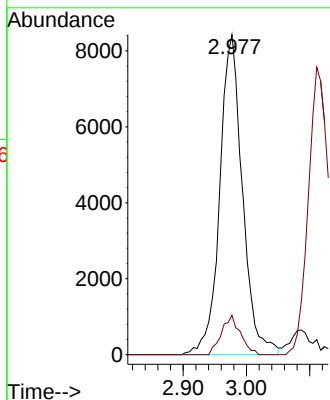
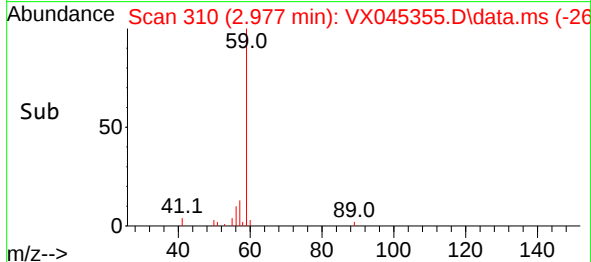
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 59 Resp: 21000
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

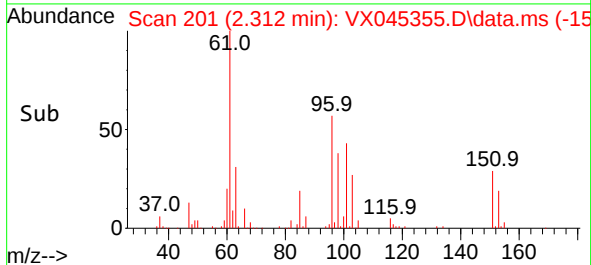
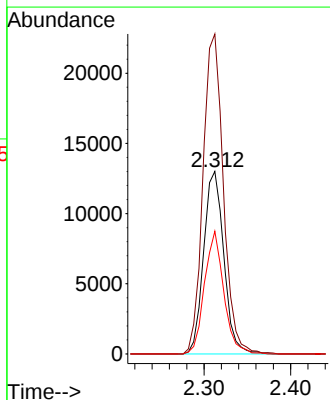
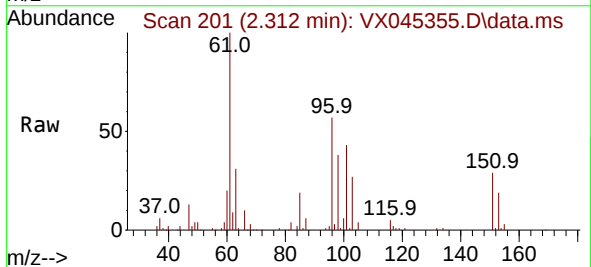
Manual Integrations
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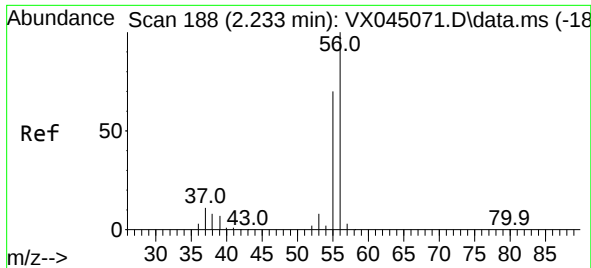
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#12
1,1-Dichloroethene
Concen: 16.629 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion: 96 Resp: 21080
Ion Ratio Lower Upper
96 100
61 175.3 134.6 202.0
98 67.2 51.0 76.6





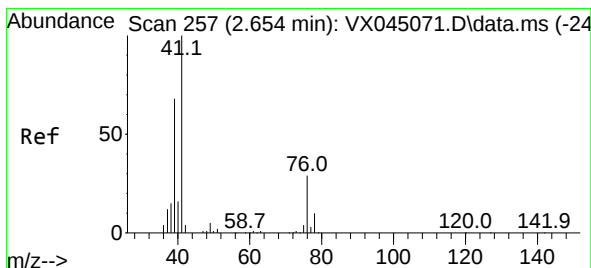
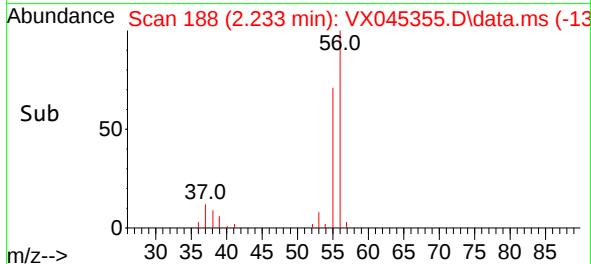
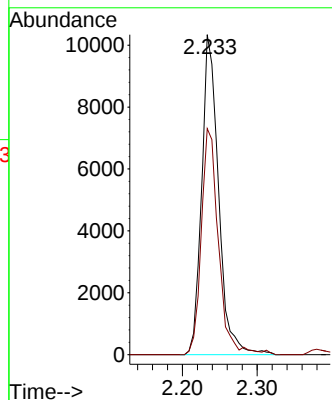
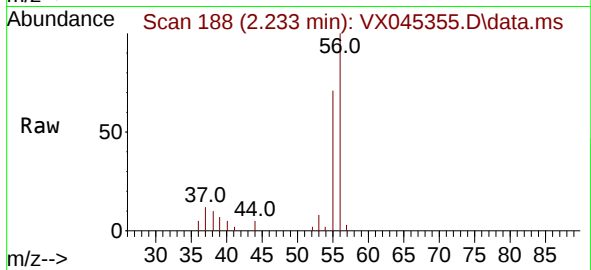
#13
Acrolein
Concen: 45.012 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument : MSVOA_X
ClientSampleId : VX0320WBSD01

Tgt Ion: 56 Resp: 1617
Ion Ratio Lower Upper
56 100
55 72.1 56.2 84.4

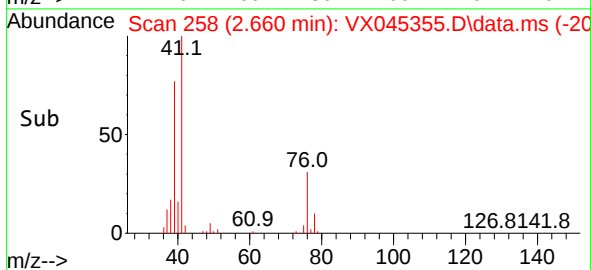
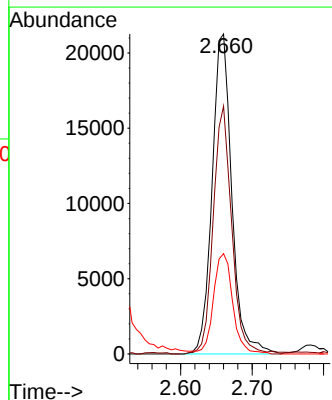
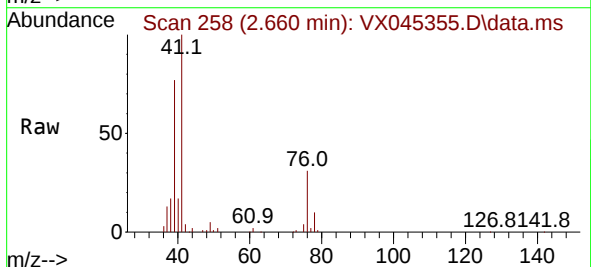
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 18.048 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion: 41 Resp: 40725
Ion Ratio Lower Upper
41 100
39 72.8 53.8 80.8
76 30.7 25.2 37.8





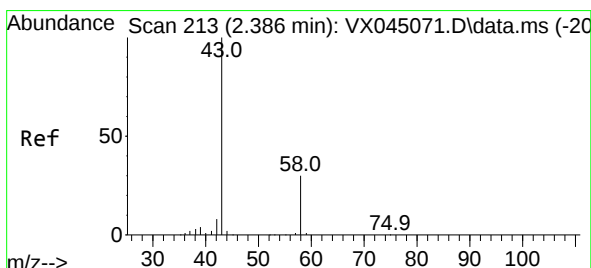
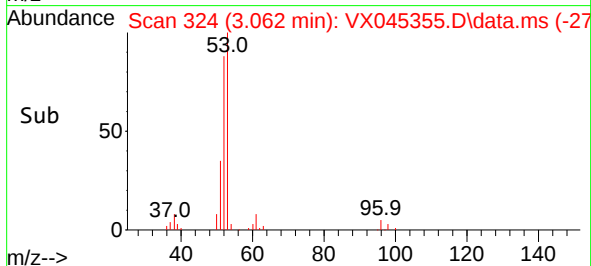
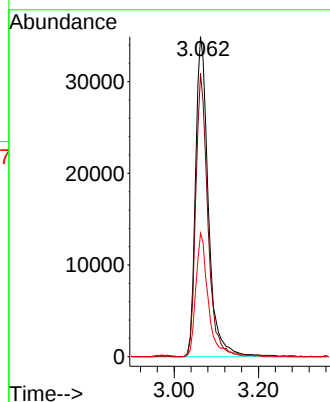
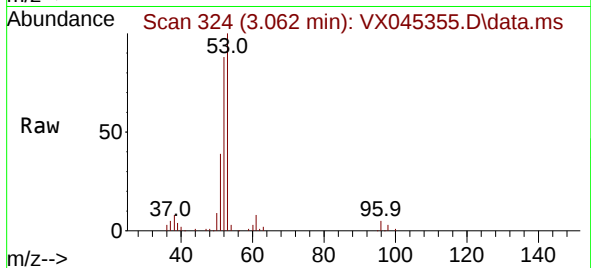
#15
Acrylonitrile
Concen: 88.710 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 53 Resp: 7389
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 37.4 29.0 43.4

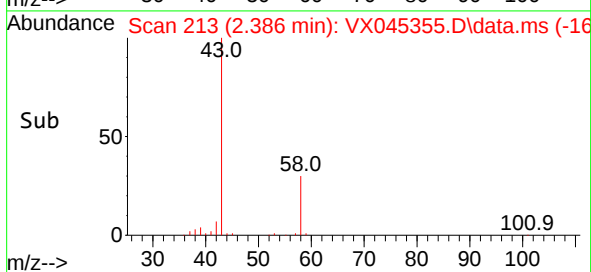
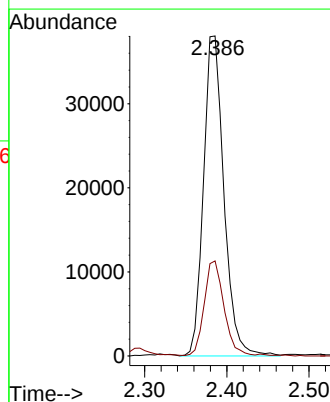
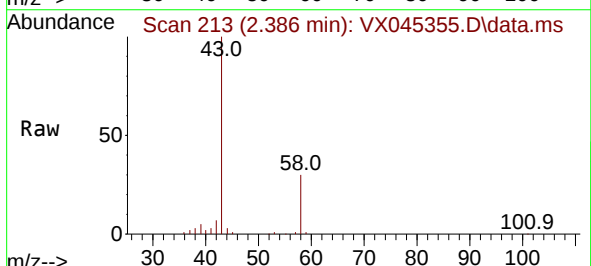
Manual Integrations
APPROVED

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



#16
Acetone
Concen: 86.442 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion: 43 Resp: 65813
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.4





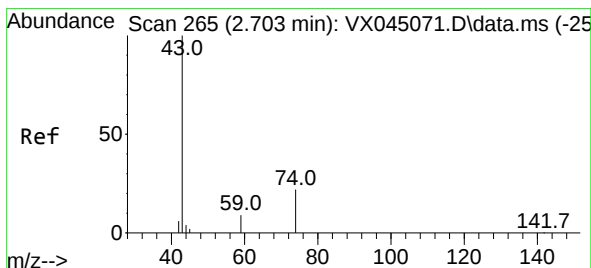
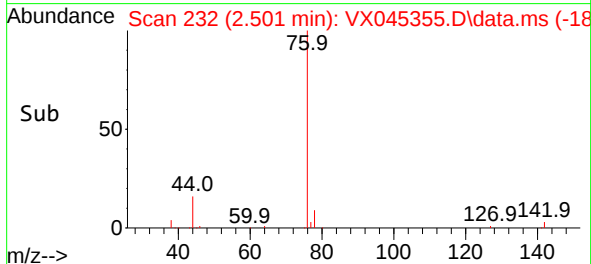
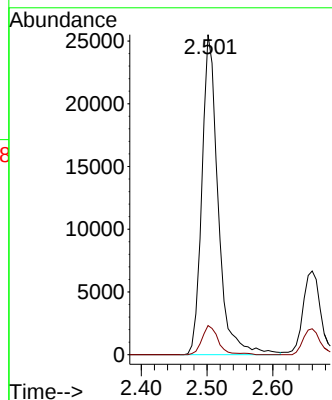
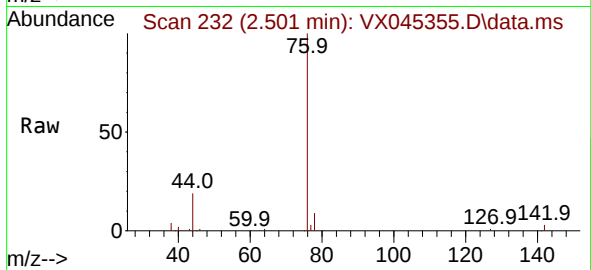
#17
Carbon Disulfide
Concen: 12.951 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 76 Resp: 4372
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8

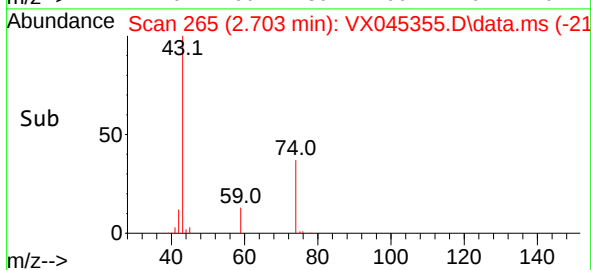
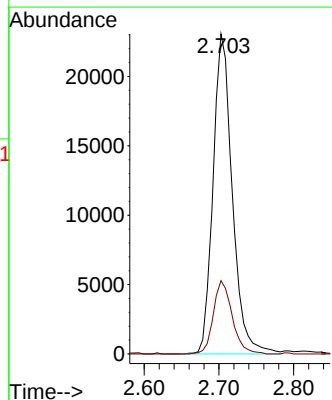
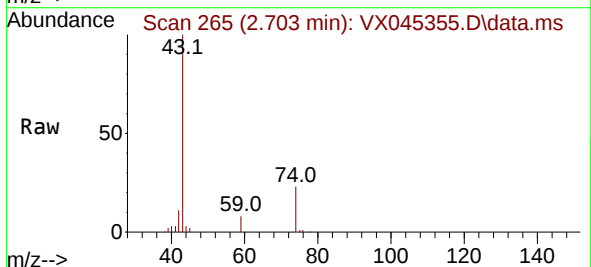
Manual Integrations
APPROVED

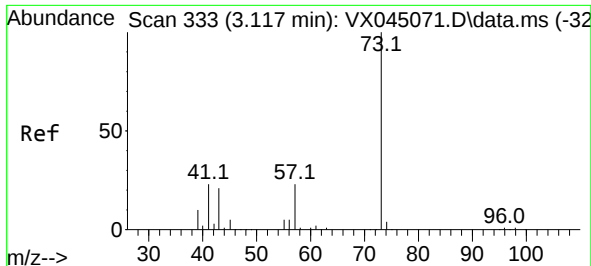
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#18
Methyl Acetate
Concen: 22.546 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion: 43 Resp: 41294
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2





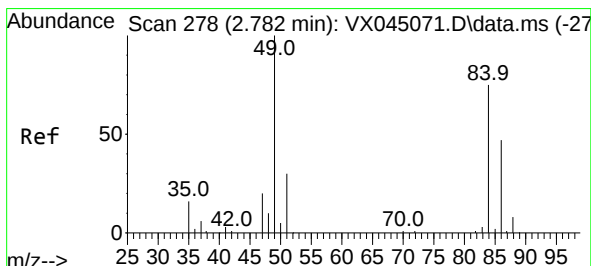
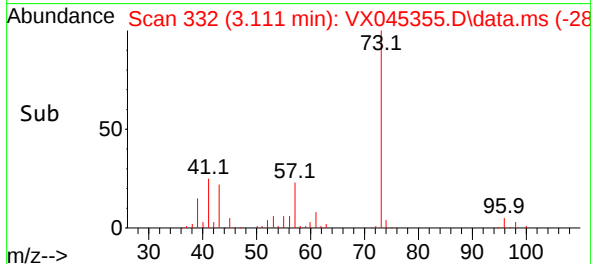
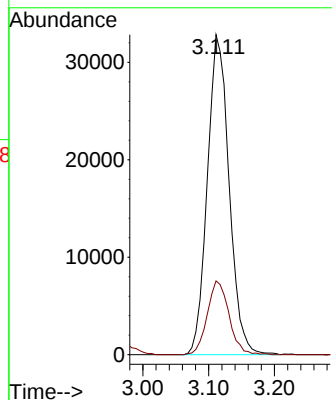
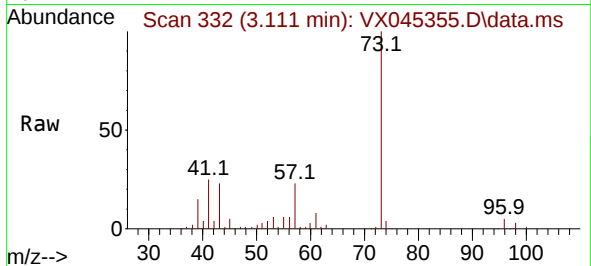
#19
Methyl tert-butyl Ether
Concen: 17.778 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 73 Resp: 7561
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7

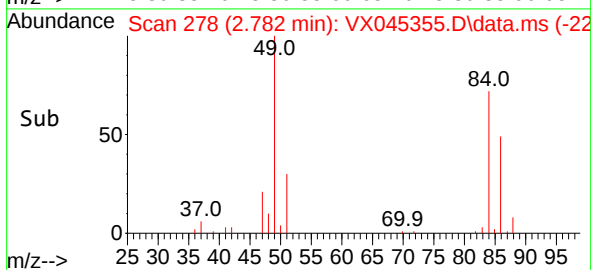
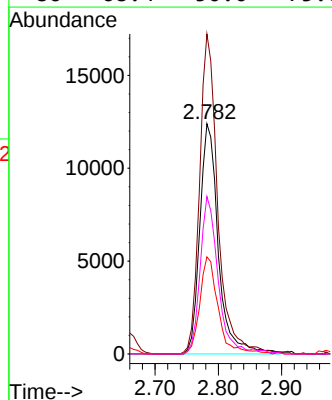
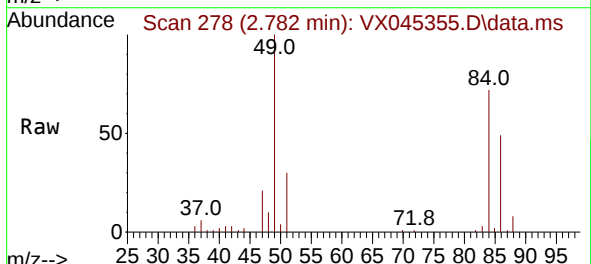
Manual Integrations
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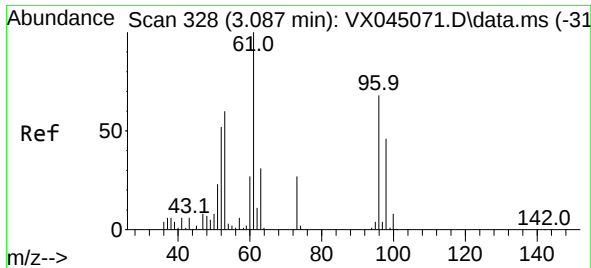
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#20
Methylene Chloride
Concen: 16.837 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

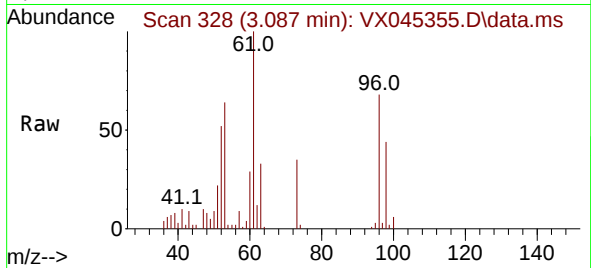
Tgt Ion: 84 Resp: 25392
Ion Ratio Lower Upper
84 100
49 139.0 106.5 159.7
51 42.2 32.1 48.1
86 68.4 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 16.986 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

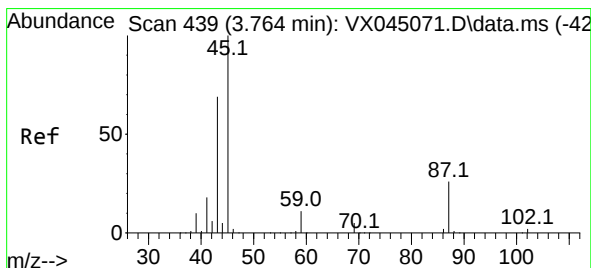
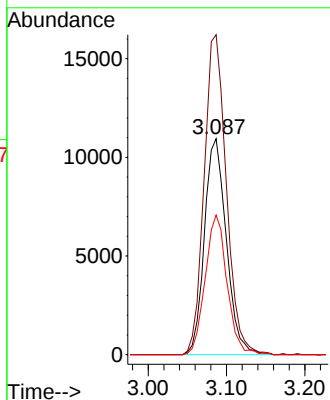
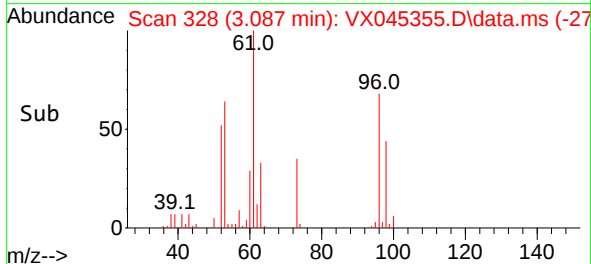
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 96 Resp: 2127
Ion Ratio Lower Upper
96 100
61 148.1 117.0 175.4
98 64.6 53.4 80.2

