

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044890.D
 Acq On : 10 Feb 2025 19:09
 Operator : JC/MD
 Sample : Q1250-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-360-362MSD

Quant Time: Feb 11 06:10:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	113791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209107	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	187126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83637	50.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.420%			
35) Dibromofluoromethane	5.379	113	68564	50.432	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	8.647	98	262105	50.983	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.960%			
62) 4-Bromofluorobenzene	11.079	95	89489	51.634	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78826	49.391	ug/l	98
3) Chloromethane	1.301	50	95026	48.921	ug/l	99
4) Vinyl Chloride	1.374	62	90123	47.892	ug/l	97
5) Bromomethane	1.593	94	28276	50.214	ug/l	96
6) Chloroethane	1.666	64	37847	52.291	ug/l	100
7) Trichlorofluoromethane	1.868	101	117710	49.463	ug/l	98
8) Diethyl Ether	2.136	74	42019	48.687	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	71305	49.592	ug/l	100
10) Methyl Iodide	2.441	142	95751	51.384	ug/l	98
11) Tert butyl alcohol	2.983	59	73611	238.212	ug/l	100
12) 1,1-Dichloroethene	2.306	96	73604	50.184	ug/l	98
13) Acrolein	2.233	56	83823	262.912	ug/l	99
14) Allyl chloride	2.654	41	132495	49.986	ug/l	99
15) Acrylonitrile	3.062	53	220250	266.950	ug/l	98
16) Acetone	2.386	43	177115	264.499	ug/l	97
17) Carbon Disulfide	2.502	76	198280	49.300	ug/l	99
18) Methyl Acetate	2.703	43	109722	51.925	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	238457	51.100	ug/l	100
20) Methylene Chloride	2.782	84	82466	50.279	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	73300	50.779	ug/l	97
22) Diisopropyl ether	3.757	45	260970	52.041	ug/l	98
23) Vinyl Acetate	3.715	43	1042522	255.003	ug/l	100
24) 1,1-Dichloroethane	3.599	63	143563	51.164	ug/l	98
25) 2-Butanone	4.556	43	297195	273.321	ug/l	98
26) 2,2-Dichloropropane	4.471	77	103076	46.322	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	87985	50.743	ug/l	99
28) Bromochloromethane	4.891	49	70338	52.162	ug/l	99
29) Tetrahydrofuran	5.001	42	190541	263.899	ug/l	99
30) Chloroform	5.086	83	138285	50.818	ug/l	98
31) Cyclohexane	5.458	56	125809	48.635	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	117714	51.000	ug/l	100
36) 1,1-Dichloropropene	5.684	75	97836	49.879	ug/l	100
37) Ethyl Acetate	4.708	43	109948	50.396	ug/l	100
38) Carbon Tetrachloride	5.666	117	97095	50.515	ug/l	97
39) Methylcyclohexane	7.373	83	124496	49.094	ug/l	95
40) Benzene	6.031	78	314426	51.337	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	63424	54.311	ug/l	98
42) 1,2-Dichloroethane	6.080	62	101207	51.847	ug/l	99
43) Isopropyl Acetate	6.336	43	185380	52.618	ug/l	100
44) Trichloroethene	7.123	130	71692	51.210	ug/l	100
45) 1,2-Dichloropropane	7.428	63	78085	51.245	ug/l	99
46) Dibromomethane	7.580	93	54189	51.280	ug/l	99
47) Bromodichloromethane	7.818	83	107116	52.350	ug/l	100
48) Methyl methacrylate	7.690	41	89624	53.952	ug/l	99
49) 1,4-Dioxane	7.665	88	32411	909.384	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	601637	280.896	ug/l	100
52) Toluene	8.714	92	189112	51.845	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	107202	51.774	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	121253	52.522	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	73710	52.567	ug/l	98
56) Ethyl methacrylate	9.116	69	125529	55.428	ug/l	99
57) 1,3-Dichloropropane	9.305	76	128784	52.491	ug/l	100
59) 2-Hexanone	9.427	43	439312	284.672	ug/l	99
60) Dibromochloromethane	9.519	129	79194	52.810	ug/l	99
61) 1,2-Dibromoethane	9.604	107	75331	53.005	ug/l	99
64) Tetrachloroethene	9.269	164	57220	48.487	ug/l	99
65) Chlorobenzene	10.073	112	203096	50.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65857	50.908	ug/l	99
67) Ethyl Benzene	10.189	91	357538	50.410	ug/l	98
68) m/p-Xylenes	10.299	106	269804	103.122	ug/l	98
69) o-Xylene	10.640	106	132356	50.416	ug/l	99
70) Styrene	10.653	104	222298	52.558	ug/l	100
71) Bromoform	10.799	173	51369	53.207	ug/l #	100
73) Isopropylbenzene	10.957	105	338076	50.586	ug/l	100
74) N-amyl acetate	10.842	43	160948	53.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	116145	50.574	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95889m	52.106	ug/l	
77) Bromobenzene	11.195	156	77264	50.993	ug/l	98
78) n-propylbenzene	11.299	91	393286	50.983	ug/l	100
79) 2-Chlorotoluene	11.360	91	235674	49.710	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	275124	50.729	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35443	49.543	ug/l	98
82) 4-Chlorotoluene	11.451	91	265431	50.605	ug/l	99
83) tert-Butylbenzene	11.713	119	275996	50.304	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	278162	51.965	ug/l	100
85) sec-Butylbenzene	11.890	105	342516	50.415	ug/l	99
86) p-Isopropyltoluene	12.006	119	275690	50.460	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	139069	49.911	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	138481	49.155	ug/l	100
89) n-Butylbenzene	12.329	91	245231	50.735	ug/l	99
90) Hexachloroethane	12.536	117	49761	48.641	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	141511	51.675	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22744	54.263	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	79208	47.800	ug/l	98
94) Hexachlorobutadiene	13.719	225	28426	43.212	ug/l	98
95) Naphthalene	13.774	128	315005	52.588	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	84666	50.706	ug/l	98