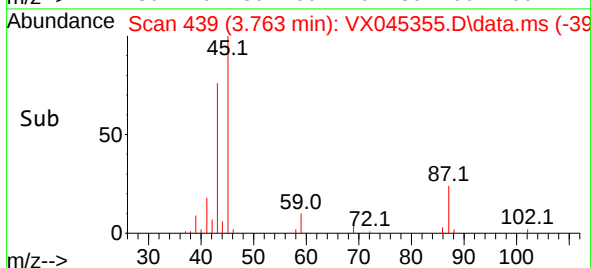
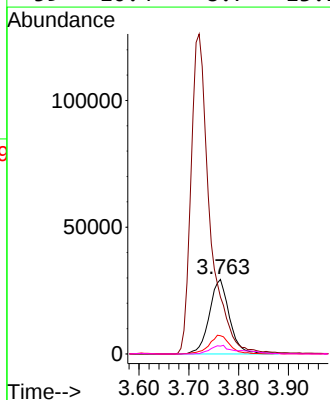
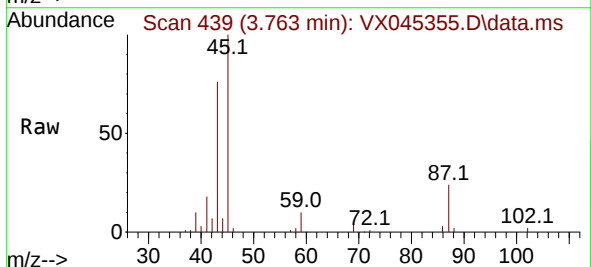
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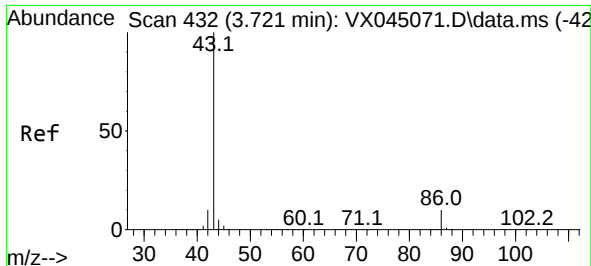
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#22
Diisopropyl ether
Concen: 17.997 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion: 45 Resp: 82592
Ion Ratio Lower Upper
45 100
43 75.2 54.9 82.3
87 24.4 21.0 31.4
59 10.4 8.7 13.1





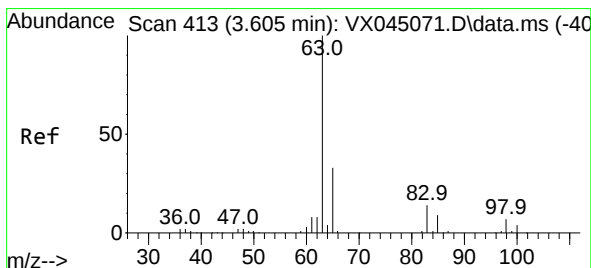
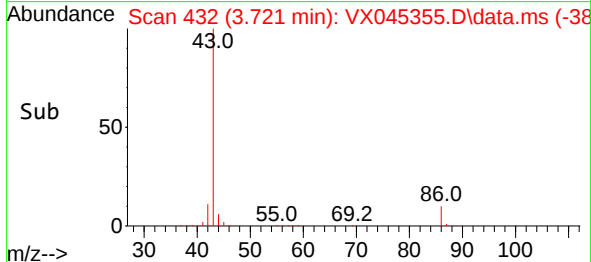
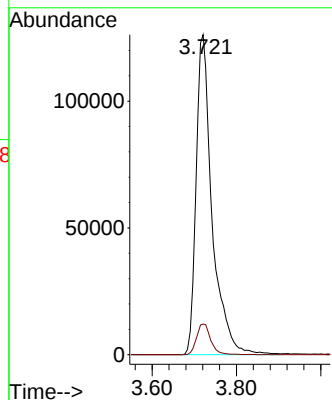
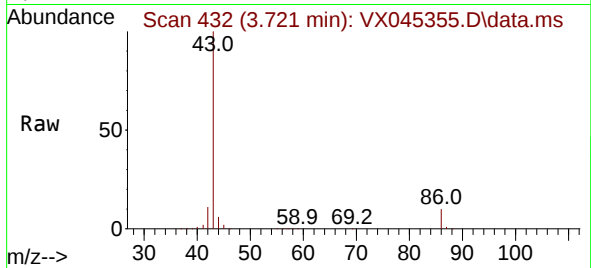
#23
 Vinyl Acetate
 Concen: 87.078 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045355.D
 Acq: 20 Mar 2025 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01

Tgt Ion: 43 Resp: 33348
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1

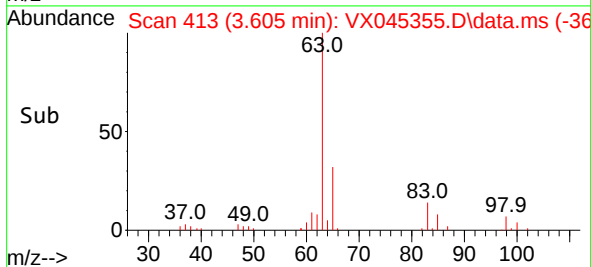
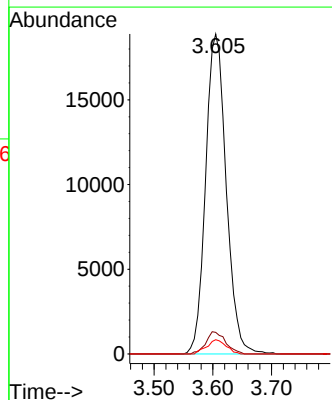
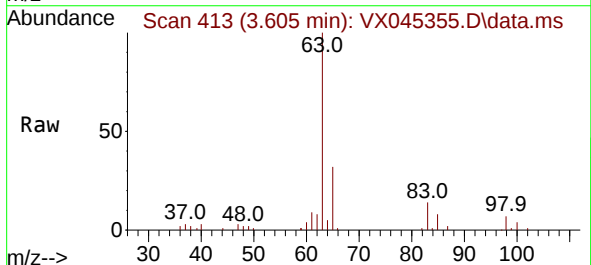
Manual Integrations
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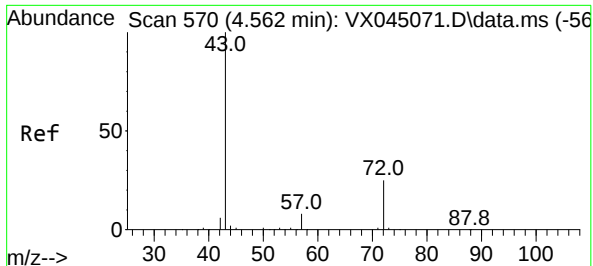
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#24
 1,1-Dichloroethane
 Concen: 17.886 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045355.D
 Acq: 20 Mar 2025 12:53

Tgt Ion: 63 Resp: 46000
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.4 2.1 6.5





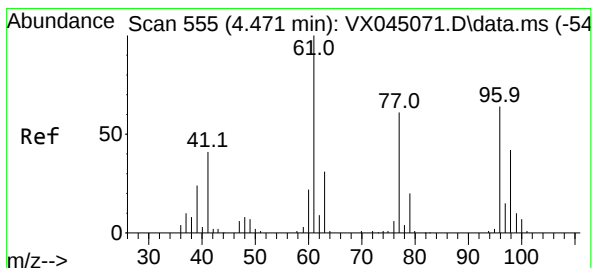
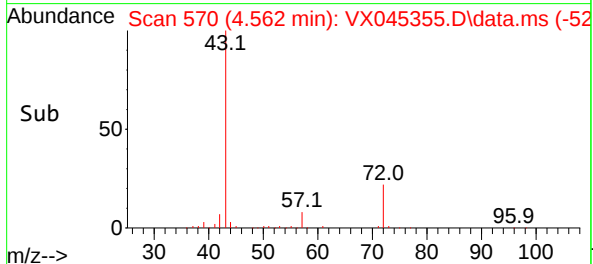
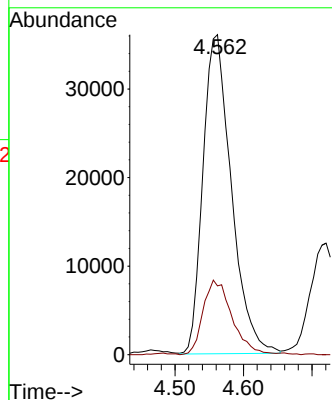
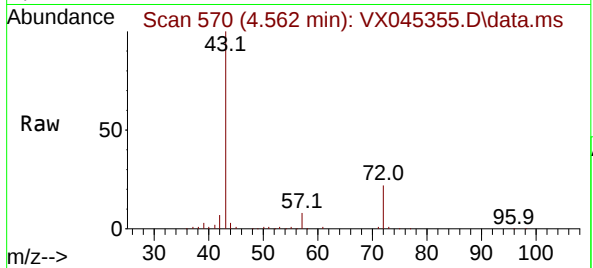
#25
2-Butanone
Concen: 90.711 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 43 Resp: 10395
Ion Ratio Lower Upper
43 100
72 21.6 20.0 30.0

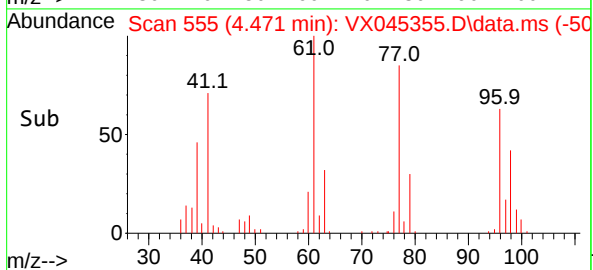
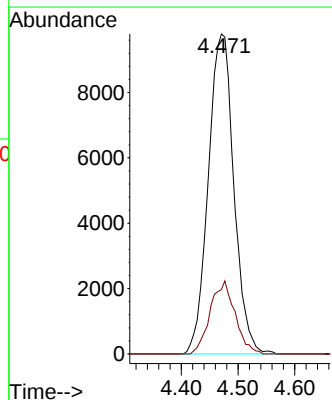
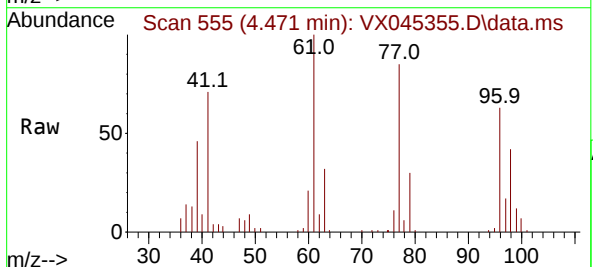
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 25.457 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

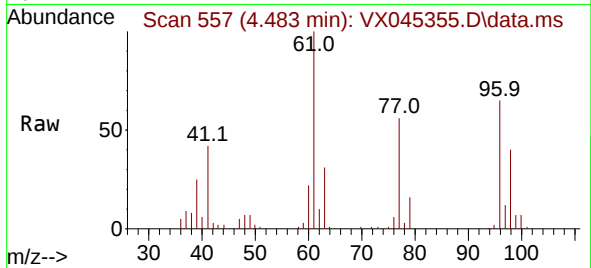
Tgt Ion: 77 Resp: 30710
Ion Ratio Lower Upper
77 100
97 22.2 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 17.742 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045355.D
 Acq: 20 Mar 2025 12:53

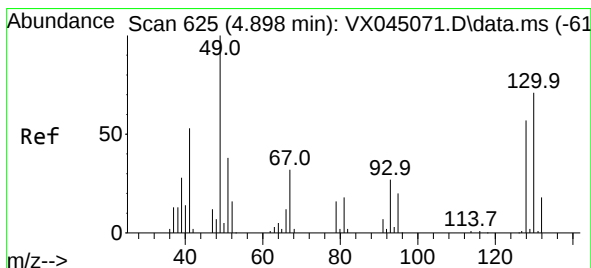
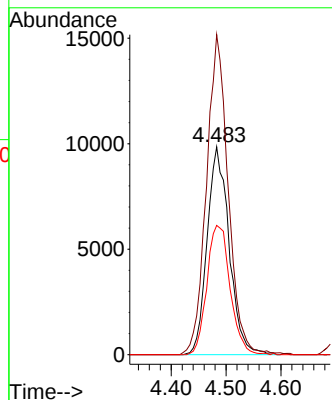
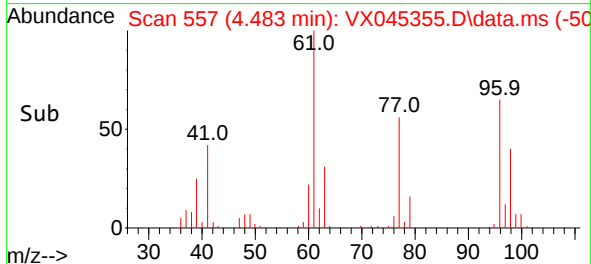
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01



Tgt Ion: 96 Resp: 27428
 Ion Ratio Lower Upper
 96 100
 61 152.5 0.0 283.2
 98 65.6 0.0 128.0

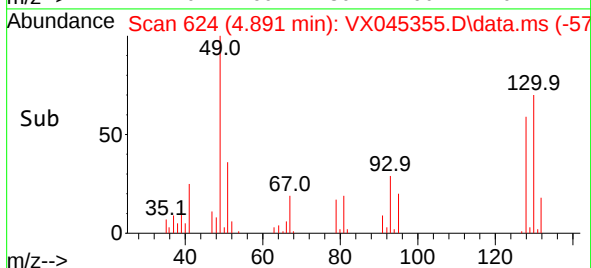
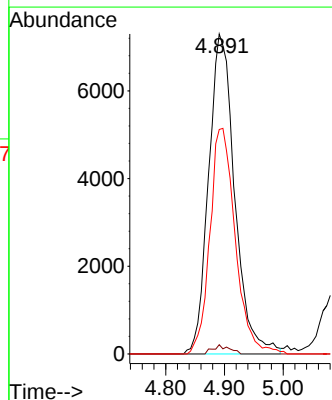
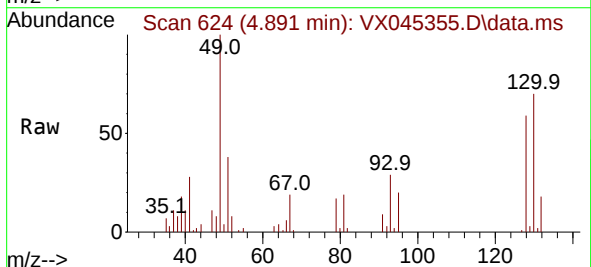
Manual Integrations
 APPROVED

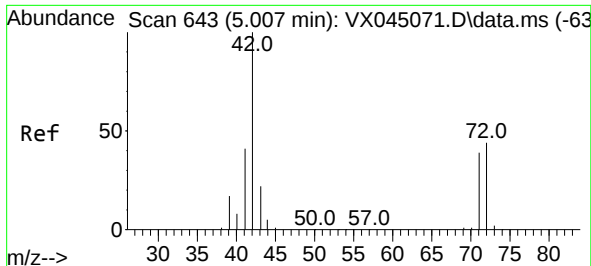
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#28
 Bromochloromethane
 Concen: 18.348 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045355.D
 Acq: 20 Mar 2025 12:53

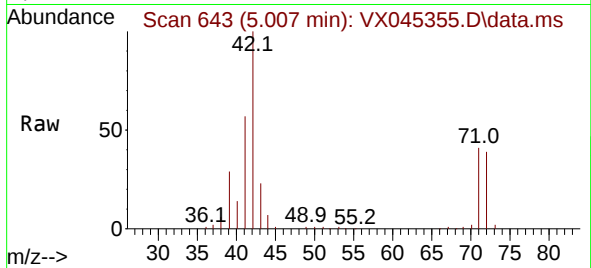
Tgt Ion: 49 Resp: 22492
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 68.6 56.1 84.1





#29
Tetrahydrofuran
Concen: 84.420 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

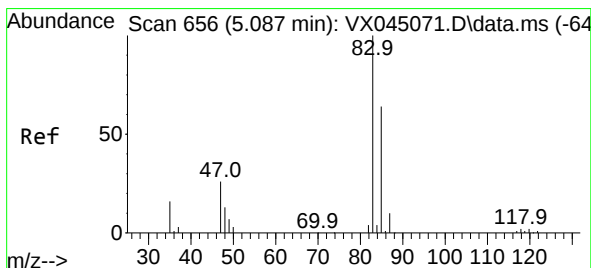
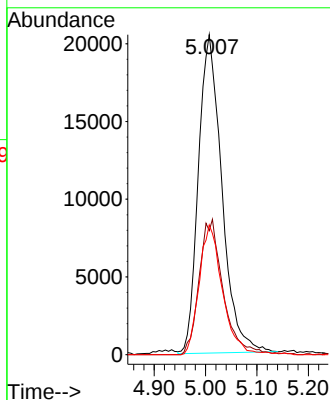
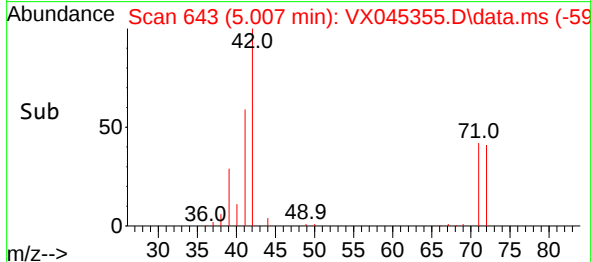
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



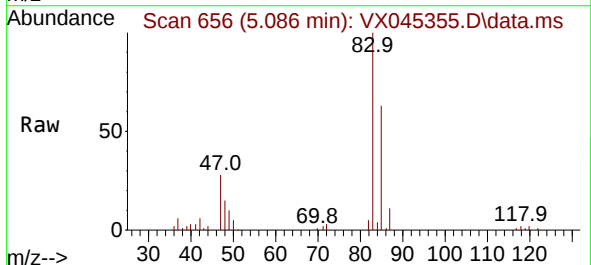
Tgt Ion: 42 Resp: 6497
Ion Ratio Lower Upper
42 100
72 43.5 34.1 51.1
71 40.4 31.4 47.0

Manual Integrations
APPROVED

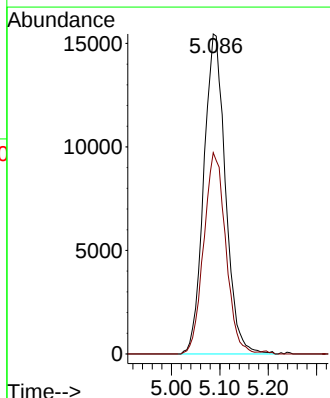
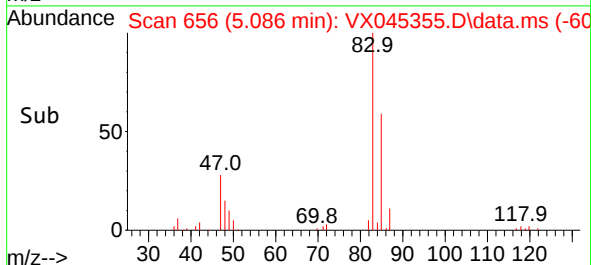
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

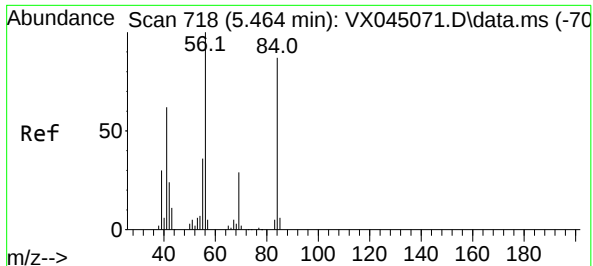


#30
Chloroform
Concen: 18.800 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



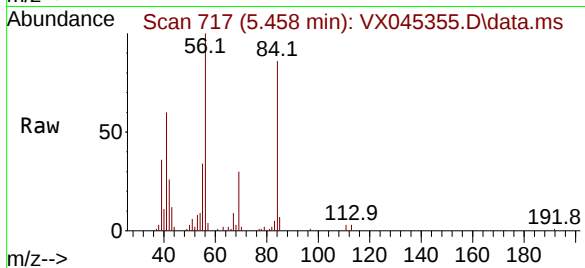
Tgt Ion: 83 Resp: 48043
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.2





#31
Cyclohexane
Concen: 16.697 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

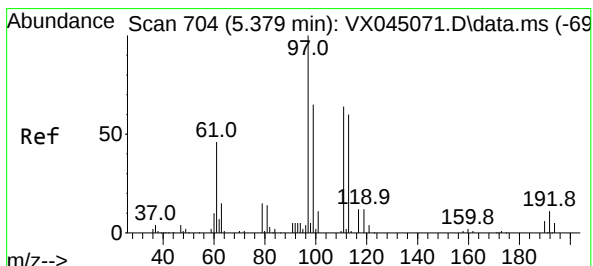
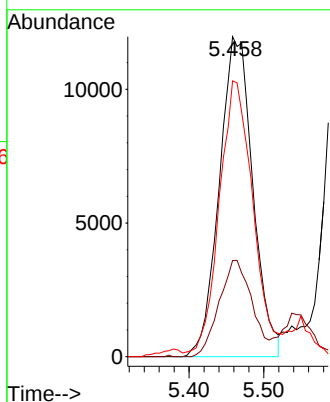
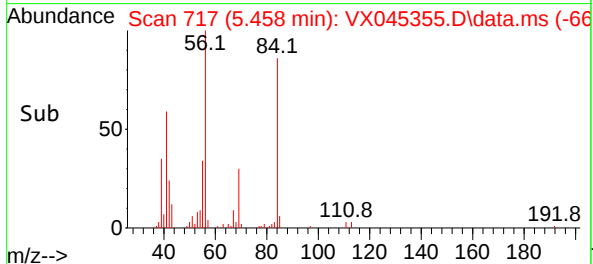
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



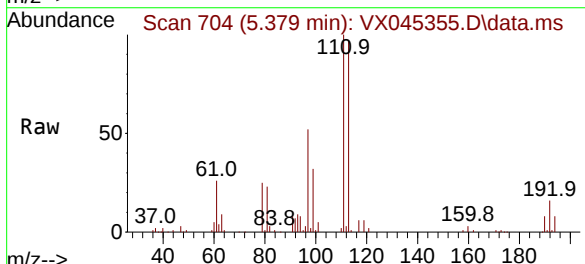
Tgt Ion: 56 Resp: 3727
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.2
84 84.1 69.4 104.2

Manual Integrations
APPROVED

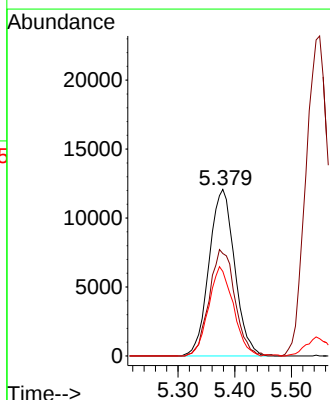
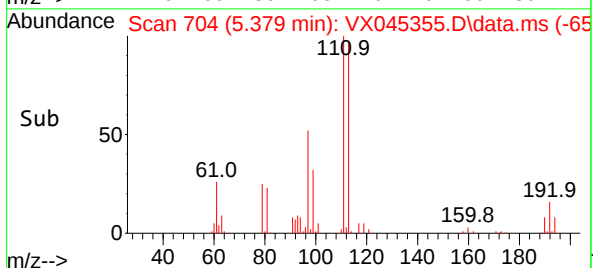
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

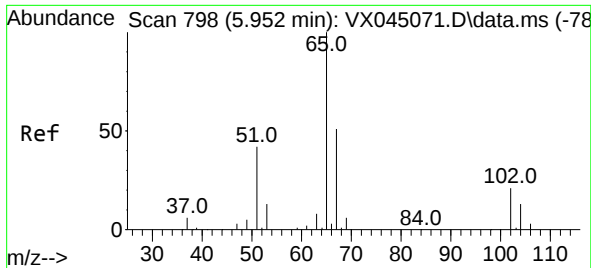


#32
1,1,1-Trichloroethane
Concen: 18.397 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



Tgt Ion: 97 Resp: 37970
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 51.5 38.4 57.6





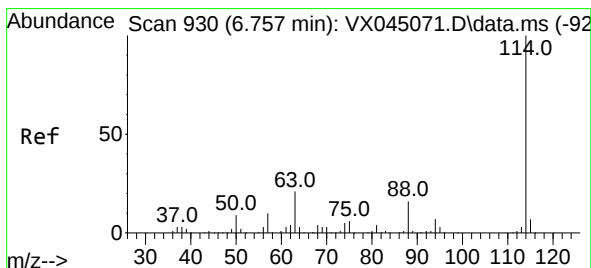
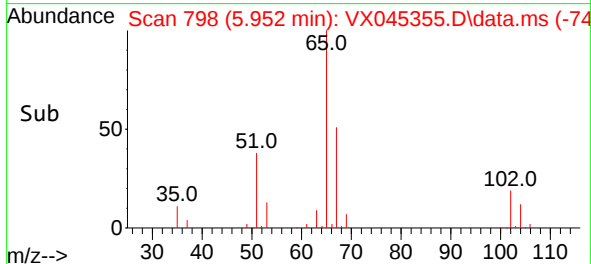
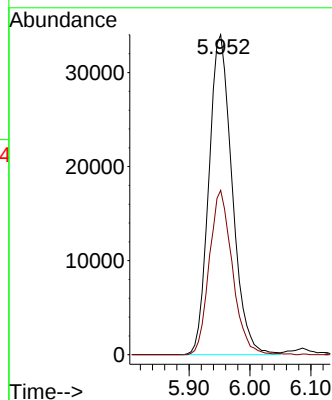
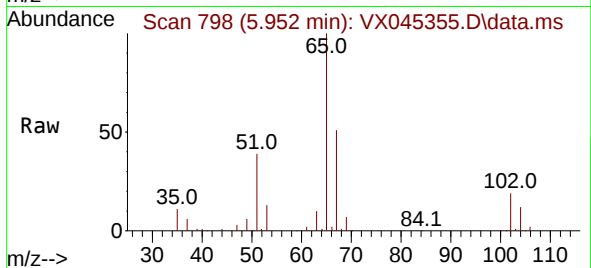
#33
1,2-Dichloroethane-d4
Concen: 55.106 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 65 Resp: 9042
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2

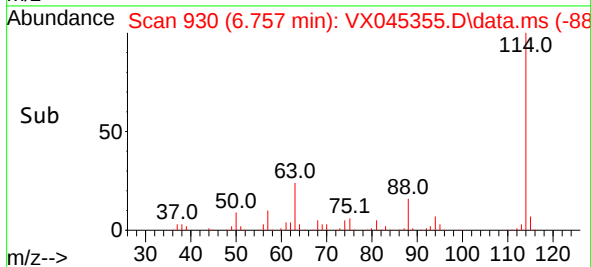
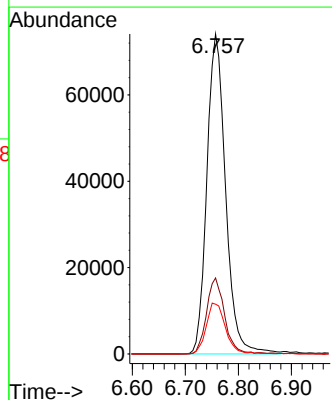
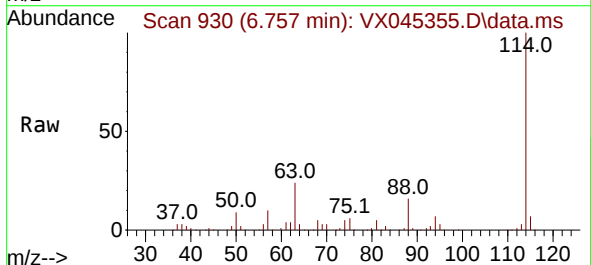
Manual Integrations
APPROVED

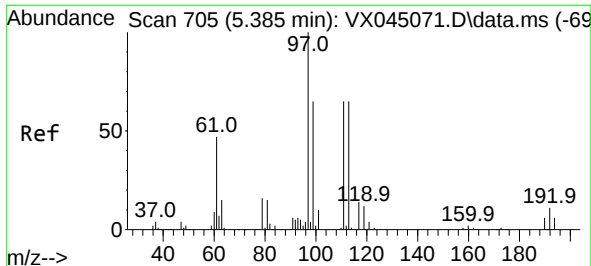
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

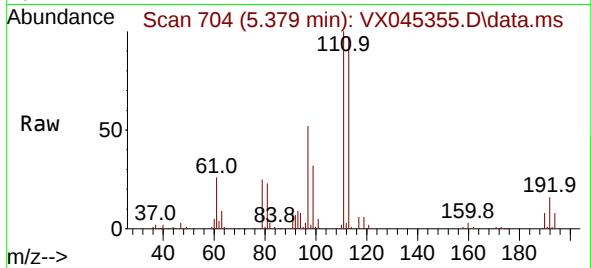
Tgt Ion:114 Resp: 181737
Ion Ratio Lower Upper
114 100
63 23.8 0.0 41.8
88 15.5 0.0 32.8





#35
Dibromofluoromethane
Concen: 54.782 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

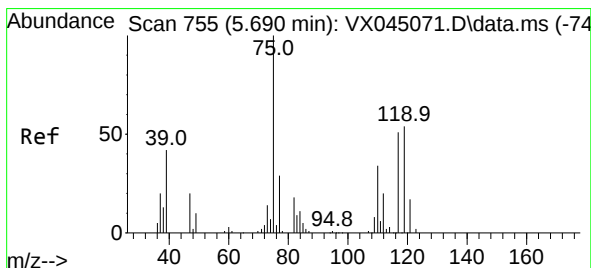
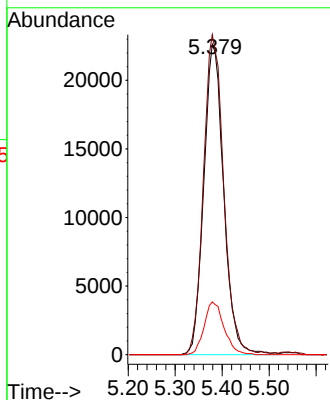
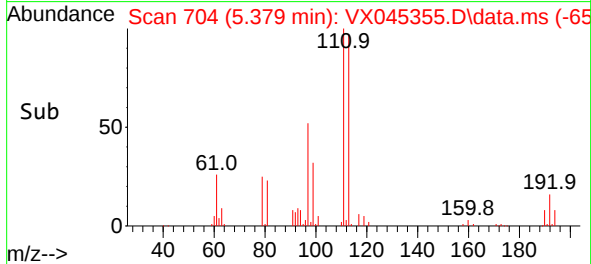
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:113 Resp: 6657
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 17.0 14.3 21.5

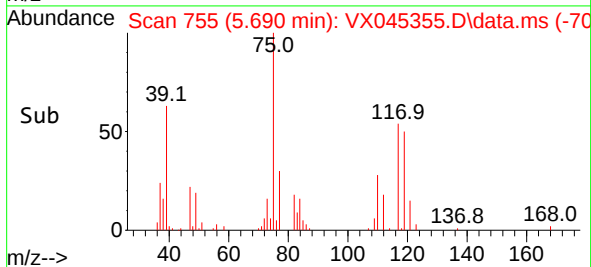
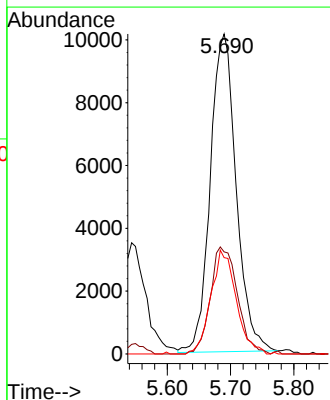
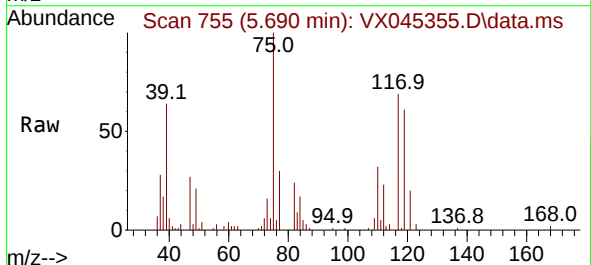
Manual Integrations
APPROVED

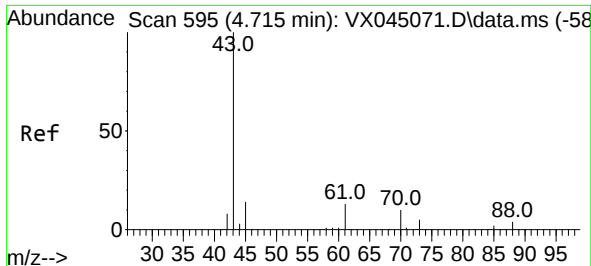
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#36
1,1-Dichloropropene
Concen: 17.302 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion: 75 Resp: 28834
Ion Ratio Lower Upper
75 100
110 35.1 16.9 50.6
77 31.8 24.5 36.7





#37

Ethyl Acetate

Concen: 17.842 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 43 Resp: 38310

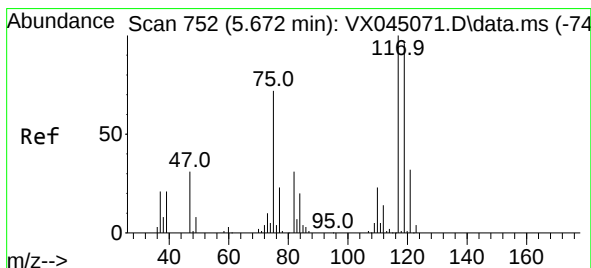
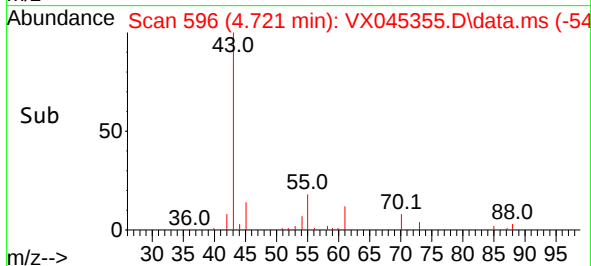
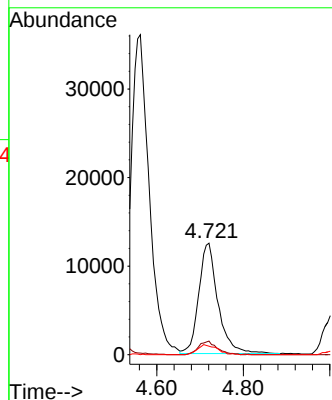
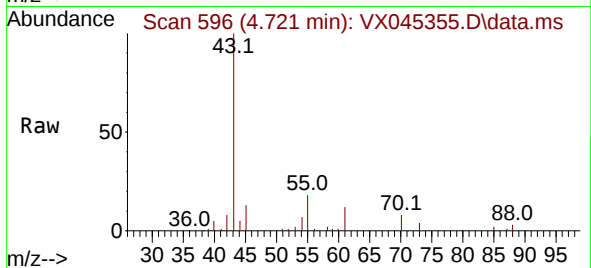
Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.8	16.2
70	9.2	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#38

Carbon Tetrachloride

Concen: 18.865 ug/l

RT: 5.672 min Scan# 752

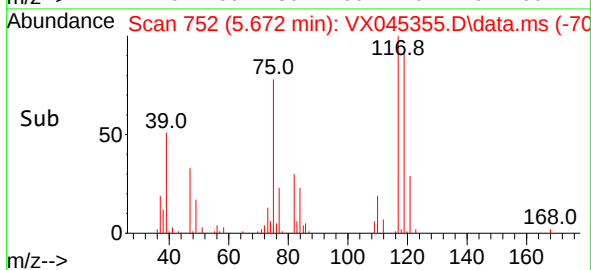
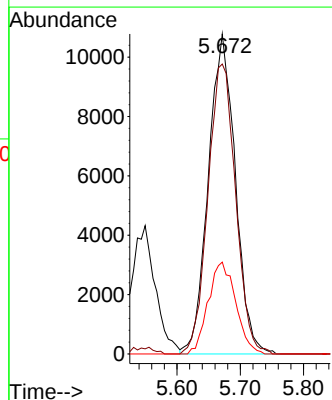
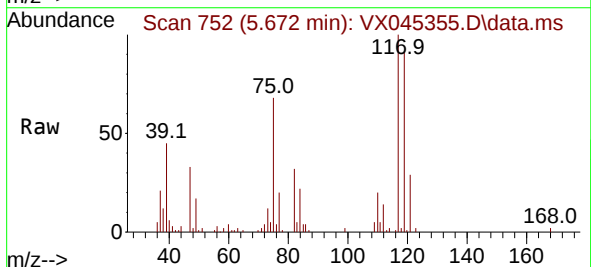
Delta R.T. -0.000 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

Tgt Ion:117 Resp: 31919

Ion	Ratio	Lower	Upper
117	100		
119	90.6	76.7	115.1
121	28.7	25.5	38.3





#39

Methylcyclohexane

Concen: 17.861 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

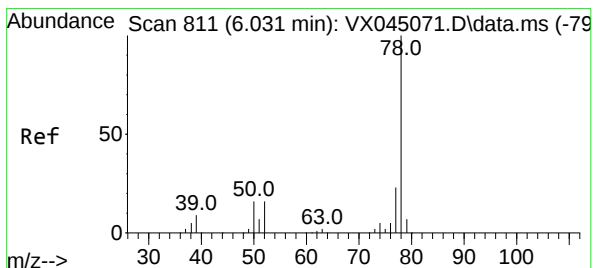
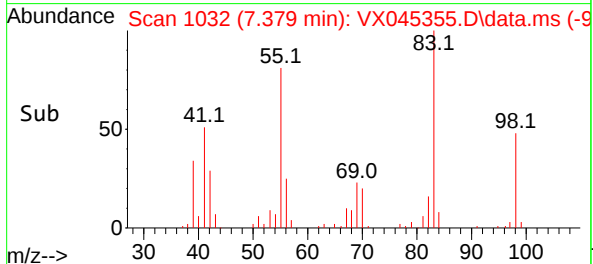
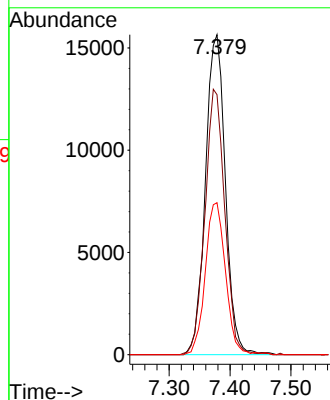
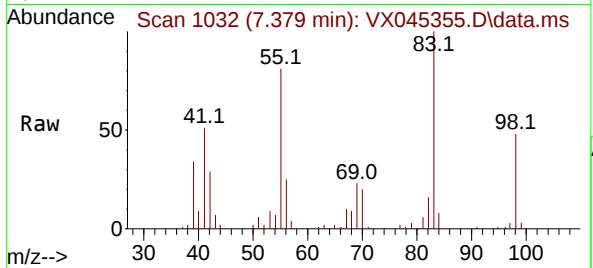
Tgt Ion: 83	Resp: 3566
Ion Ratio	Lower Upper
83 100	
55 81.3	63.0 94.4
98 47.5	39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#40

Benzene

Concen: 18.128 ug/l

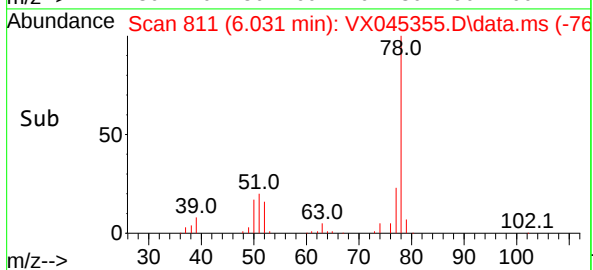
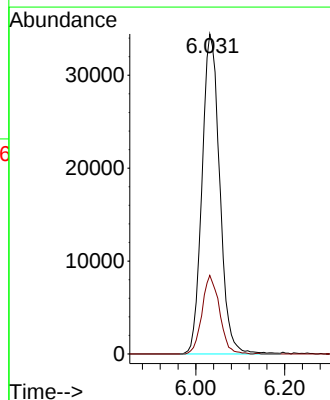
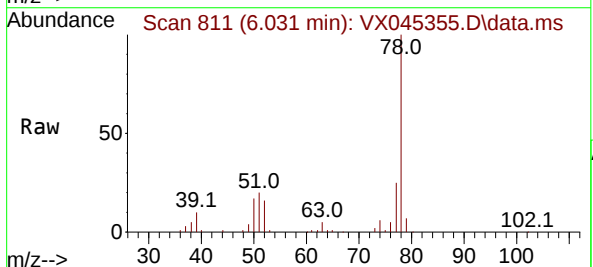
RT: 6.031 min Scan# 811

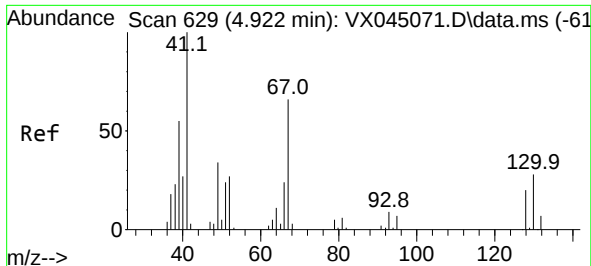
Delta R.T. -0.000 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

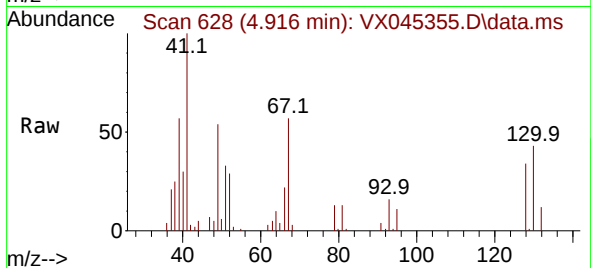
Tgt Ion: 78	Resp: 95403
Ion Ratio	Lower Upper
78 100	
77 24.6	18.8 28.2





#41
Methacrylonitrile
Concen: 18.447 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

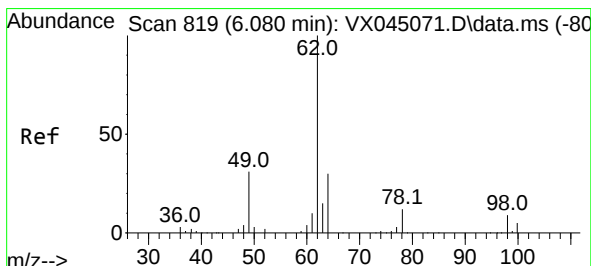
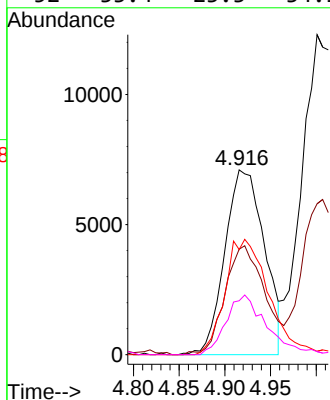
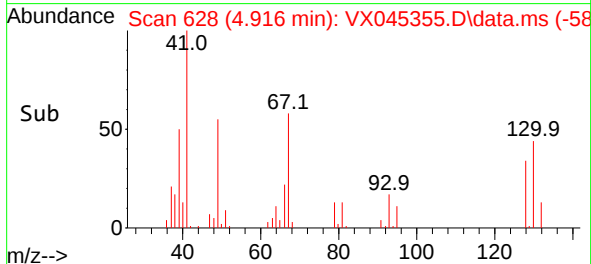
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 41 Resp: 21420
Ion Ratio Lower Upper
41 100
39 59.9 44.6 67.0
67 69.7 53.9 80.9
52 33.4 23.3 34.9

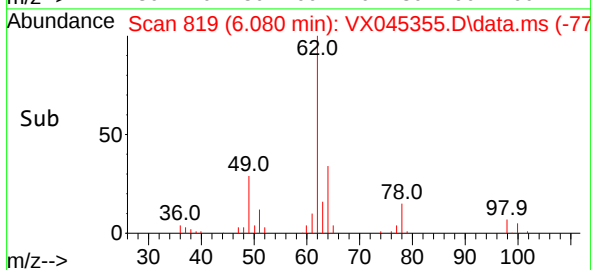
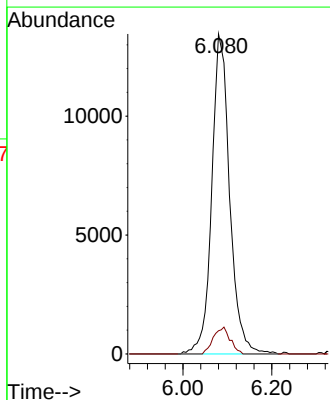
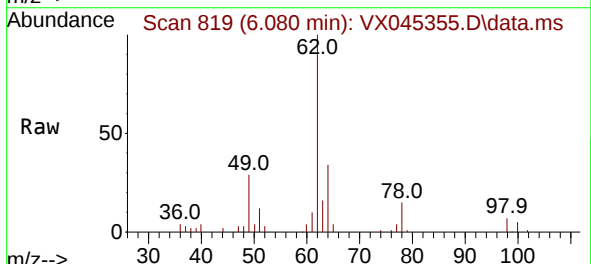
Manual Integrations
APPROVED

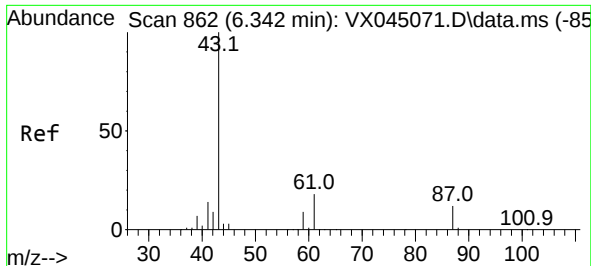
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#42
1,2-Dichloroethane
Concen: 19.839 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

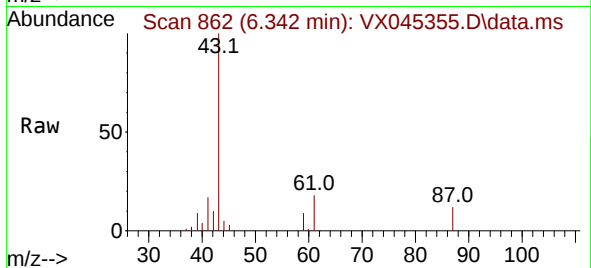
Tgt Ion: 62 Resp: 37596
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.2