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MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD

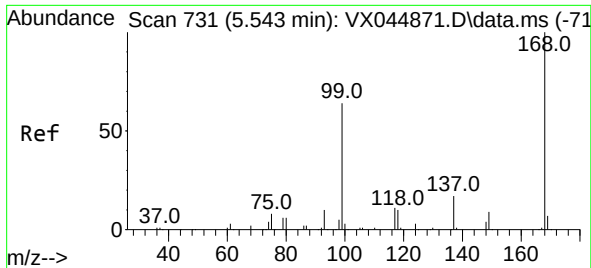
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
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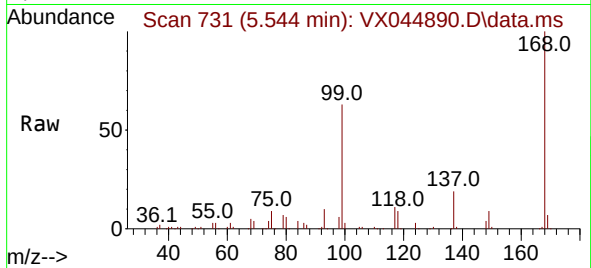
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044890.D
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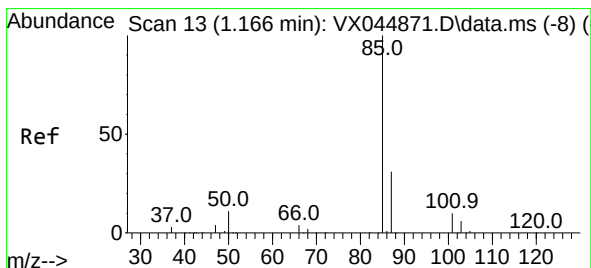
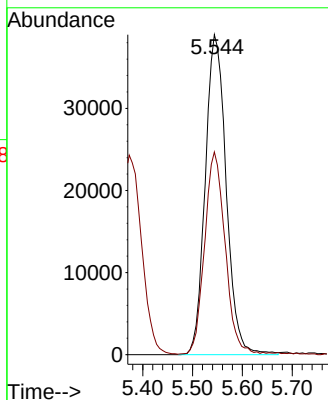
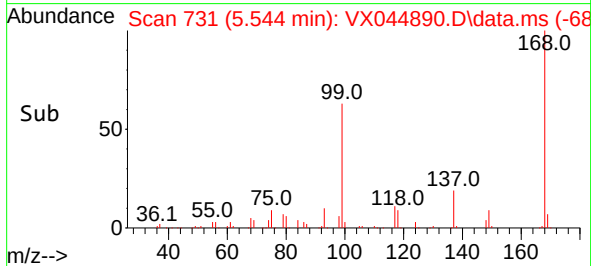
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