#43
Isopropyl Acetate
Concen: 18.358 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

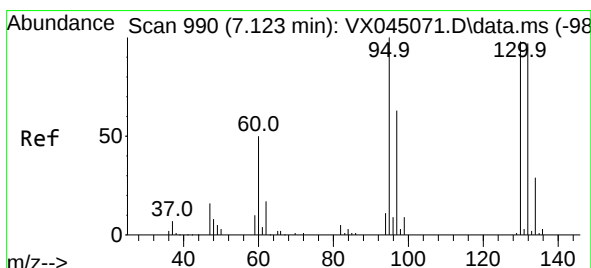
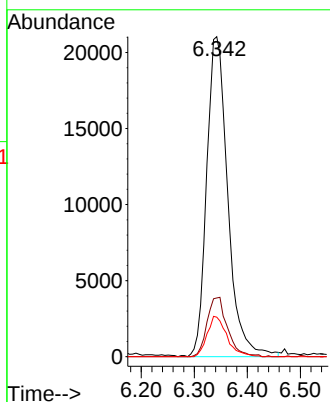
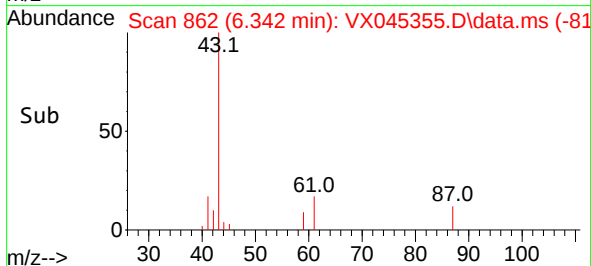
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



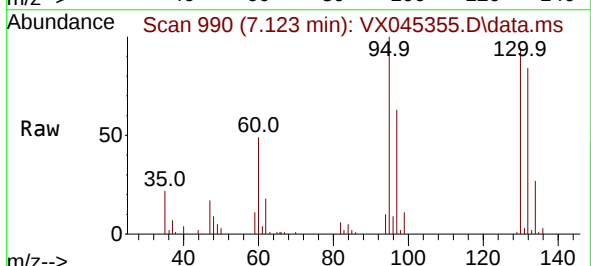
Tgt Ion: 43 Resp: 5829
Ion Ratio Lower Upper
43 100
61 17.8 14.9 22.3
87 11.8 9.4 14.2

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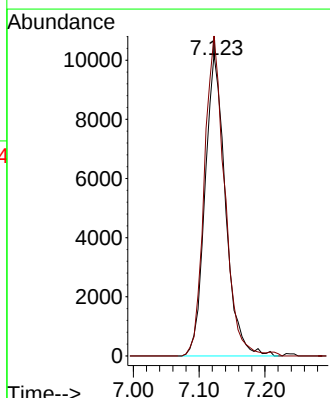
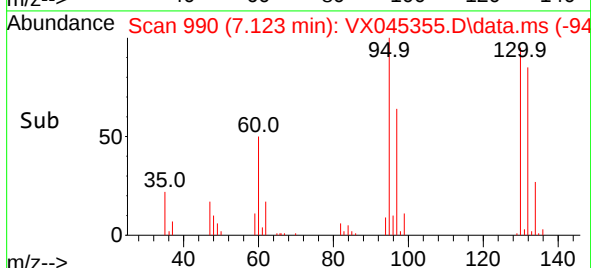
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

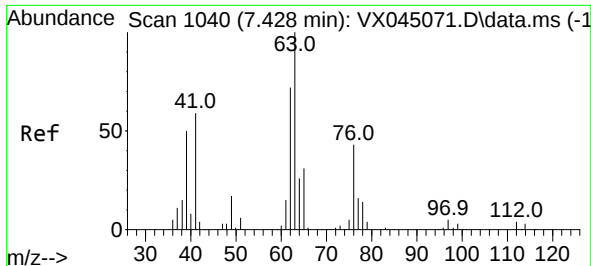


#44
Trichloroethene
Concen: 17.867 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



Tgt Ion:130 Resp: 22079
Ion Ratio Lower Upper
130 100
95 106.0 0.0 205.0





#45

1,2-Dichloropropane

Concen: 18.309 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 63 Resp: 24774

Ion Ratio Lower Upper

63 100

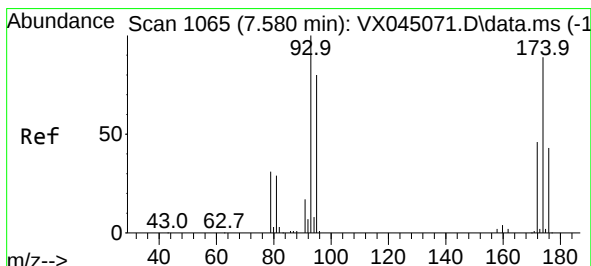
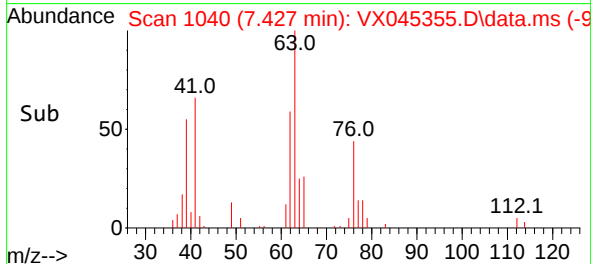
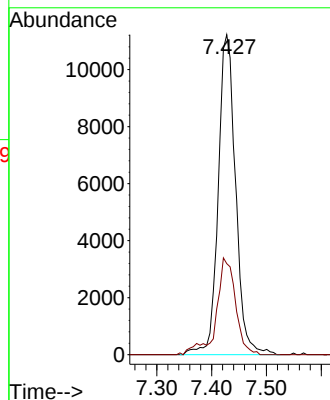
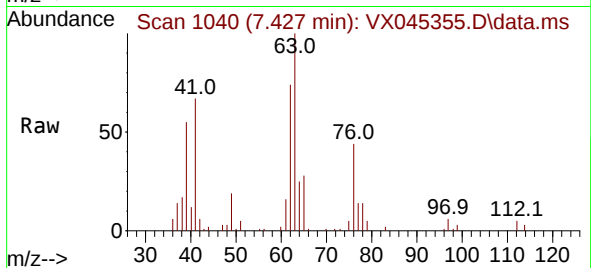
65 28.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#46

Dibromomethane

Concen: 19.049 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

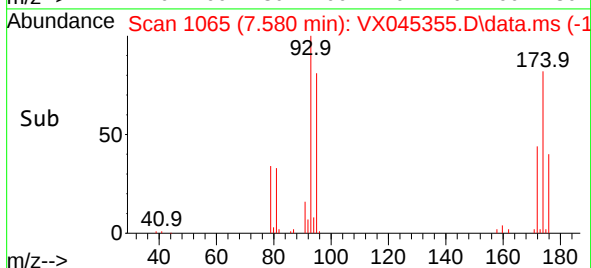
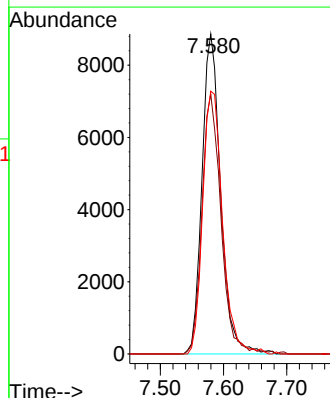
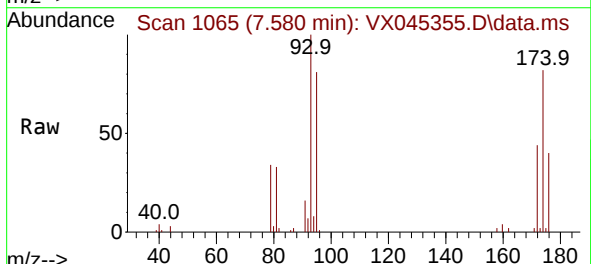
Tgt Ion: 93 Resp: 18218

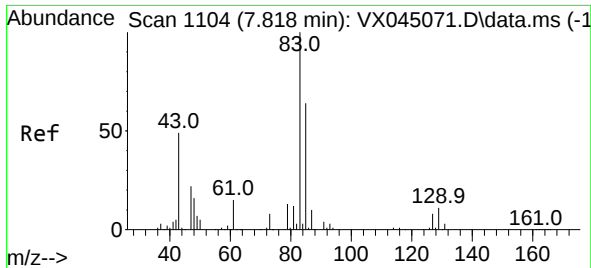
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 87.4 72.2 108.2





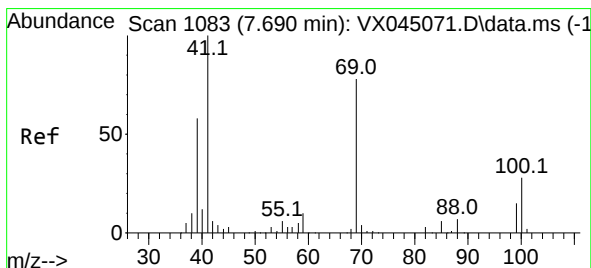
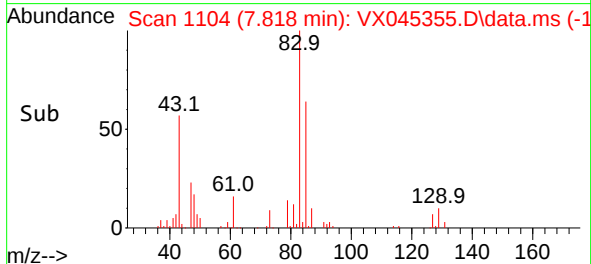
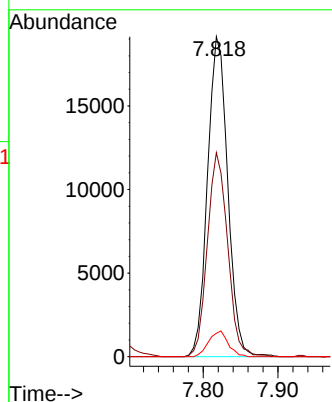
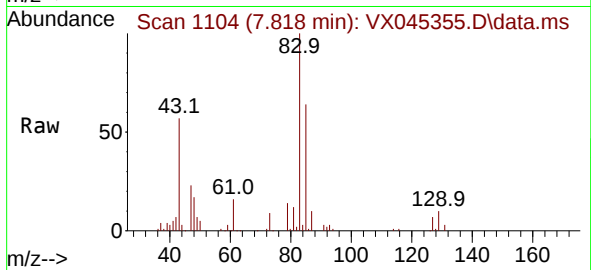
#47
Bromodichloromethane
Concen: 19.182 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 83 Resp: 35984
Ion Ratio Lower Upper
83 100
85 63.7 51.1 76.7
127 7.3 6.4 9.6

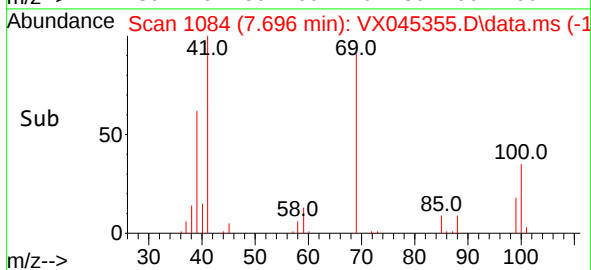
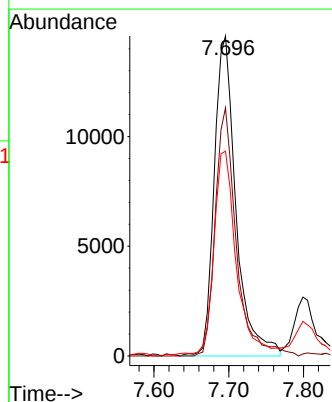
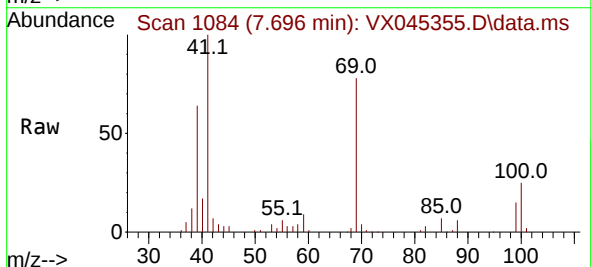
Manual Integrations
APPROVED

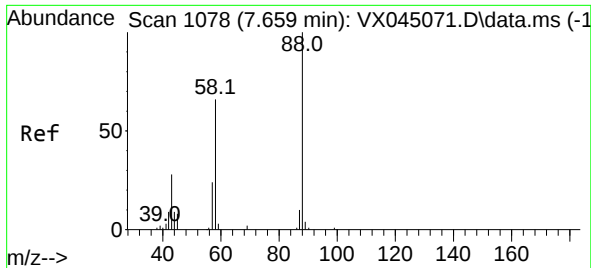
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#48
Methyl methacrylate
Concen: 18.474 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

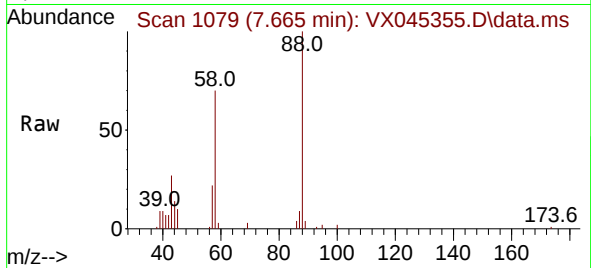
Tgt Ion: 41 Resp: 29431
Ion Ratio Lower Upper
41 100
69 75.0 63.0 94.6
39 66.8 47.5 71.3





#49
1,4-Dioxane
Concen: 310.577 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

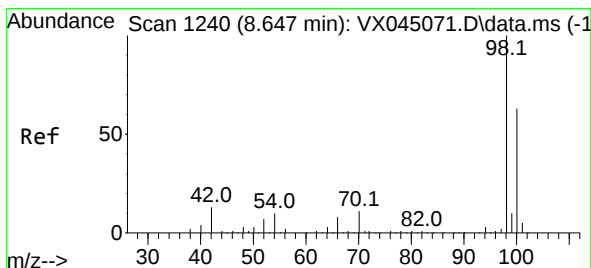
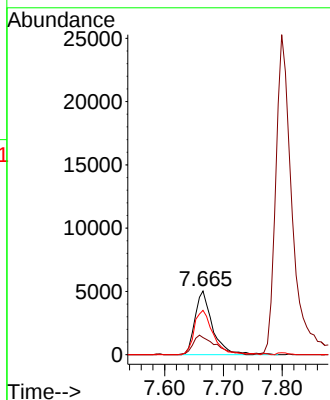
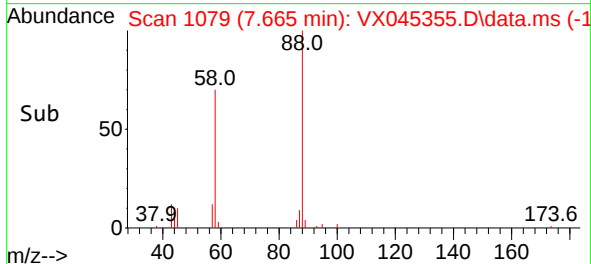
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 88 Resp: 1043
Ion Ratio Lower Upper
88 100
43 38.9 28.7 43.1
58 74.5 55.8 83.8

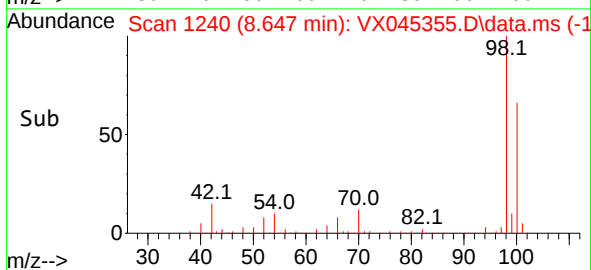
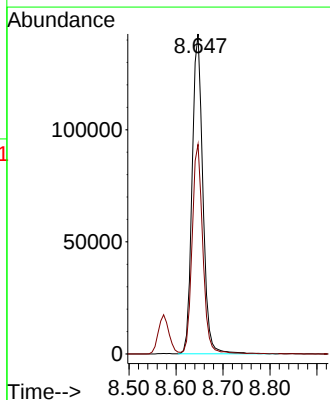
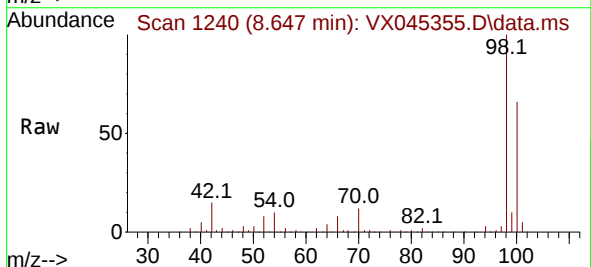
Manual Integrations
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Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#50
Toluene-d8
Concen: 51.736 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion: 98 Resp: 227931
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





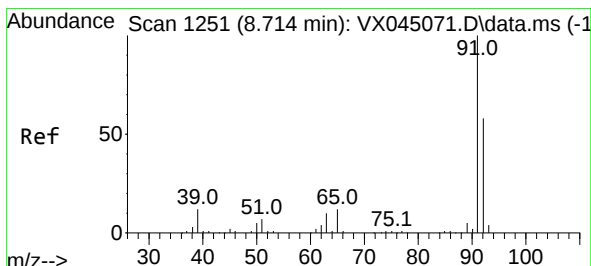
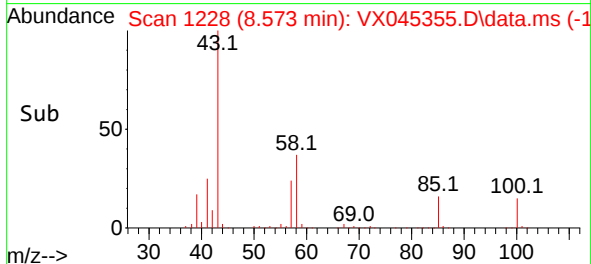
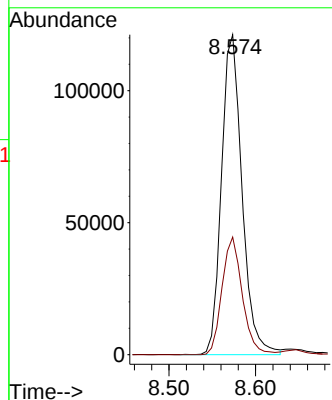
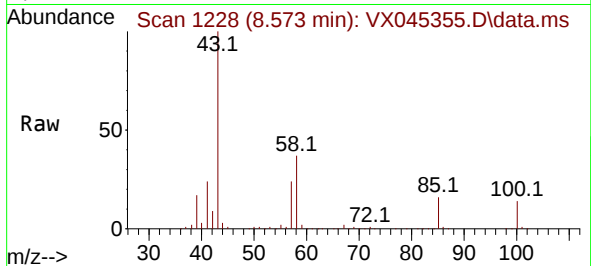
#51
4-Methyl-2-Pentanone
Concen: 93.772 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 43 Resp: 19993
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8

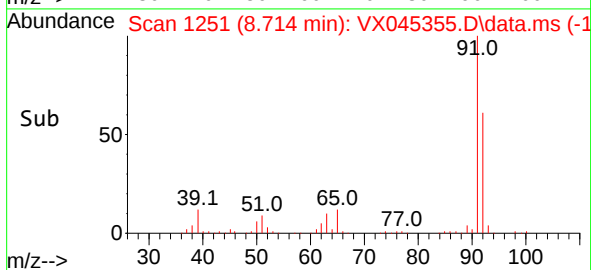
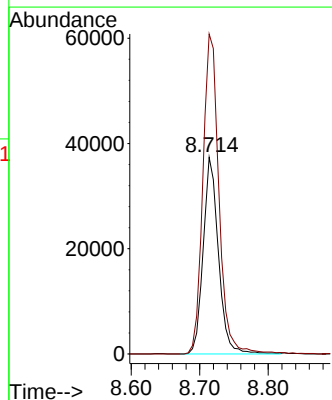
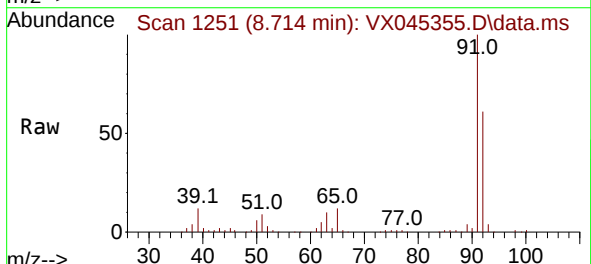
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 18.793 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion: 92 Resp: 58027
Ion Ratio Lower Upper
92 100
91 172.0 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 17.934 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 75 Resp: 2812

Ion Ratio Lower Upper

75 100

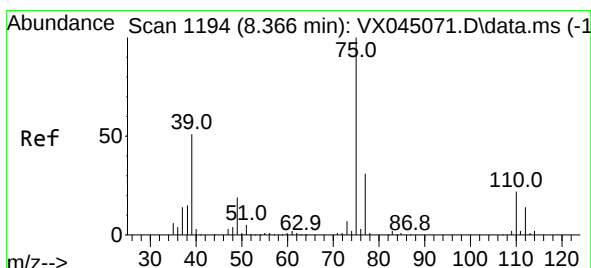
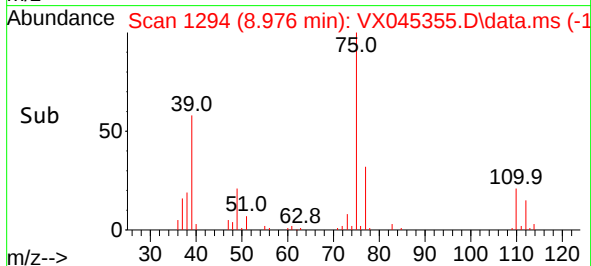
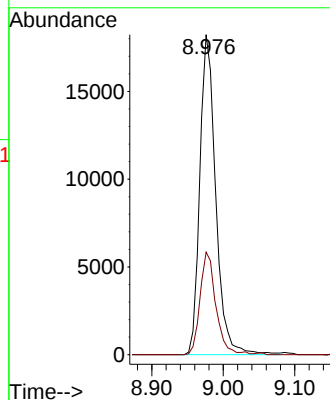
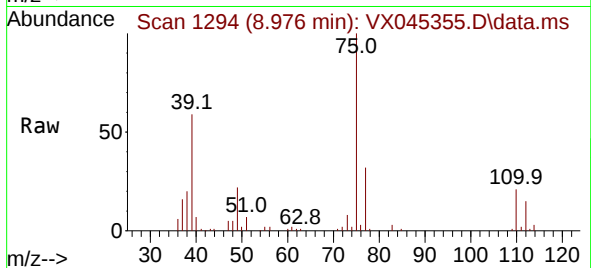
77 32.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#54

cis-1,3-Dichloropropene

Concen: 18.782 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

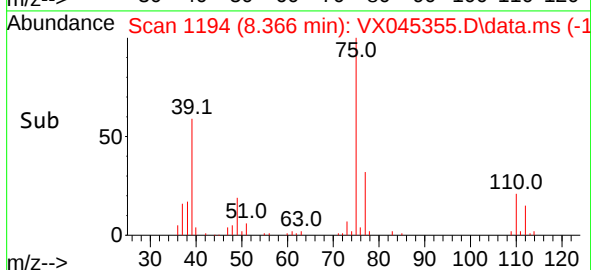
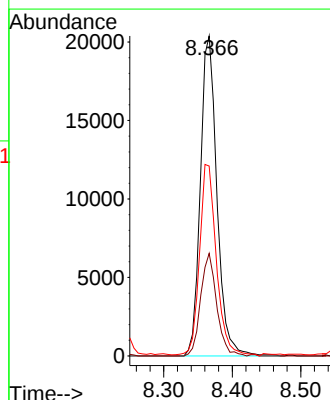
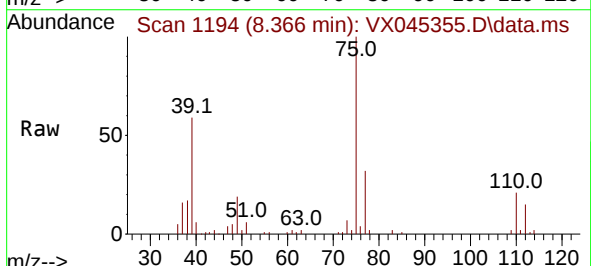
Tgt Ion: 75 Resp: 34347

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

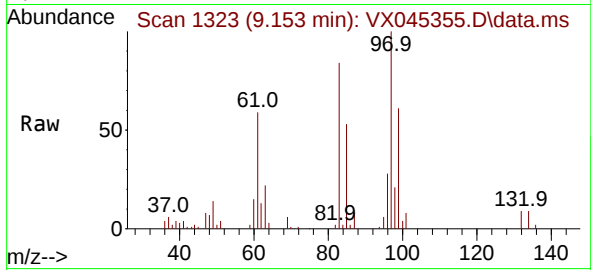
39 58.8 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 18.408 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

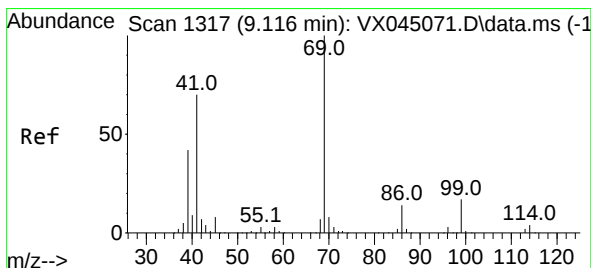
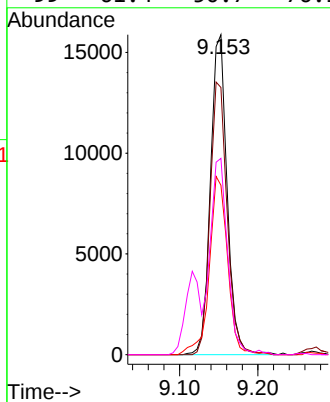
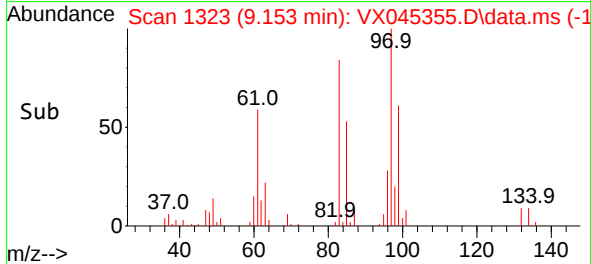


Tgt Ion: 97 Resp: 2339

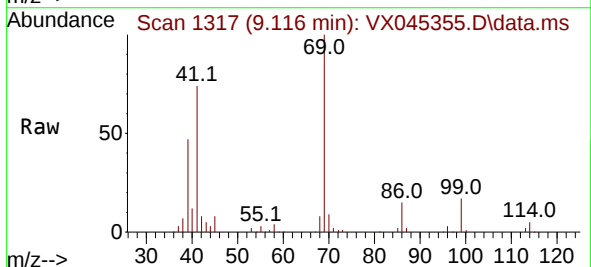
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.4	104.2
85	53.0	44.1	66.1
99	61.4	50.7	76.1

Manual Integrations
APPROVED

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

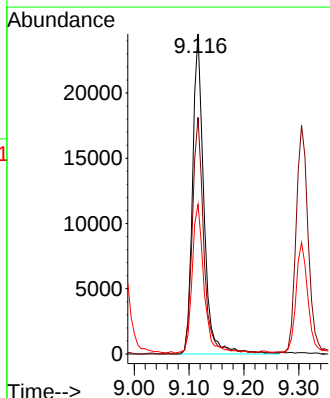
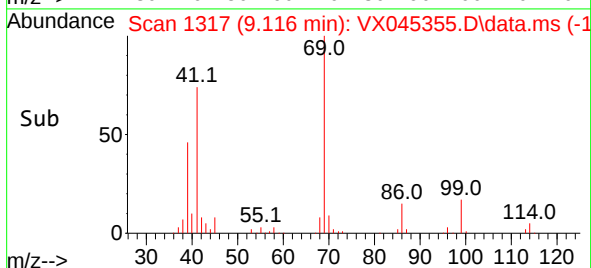


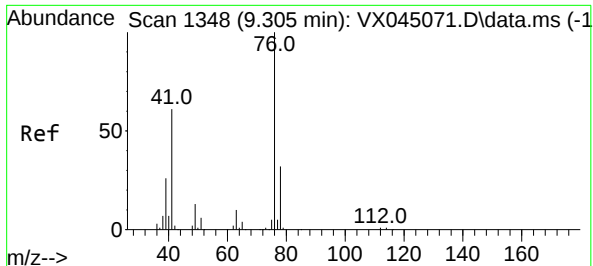
#56
Ethyl methacrylate
Concen: 18.326 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



Tgt Ion: 69 Resp: 35410

Ion	Ratio	Lower	Upper
69	100		
41	74.6	57.0	85.4
39	48.6	34.2	51.4





#57

1,3-Dichloropropane

Concen: 18.940 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 76 Resp: 41664

Ion Ratio Lower Upper

76 100

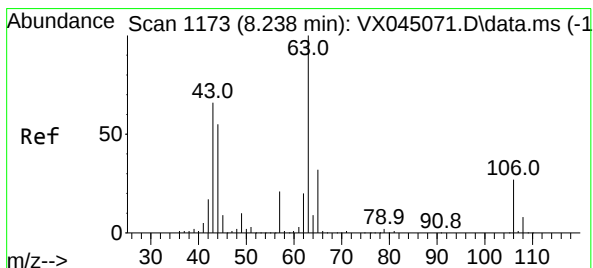
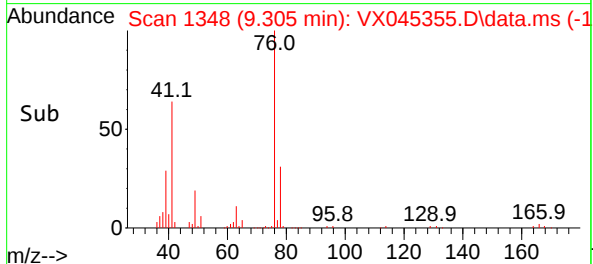
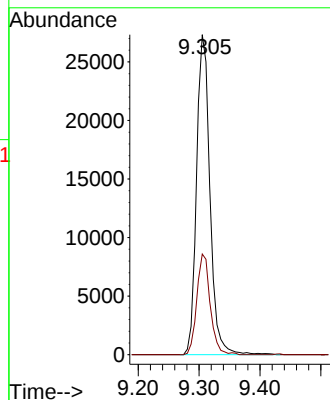
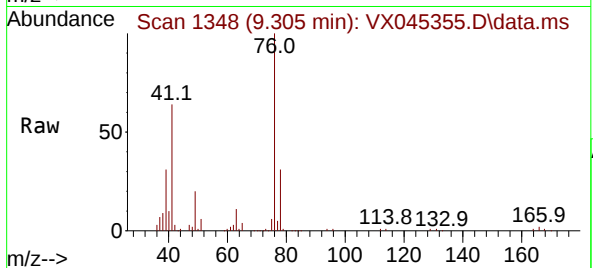
78 31.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 105.558 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045355.D

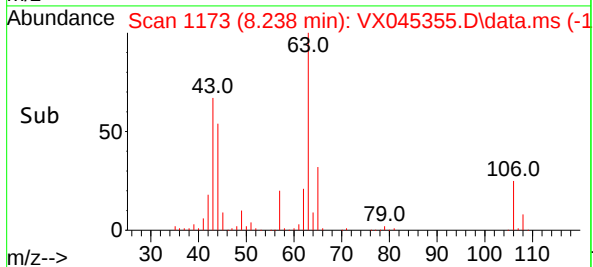
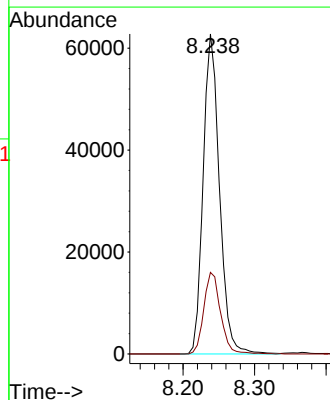
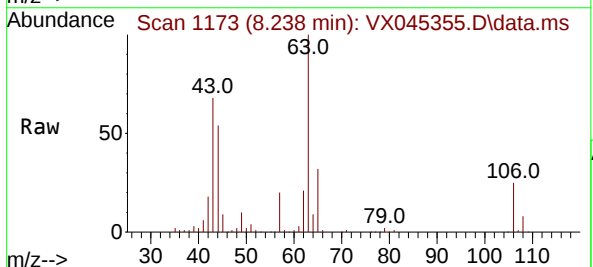
Acq: 20 Mar 2025 12:53

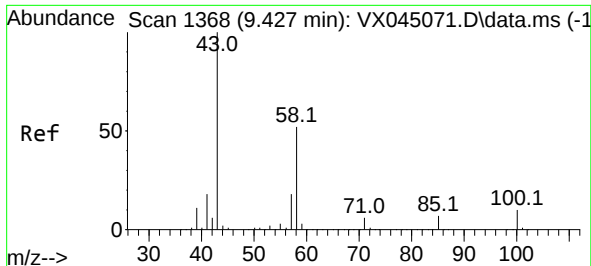
Tgt Ion: 63 Resp: 99493

Ion Ratio Lower Upper

63 100

106 26.2 21.5 32.3





#59

2-Hexanone

Concen: 94.726 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 43 Resp: 14633

Ion Ratio Lower Upper

43 100

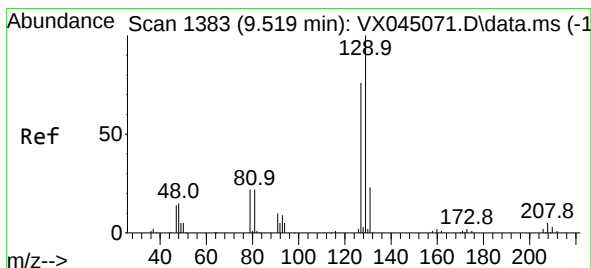
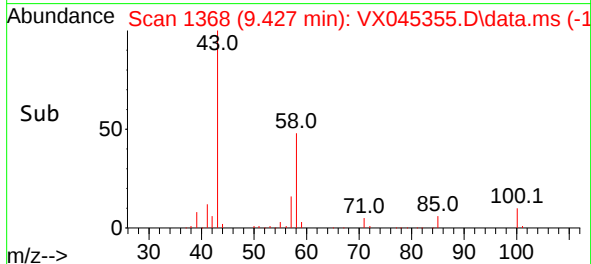
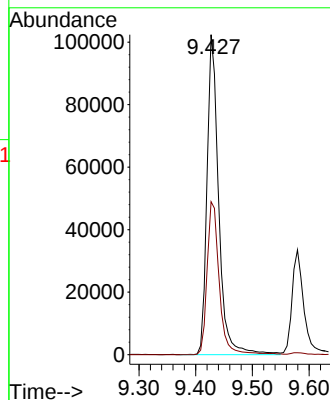
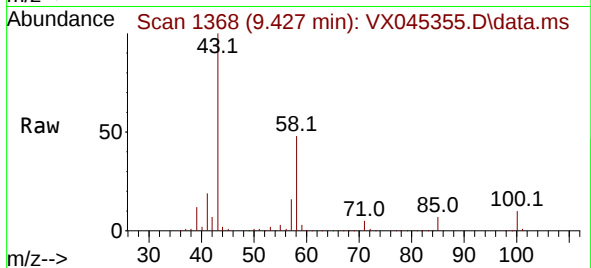
58 50.0 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#60

Dibromochloromethane

Concen: 18.591 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045355.D

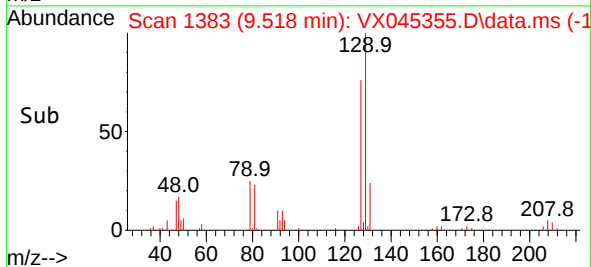
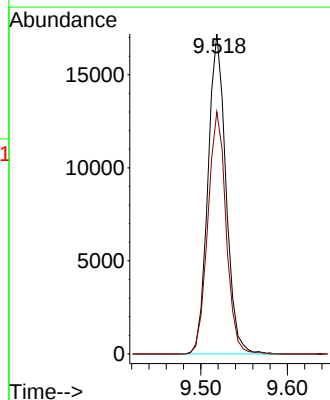
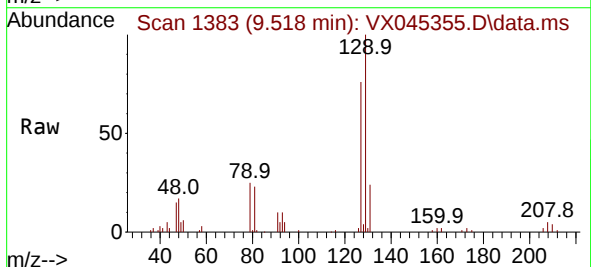
Acq: 20 Mar 2025 12:53

Tgt Ion:129 Resp: 24709

Ion Ratio Lower Upper

129 100

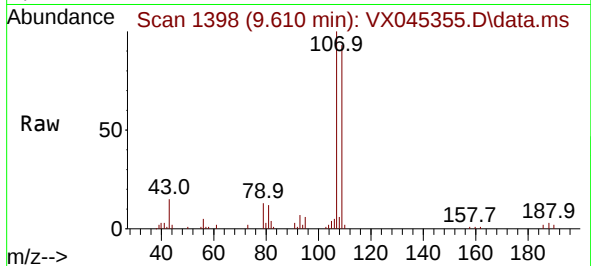
127 77.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 18.473 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

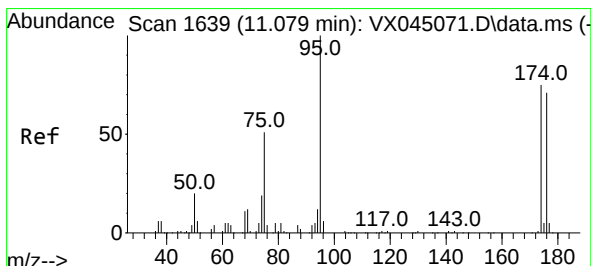
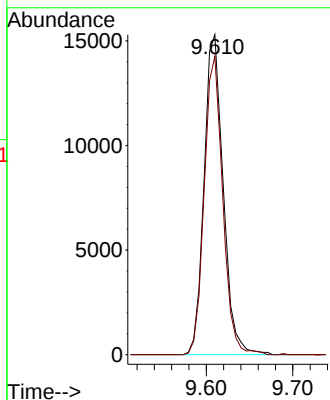
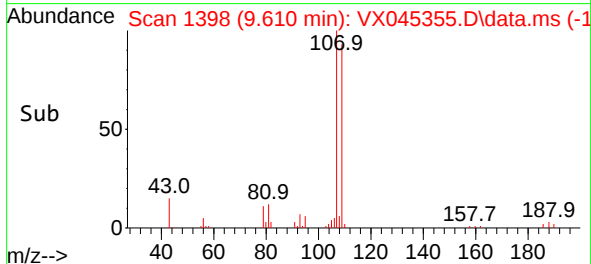
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:107 Resp: 2344
Ion Ratio Lower Upper
107 100
109 90.2 76.1 114.1

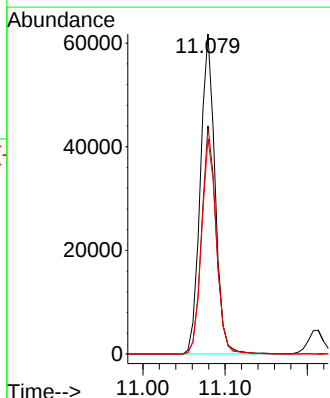
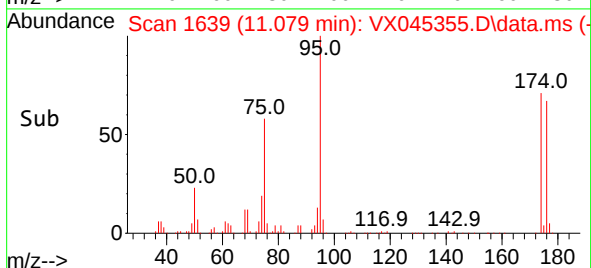
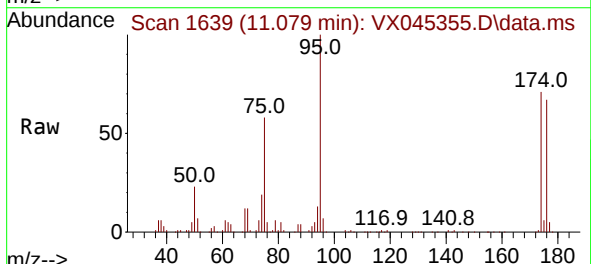
Manual Integrations
APPROVED

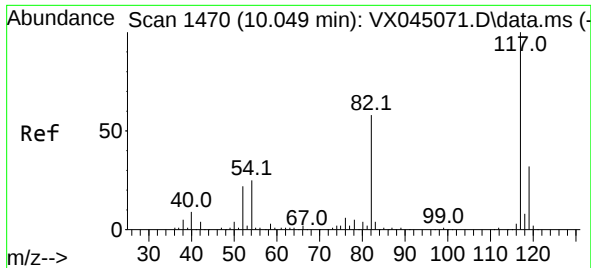
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#62
4-Bromofluorobenzene
Concen: 52.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

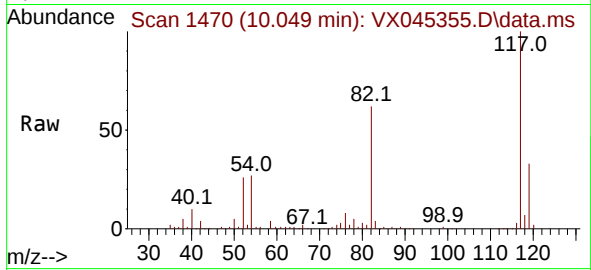
Tgt Ion: 95 Resp: 76667
Ion Ratio Lower Upper
95 100
174 70.3 0.0 148.2
176 67.7 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

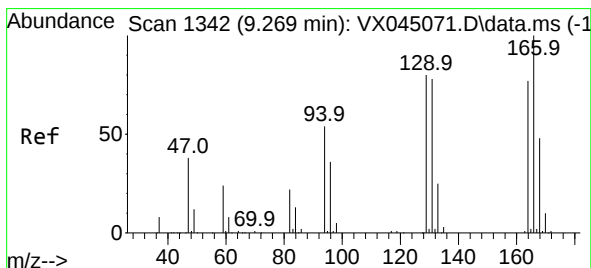
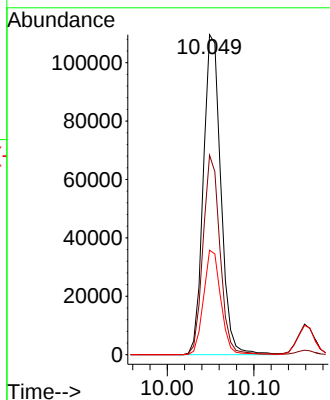
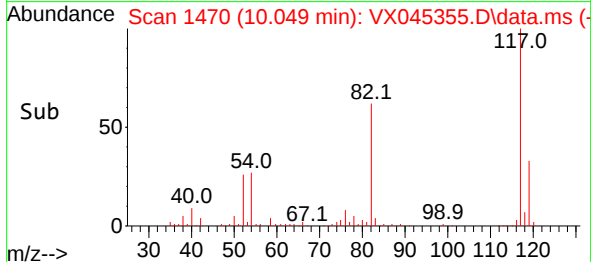
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:117 Resp: 15427
Ion Ratio Lower Upper
117 100
82 62.4 46.3 69.5
119 32.7 25.7 38.5

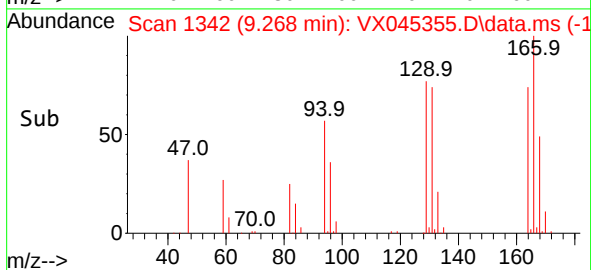
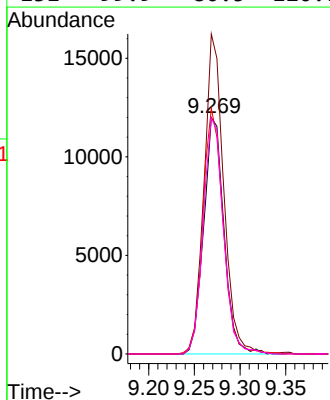
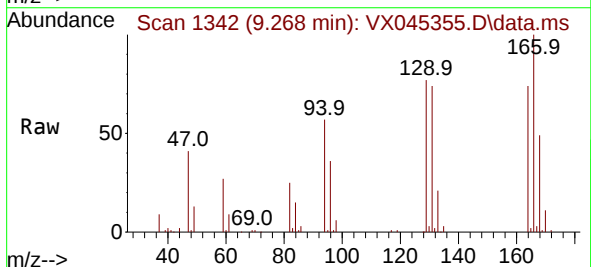
Manual Integrations
APPROVED