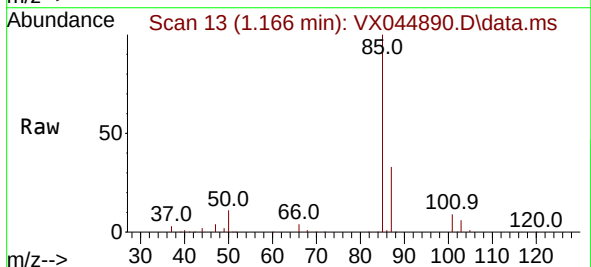
Tgt Ion:168 Resp: 11379
Ion Ratio Lower Upper
168 100
99 63.2 51.2 76.8

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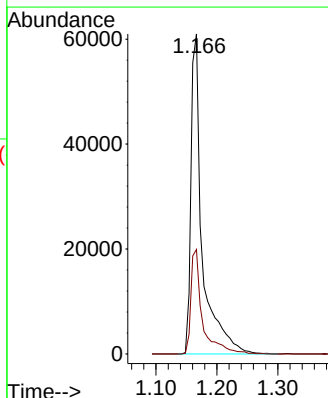
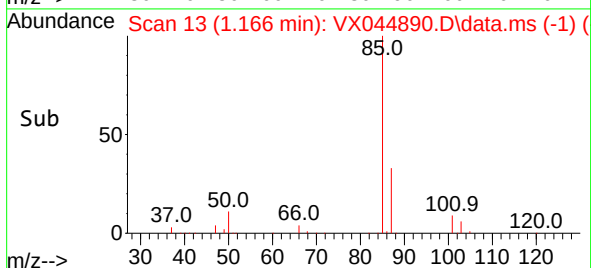
Reviewed By :John Carlone 02/11/2025
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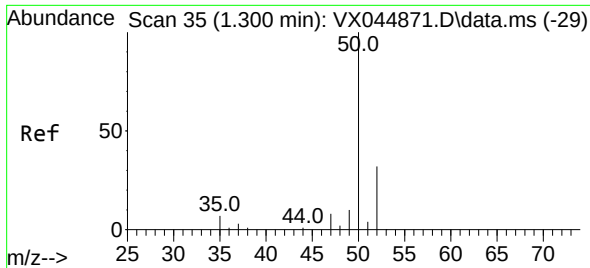


#2
Dichlorodifluoromethane
Concen: 49.391 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09



Tgt Ion: 85 Resp: 78826
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3





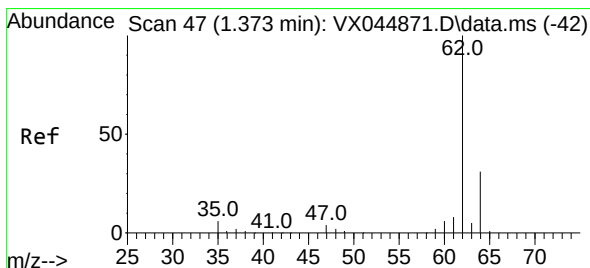
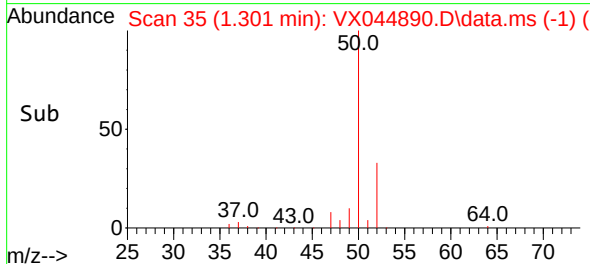
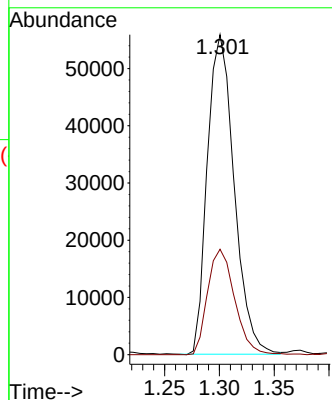
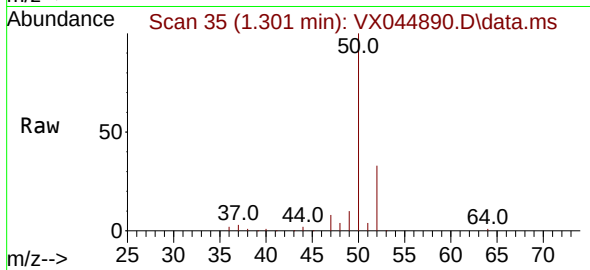
#3
Chloromethane
Concen: 48.921 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