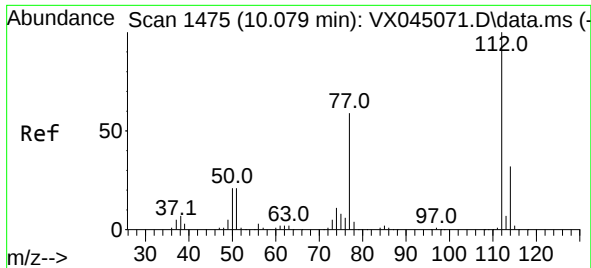
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#64
Tetrachloroethene
Concen: 18.748 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion:164 Resp: 18524
Ion Ratio Lower Upper
164 100
166 135.4 103.6 155.4
129 103.9 82.7 124.1
131 99.9 80.5 120.7





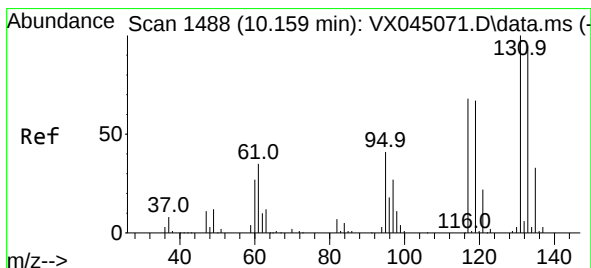
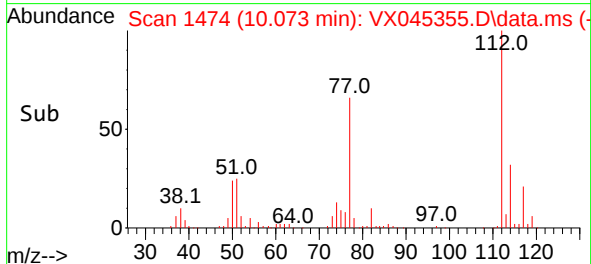
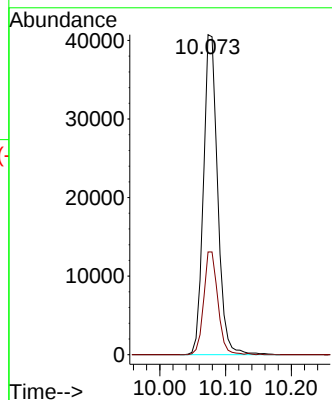
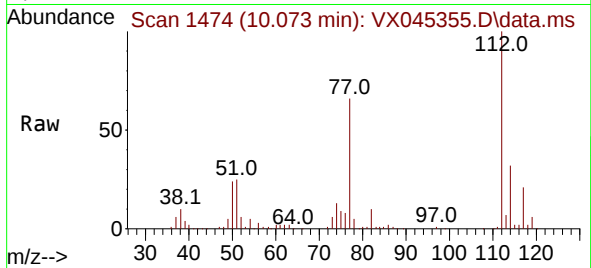
#65
Chlorobenzene
Concen: 18.763 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion:112 Resp: 61249
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0

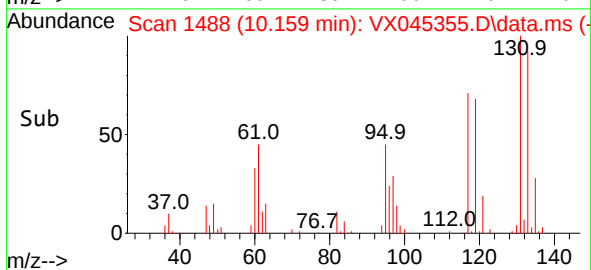
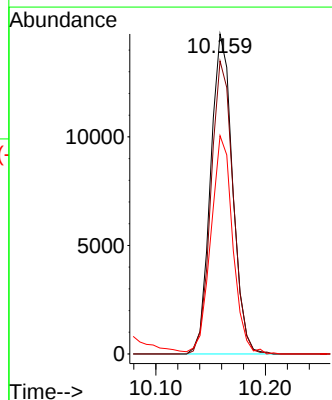
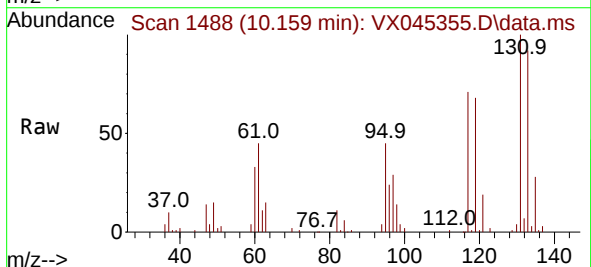
Manual Integrations
APPROVED

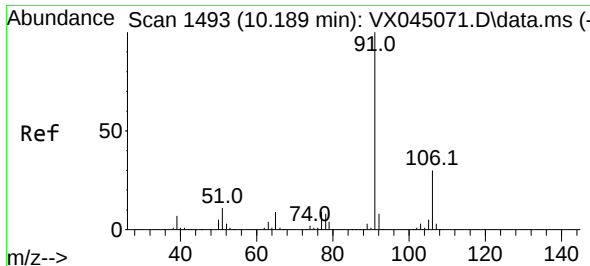
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.893 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion:131 Resp: 20539
Ion Ratio Lower Upper
131 100
133 92.1 48.6 145.9
119 67.9 33.9 101.7





#67

Ethyl Benzene

Concen: 19.129 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 91 Resp: 10880

Ion Ratio Lower Upper

91 100

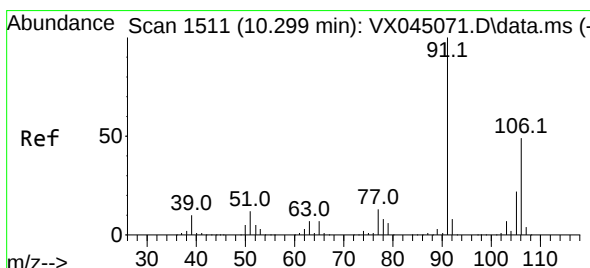
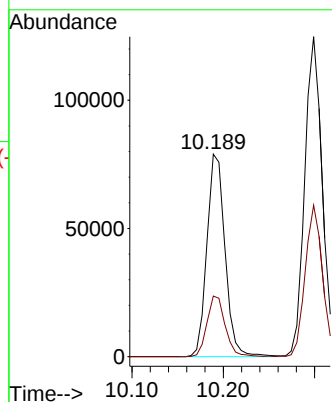
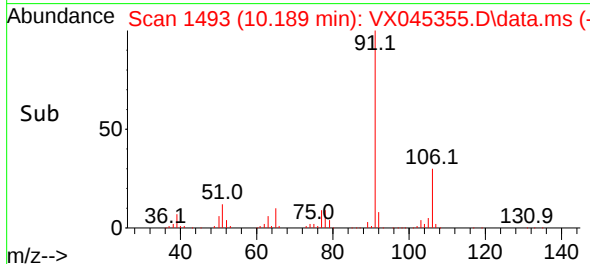
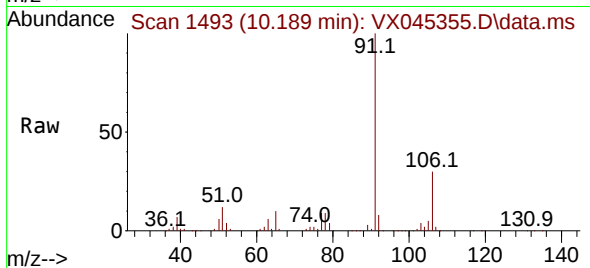
106 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#68

m/p-Xylenes

Concen: 38.487 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045355.D

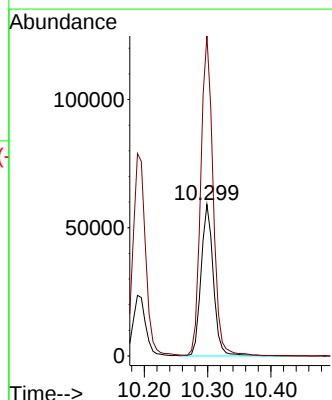
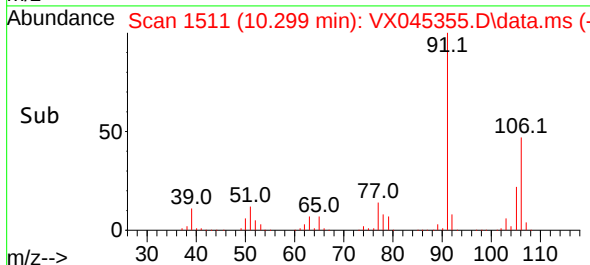
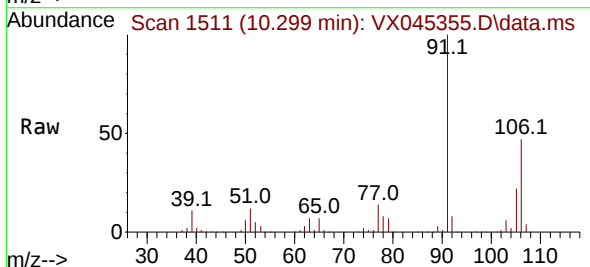
Acq: 20 Mar 2025 12:53

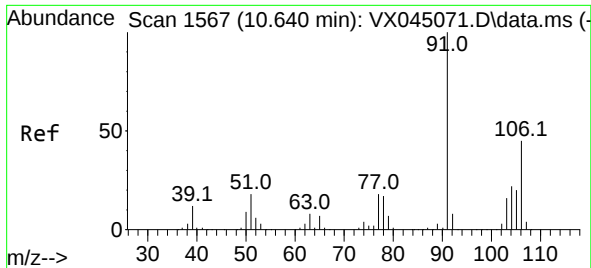
Tgt Ion:106 Resp: 80137

Ion Ratio Lower Upper

106 100

91 211.0 165.4 248.0





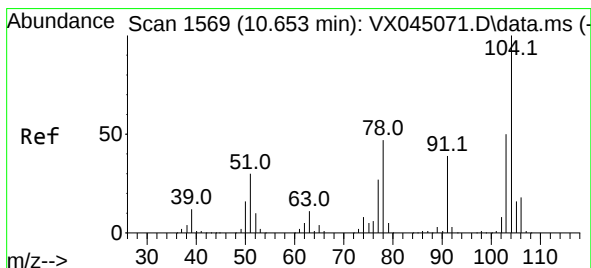
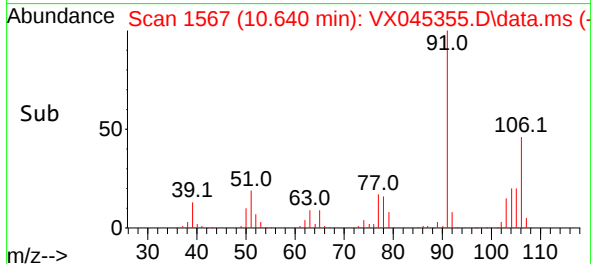
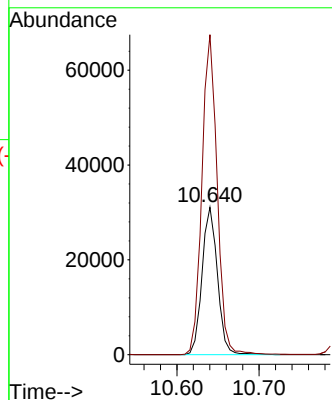
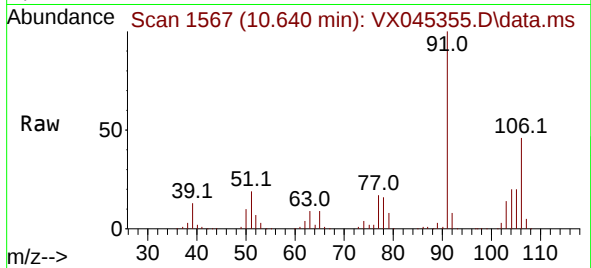
#69
o-Xylene
Concen: 19.274 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion:106 Resp: 4047
Ion Ratio Lower Upper
106 100
91 215.0 109.9 329.6

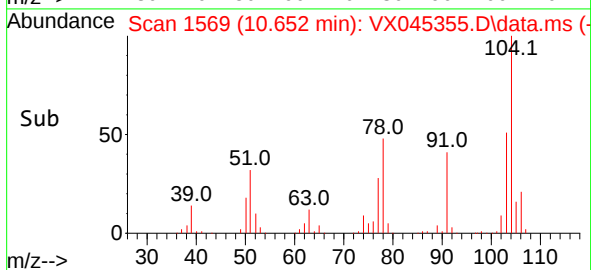
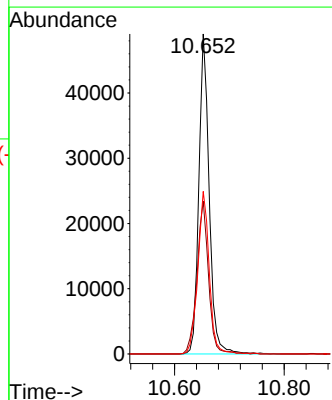
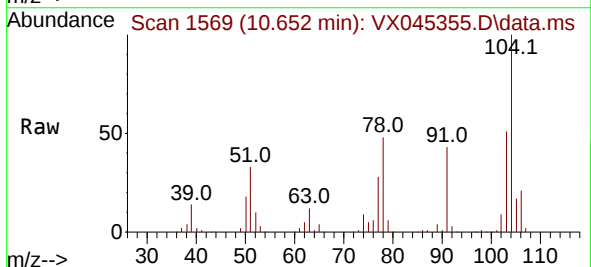
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 18.998 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

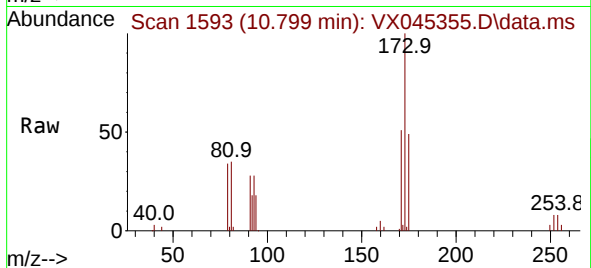
Tgt Ion:104 Resp: 64556
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 56.2 43.8 65.8





#71
Bromoform
Concen: 18.235 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

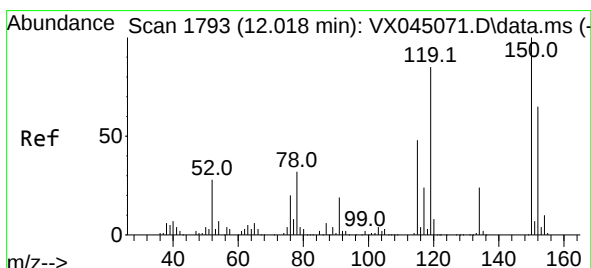
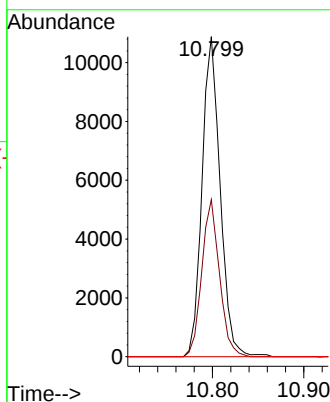
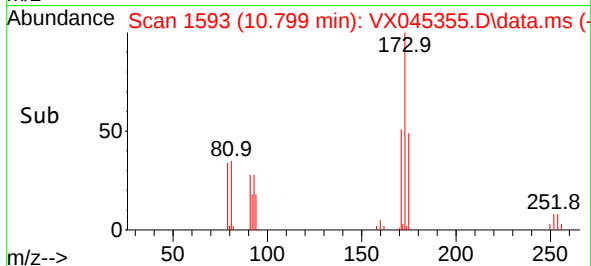
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:173 Resp: 14948
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.0 0.0 0.0

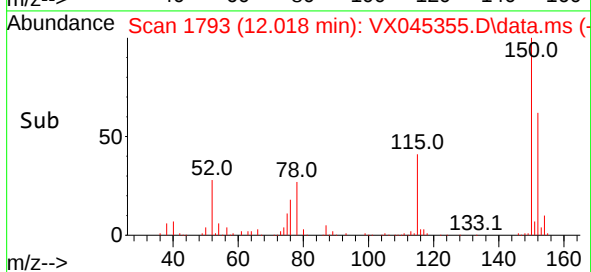
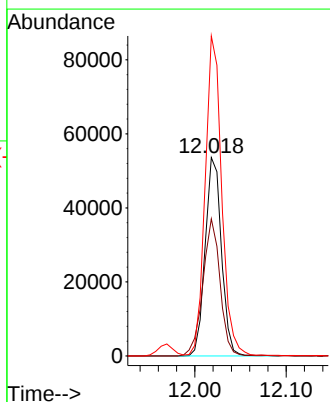
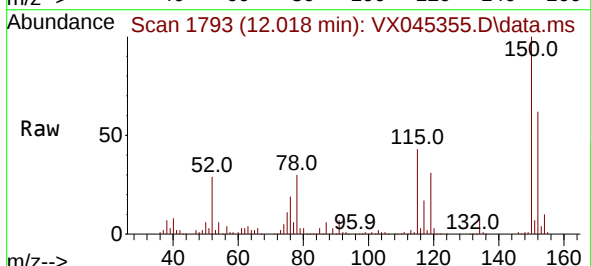
Manual Integrations
APPROVED

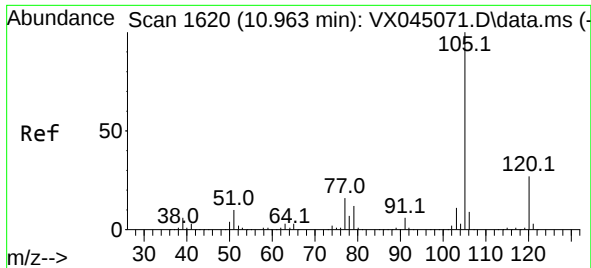
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

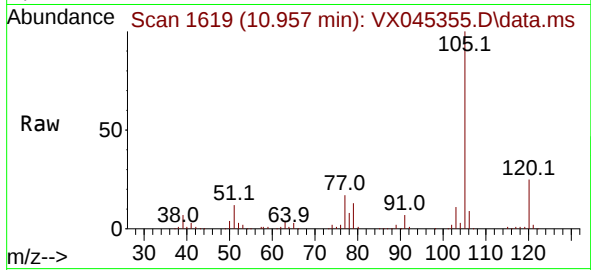
Tgt Ion:152 Resp: 66247
Ion Ratio Lower Upper
152 100
115 72.8 44.2 132.6
150 163.3 0.0 349.0





#73
Isopropylbenzene
Concen: 20.247 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

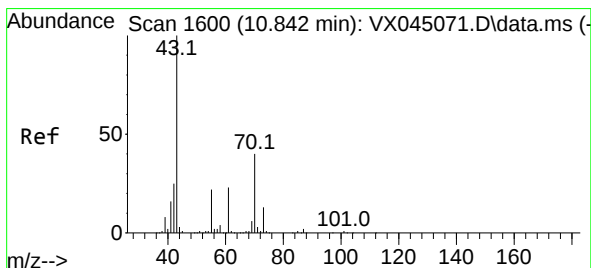
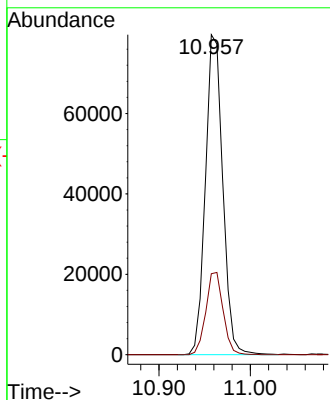
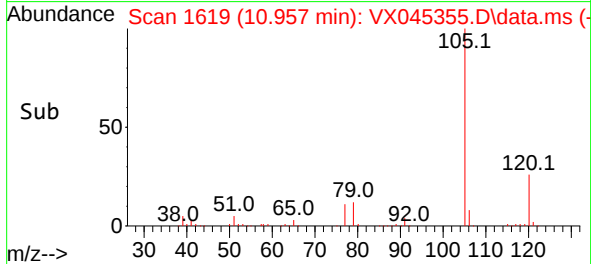
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:105 Resp: 104692
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

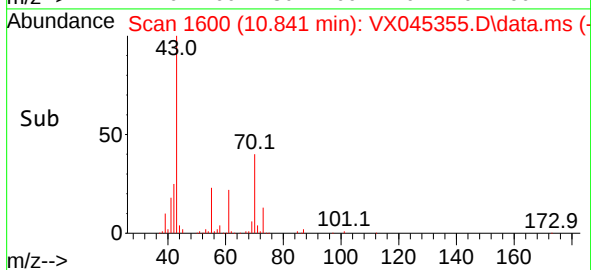
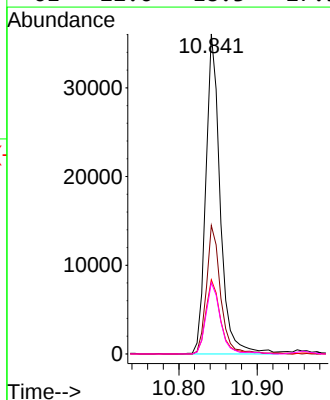
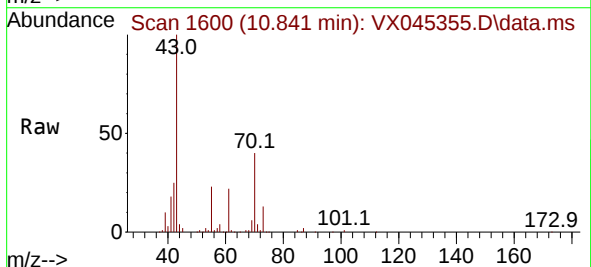
Manual Integrations
APPROVED

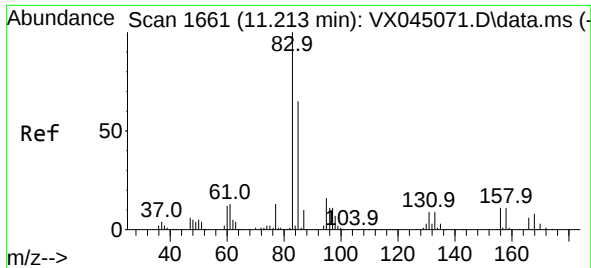
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#74
N-ethyl acetate
Concen: 18.906 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion: 43 Resp: 45871
Ion Ratio Lower Upper
43 100
70 39.5 31.8 47.6
55 24.0 18.3 27.5
61 22.6 18.3 27.5





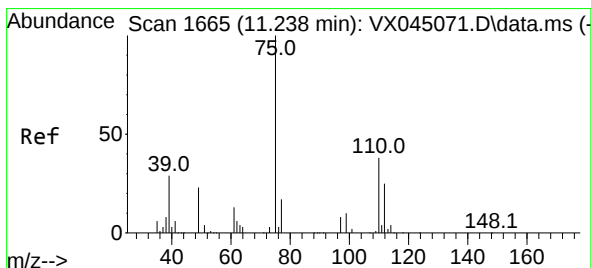
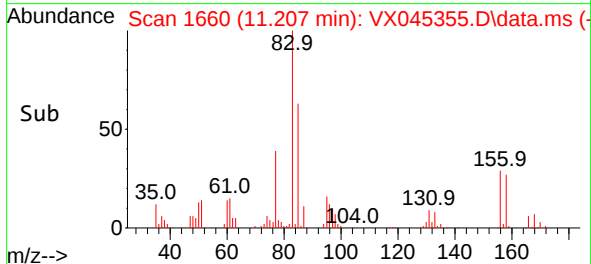
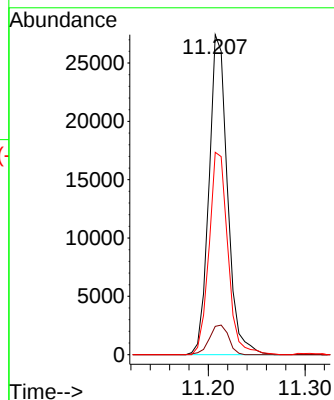
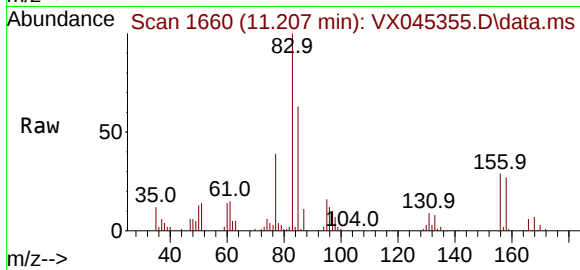
#75
1,1,2,2-Tetrachloroethane
Concen: 19.215 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 83 Resp: 3646
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.4
85 64.4 31.7 95.1

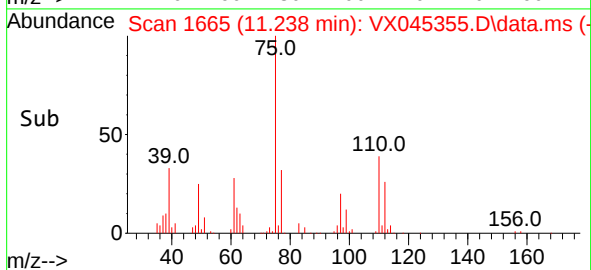
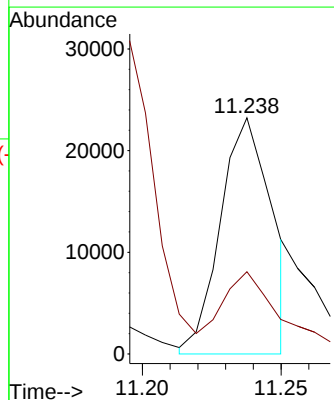
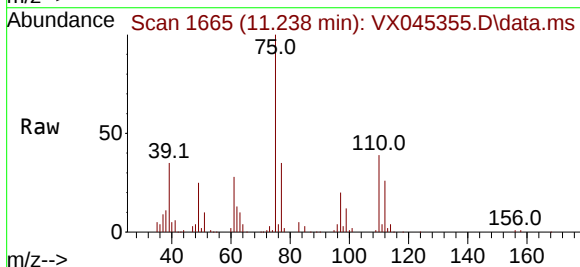
Manual Integrations
APPROVED

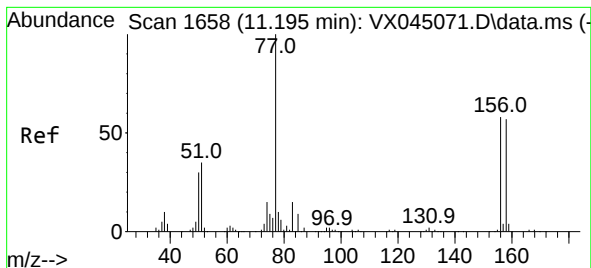
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#76
1,2,3-Trichloropropane
Concen: 19.375 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Tgt Ion: 75 Resp: 29874
Ion Ratio Lower Upper
75 100
77 41.6 20.7 62.1





#77

Bromobenzene

Concen: 19.202 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

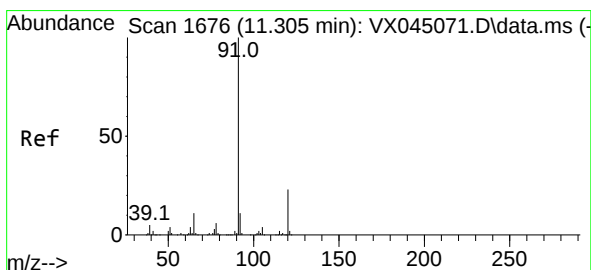
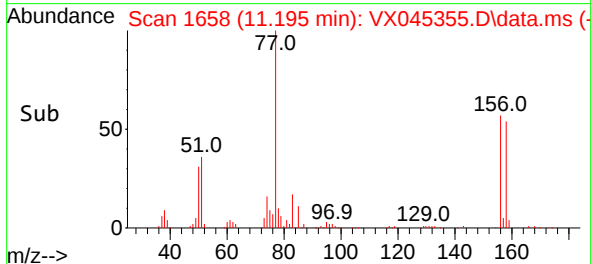
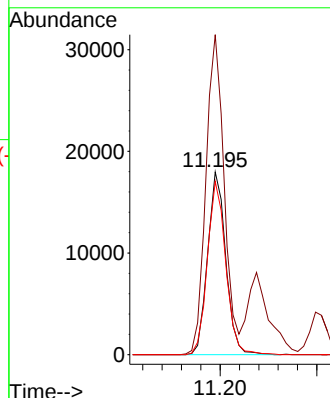
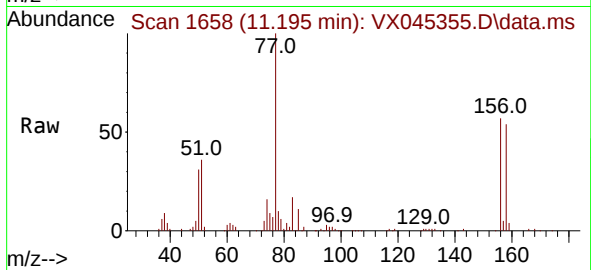
Tgt Ion:	156	Resp:	2342
Ion Ratio	Lower	Upper	
156	100		
77	176.4	85.8	257.4
158	96.6	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#78

n-propylbenzene

Concen: 20.197 ug/l

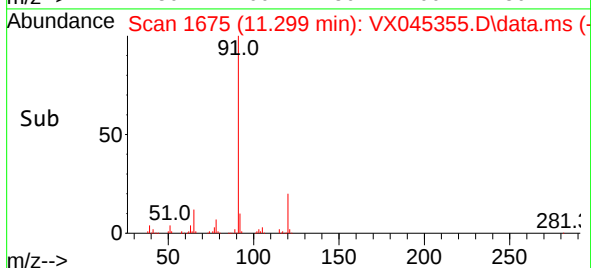
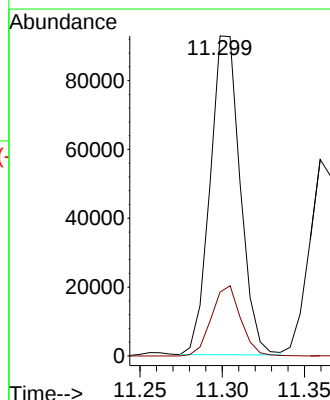
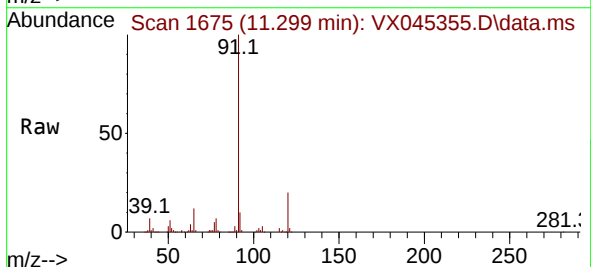
RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX045355.D

Acq: 20 Mar 2025 12:53

Tgt Ion:	91	Resp:	117971
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.2	33.6





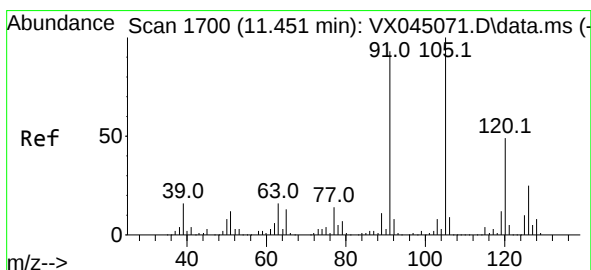
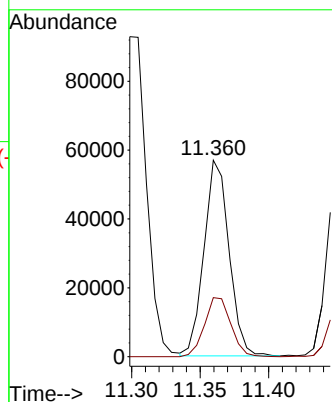
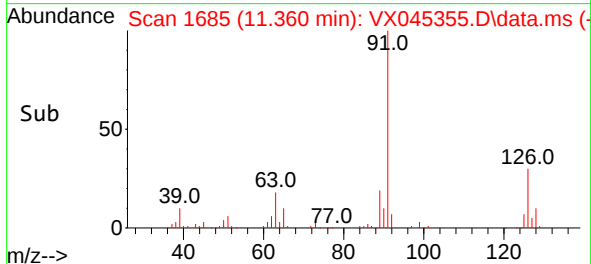
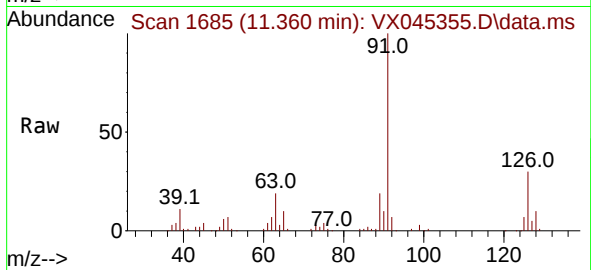
#79
2-Chlorotoluene
Concen: 19.423 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 91 Resp: 7225
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.4

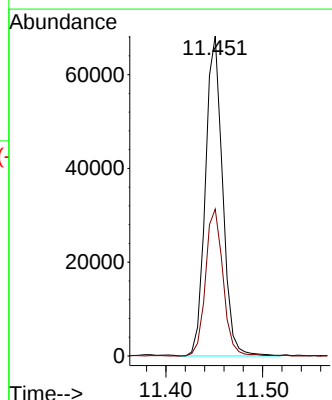
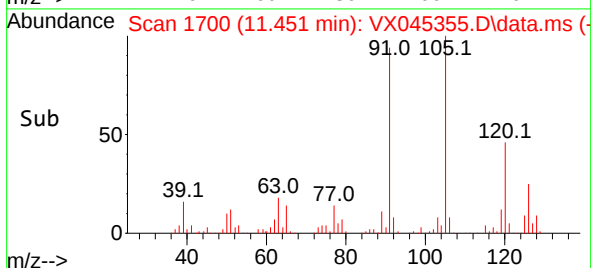
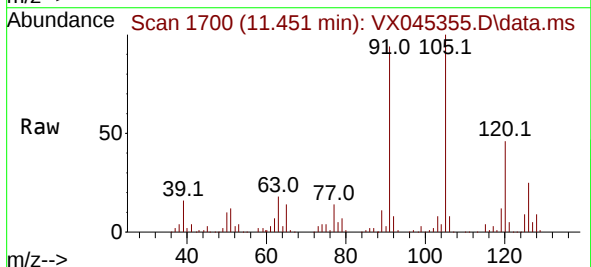
Manual Integrations
APPROVED

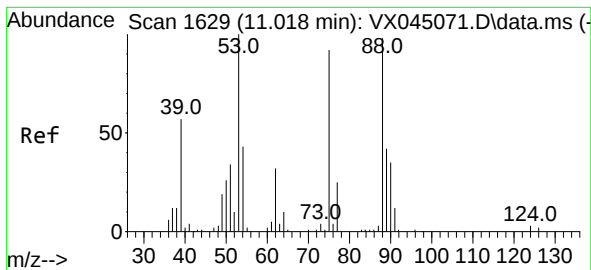
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.177 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

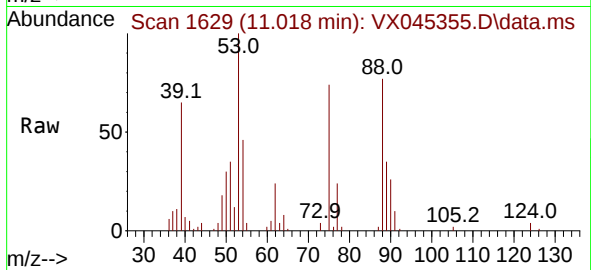
Tgt Ion:105 Resp: 84359
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.191 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

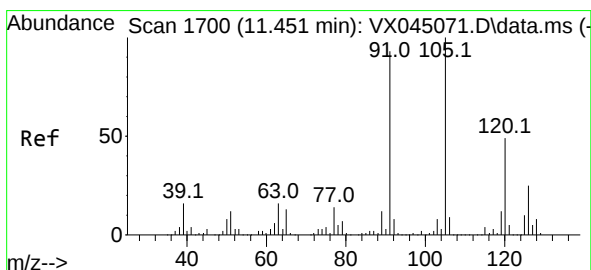
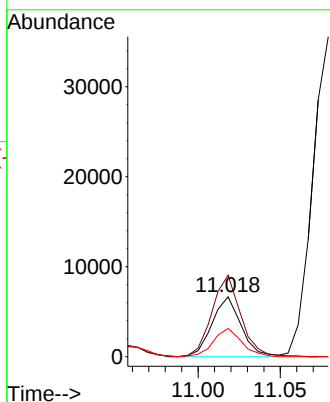
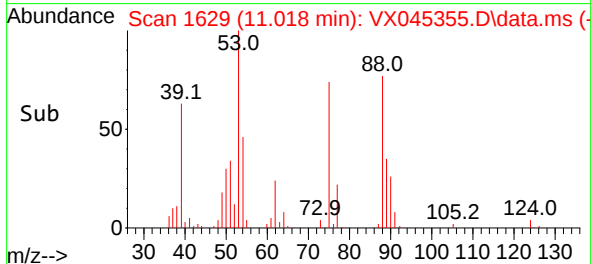
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



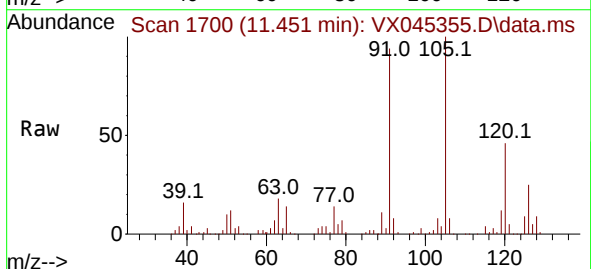
Tgt Ion: 75 Resp: 8190
Ion Ratio Lower Upper
75 100
53 135.0 88.5 132.7
89 45.7 36.2 54.4

Manual Integrations
APPROVED

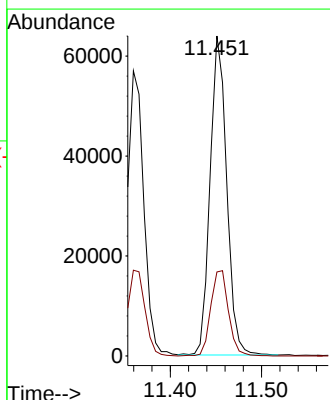
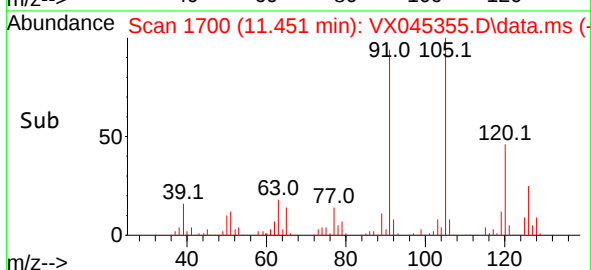
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

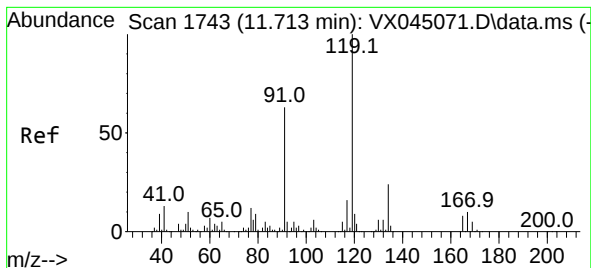


#82
4-Chlorotoluene
Concen: 19.851 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



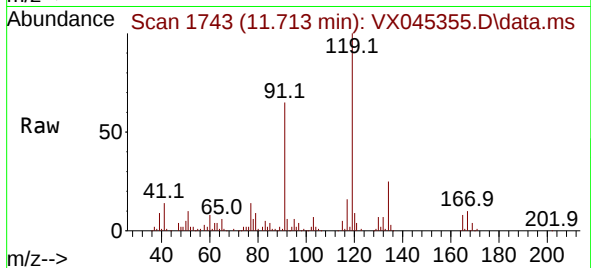
Tgt Ion: 91 Resp: 80479
Ion Ratio Lower Upper
91 100
126 28.6 14.1 42.4





#83
tert-Butylbenzene
Concen: 19.701 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

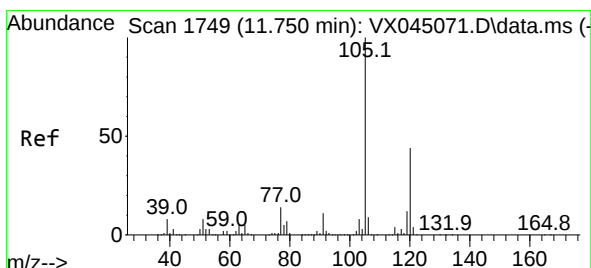
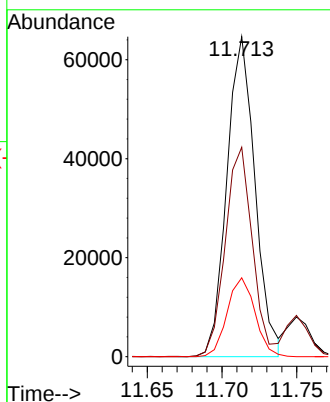
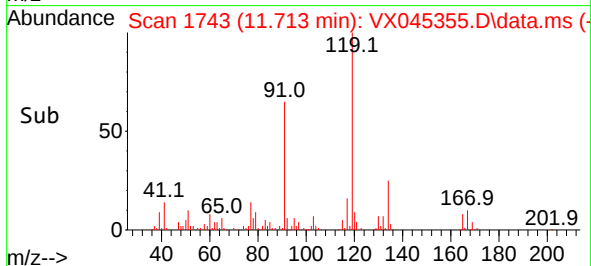
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



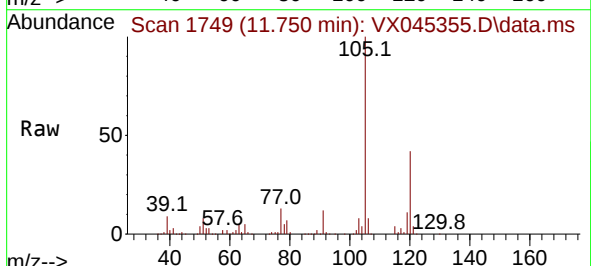
Tgt Ion:119 Resp: 84632
Ion Ratio Lower Upper
119 100
91 63.8 30.7 92.1
134 24.4 11.7 35.0

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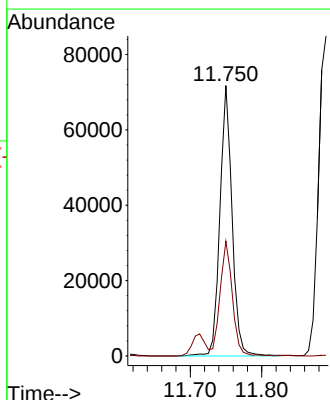
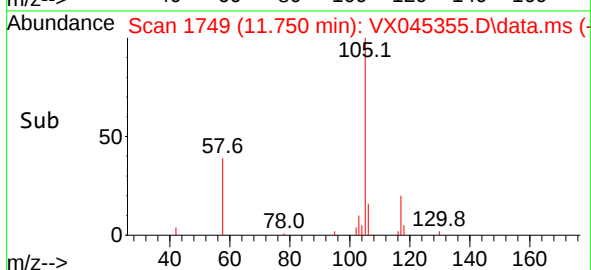
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

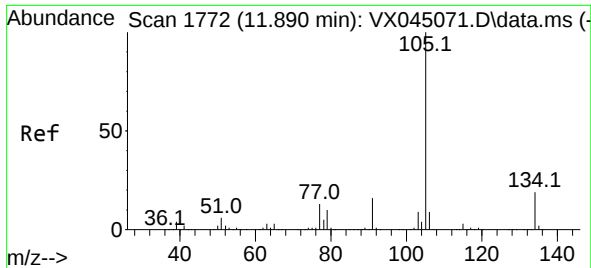


#84
1,2,4-Trimethylbenzene
Concen: 20.144 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



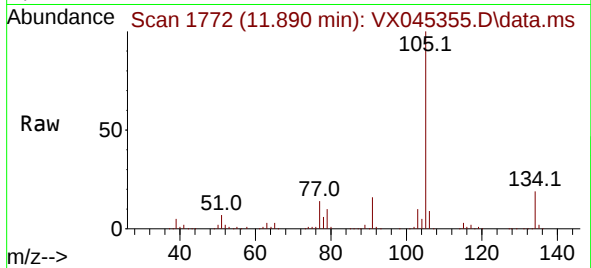
Tgt Ion:105 Resp: 84742
Ion Ratio Lower Upper
105 100
120 42.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 20.425 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045355.D
 Acq: 20 Mar 2025 12:53

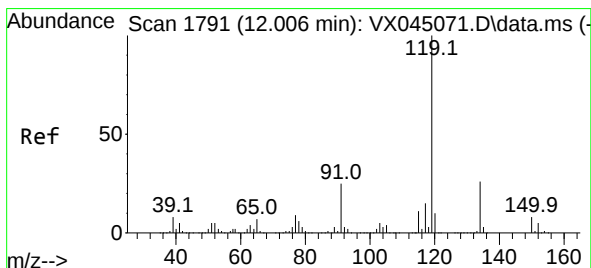
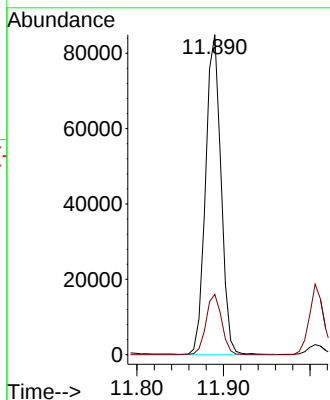
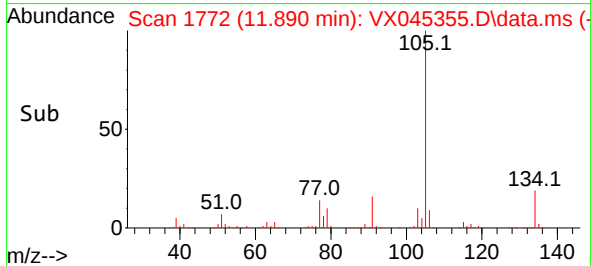
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01