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Tgt Ion: 50 Resp: 95020
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

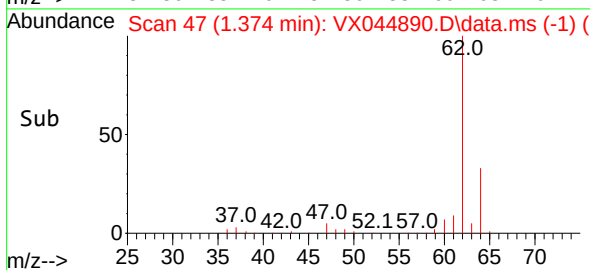
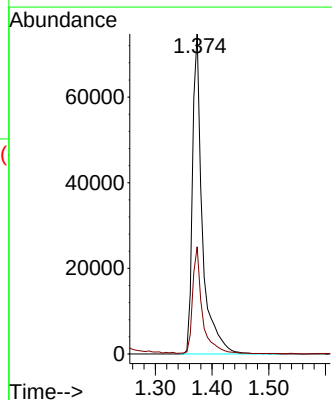
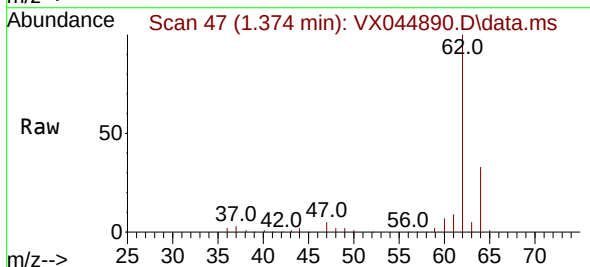
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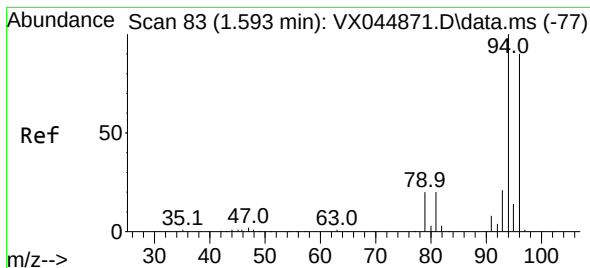
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#4
Vinyl Chloride
Concen: 47.892 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion: 62 Resp: 90123
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0





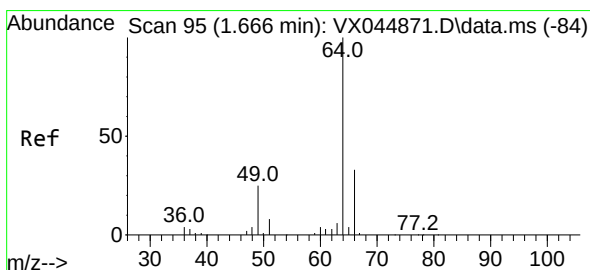
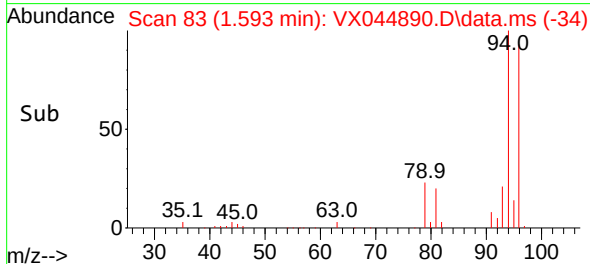
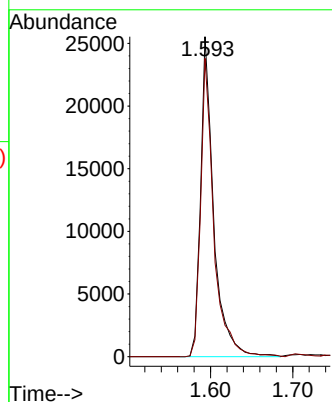
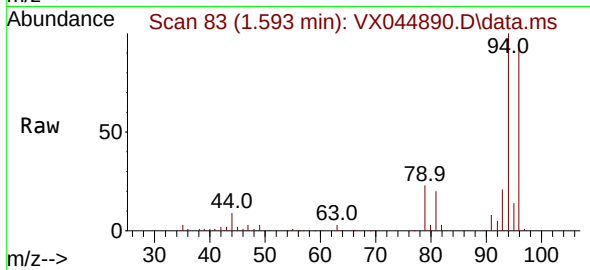
#5
Bromomethane
Concen: 50.214 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