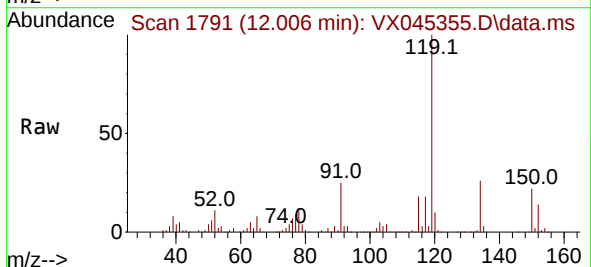
Tgt Ion:105 Resp: 105104
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

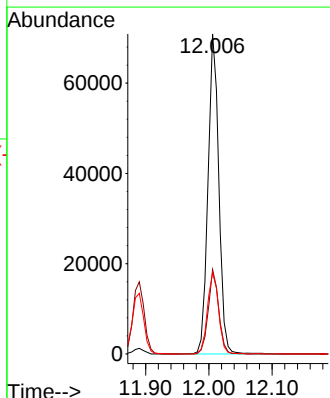
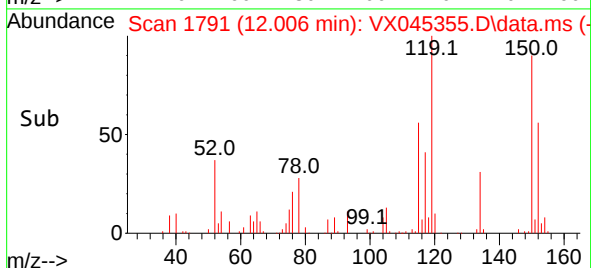
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#86
 p-Isopropyltoluene
 Concen: 20.278 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045355.D
 Acq: 20 Mar 2025 12:53



Tgt Ion:119 Resp: 84328
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 26.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.199 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045355.D

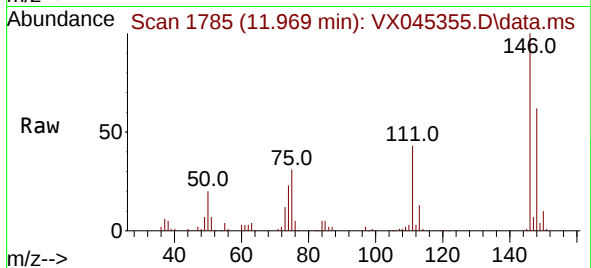
Acq: 20 Mar 2025 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01



Tgt Ion:146 Resp: 41784

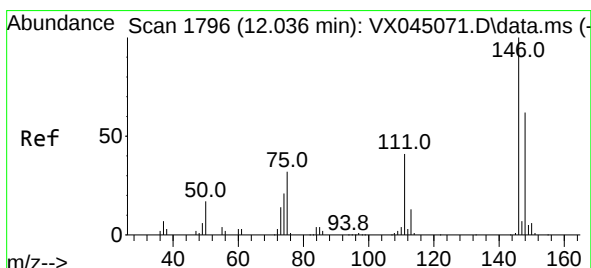
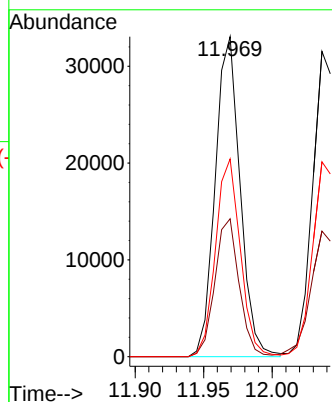
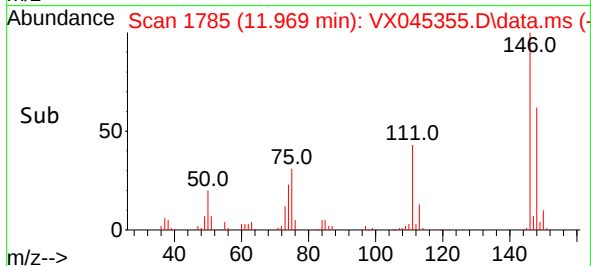
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.4
148	61.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#88

1,4-Dichlorobenzene

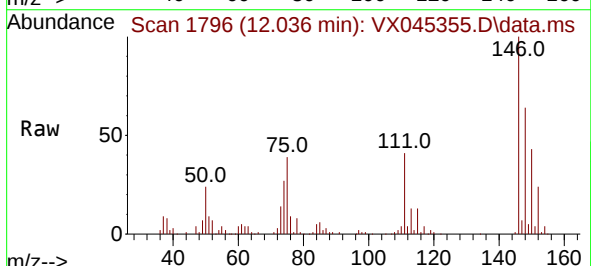
Concen: 18.817 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

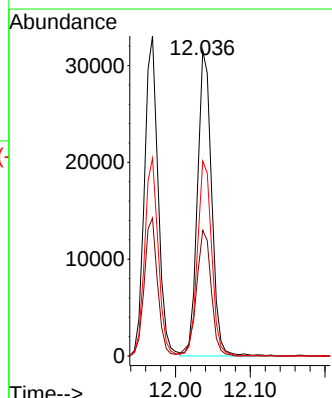
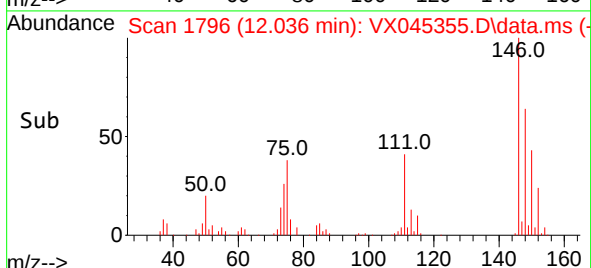
Lab File: VX045355.D

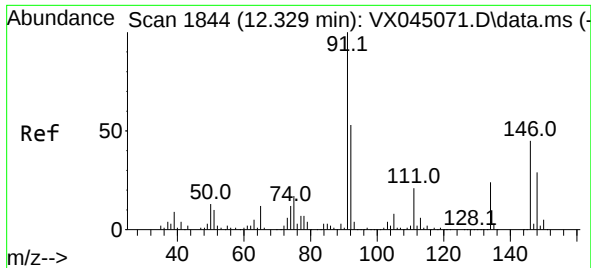
Acq: 20 Mar 2025 12:53



Tgt Ion:146 Resp: 41434

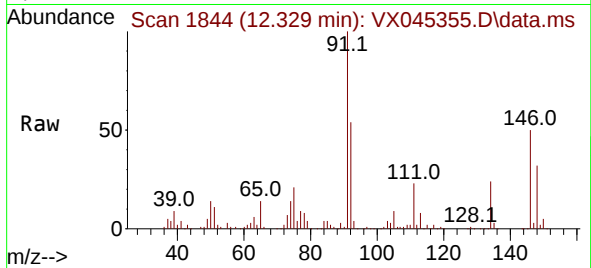
Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.2	60.5
148	63.9	31.9	95.9





#89
n-Butylbenzene
Concen: 19.814 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

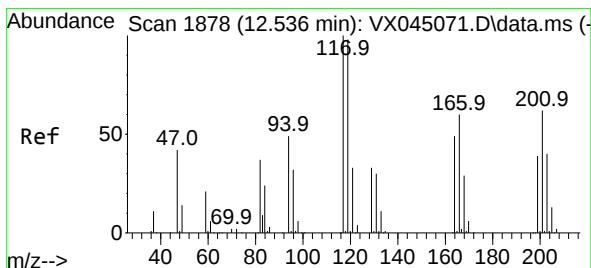
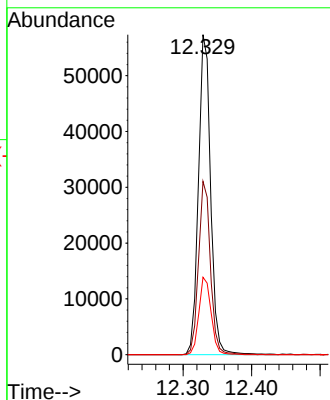
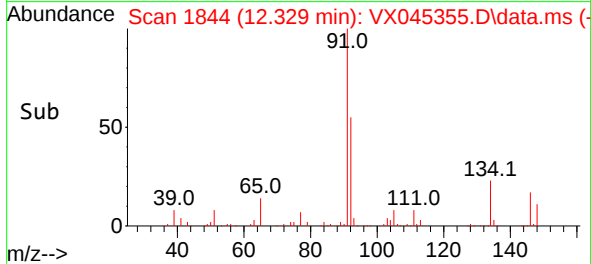
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 91 Resp: 70969
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 24.4 12.2 36.6

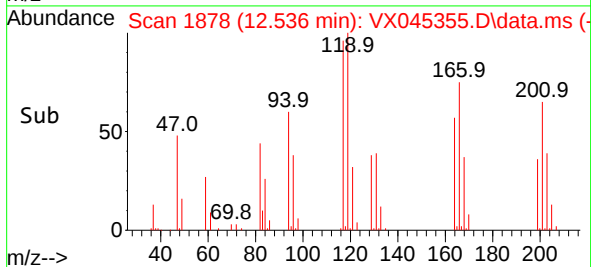
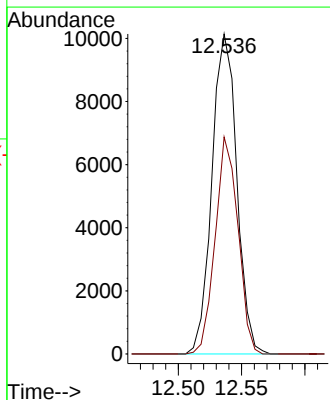
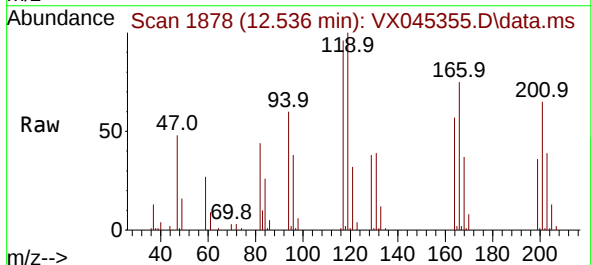
Manual Integrations
APPROVED

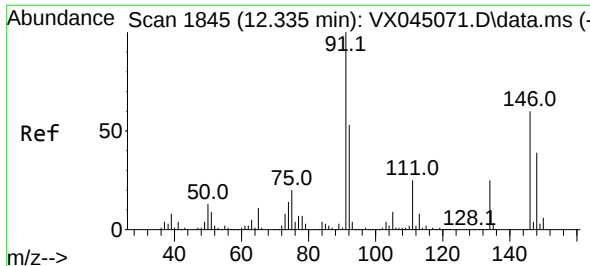
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#90
Hexachloroethane
Concen: 18.401 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

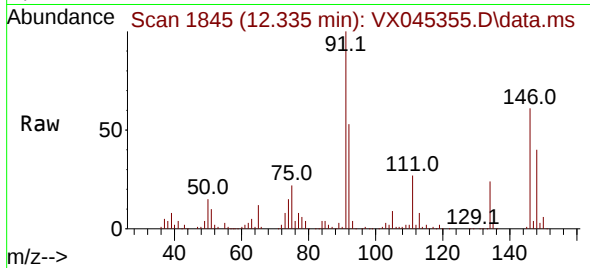
Tgt Ion:117 Resp: 13841
Ion Ratio Lower Upper
117 100
201 62.1 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 19.219 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

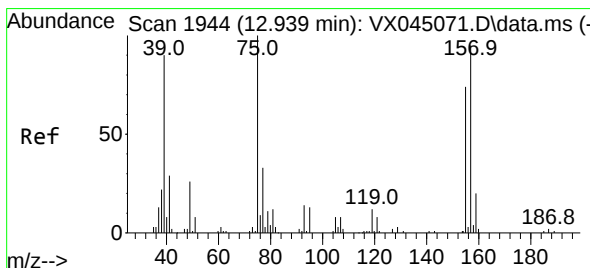
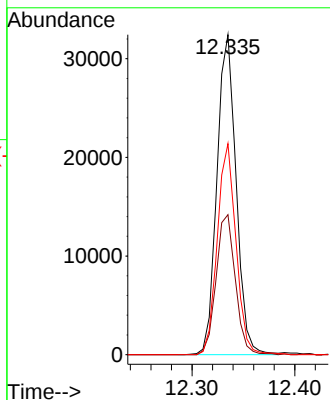
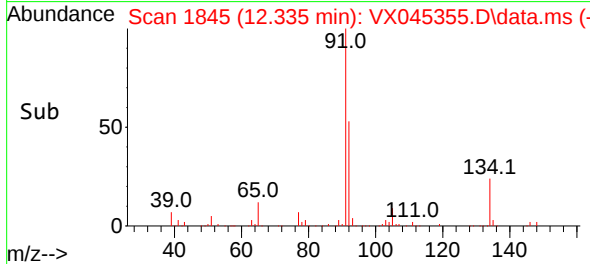
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



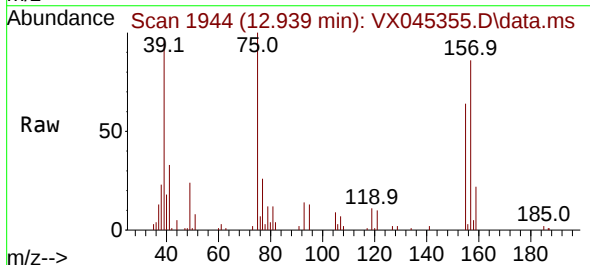
Tgt Ion:146 Resp: 41960
Ion Ratio Lower Upper
146 100
111 44.0 21.6 65.0
148 64.3 31.9 95.9

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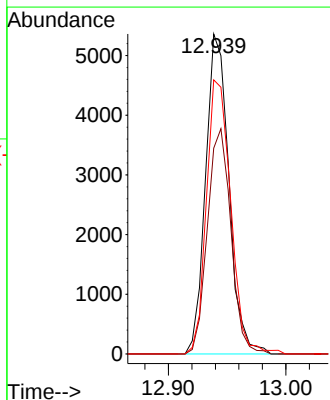
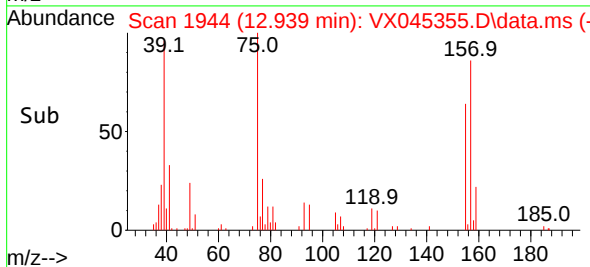
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

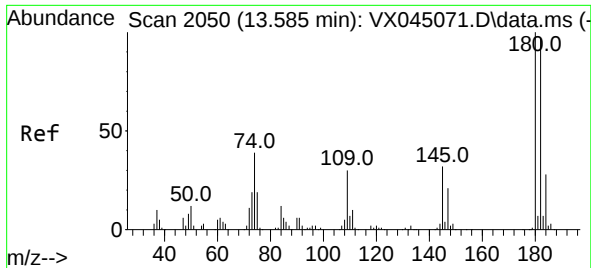


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.964 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



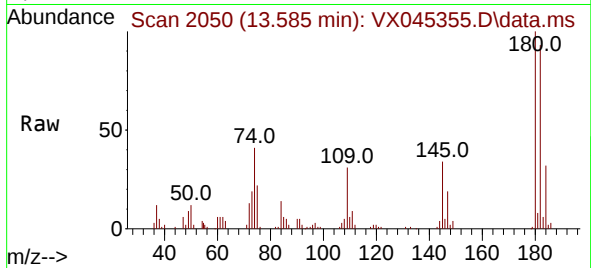
Tgt Ion: 75 Resp: 7380
Ion Ratio Lower Upper
75 100
155 71.1 39.6 118.7
157 89.4 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 17.883 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

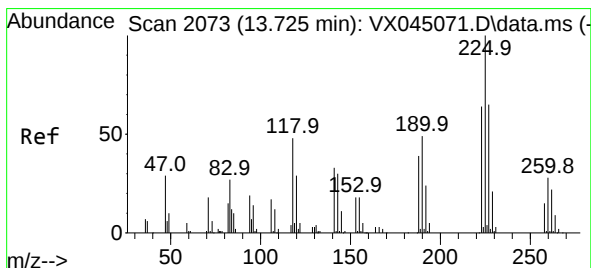
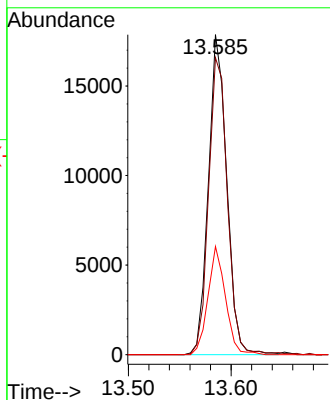
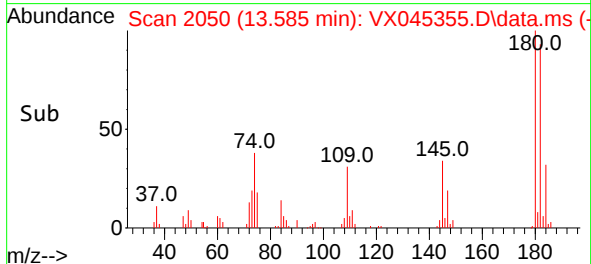
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



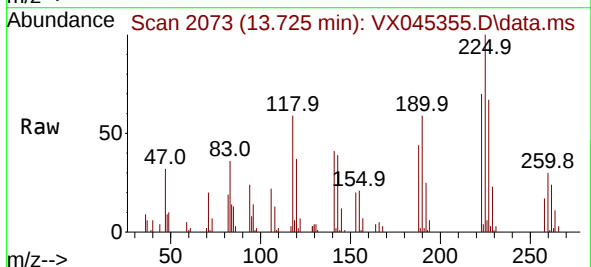
Tgt Ion:180 Resp: 2223
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 32.4 16.3 48.9

Manual Integrations
APPROVED

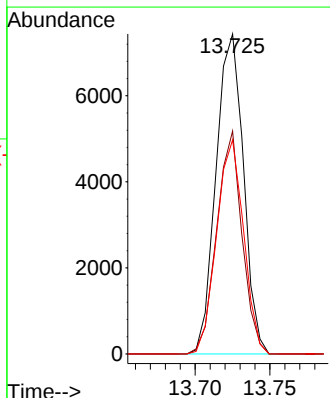
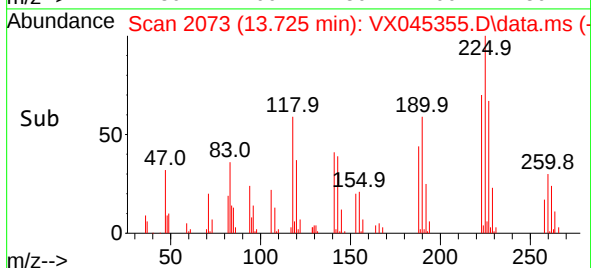
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

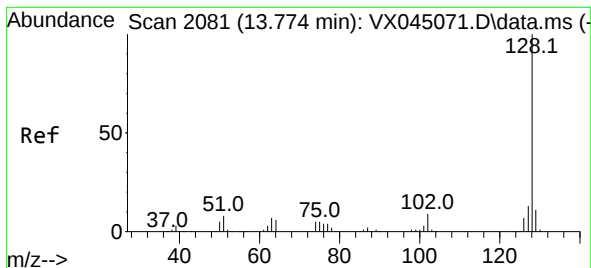


#94
Hexachlorobutadiene
Concen: 18.594 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



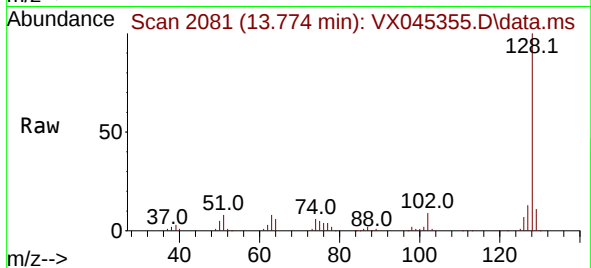
Tgt Ion:225 Resp: 9477
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.7
227 65.8 31.4 94.0





#95
Naphthalene
Concen: 17.927 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53

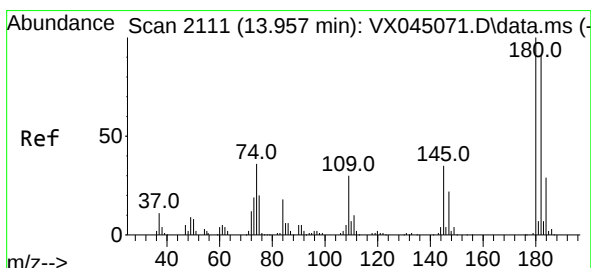
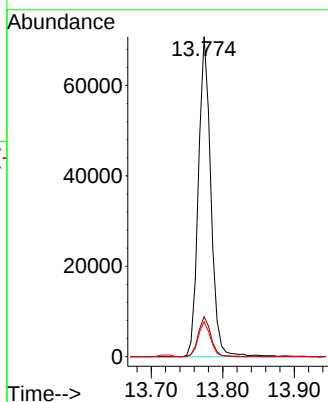
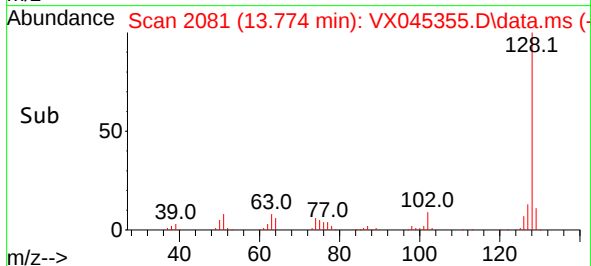
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



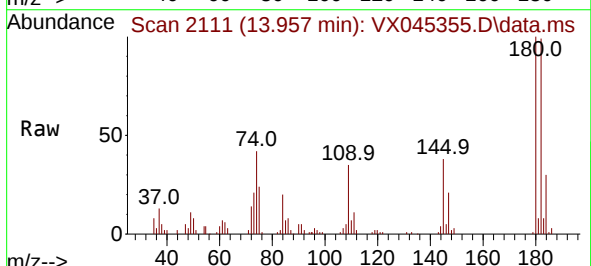
Tgt Ion:128 Resp: 85629
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 17.843 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045355.D
Acq: 20 Mar 2025 12:53



Tgt Ion:180 Resp: 23401
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.6
145 35.5 17.0 50.9