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MSVOA_X
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Tgt Ion: 94 Resp: 28270
Ion Ratio Lower Upper
94 100
96 93.2 71.6 107.4

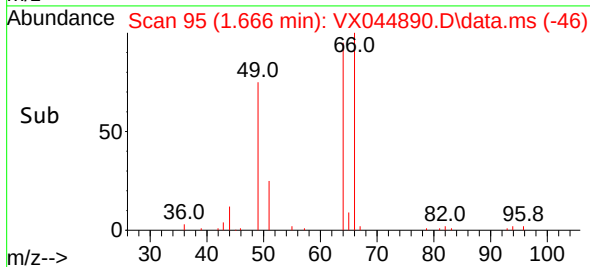
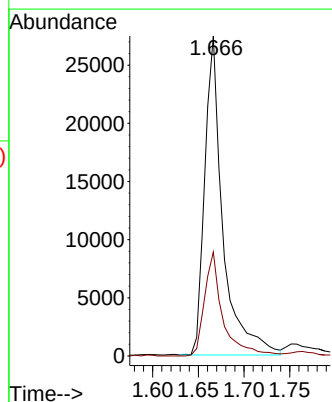
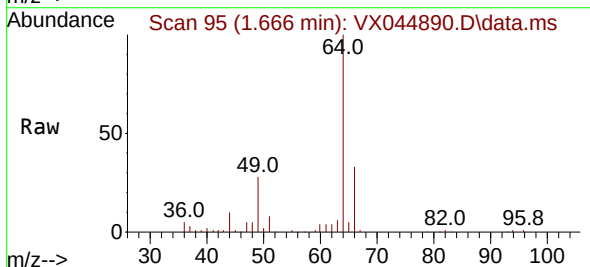
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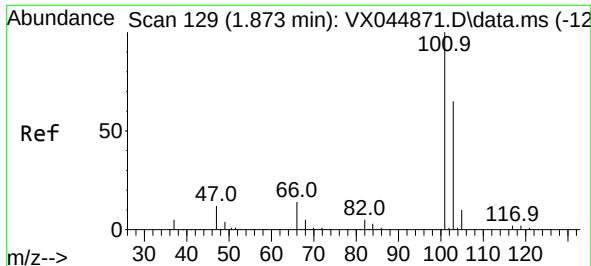
Reviewed By :John Carlone 02/11/2025
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#6
Chloroethane
Concen: 52.291 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044890.D
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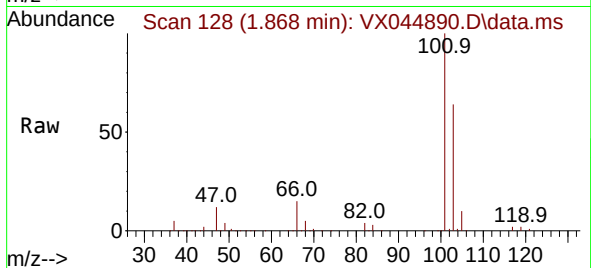
Tgt Ion: 64 Resp: 37847
Ion Ratio Lower Upper
64 100
66 32.6 25.9 38.9





#7
Trichlorofluoromethane
Concen: 49.463 ug/l
RT: 1.868 min Scan# 117
Delta R.T. -0.005 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

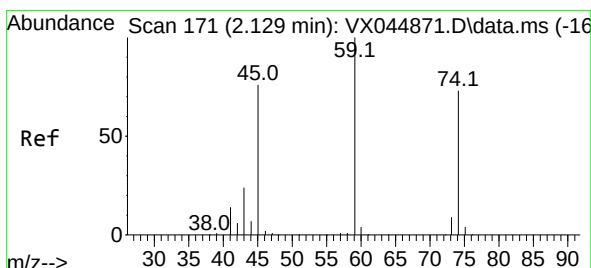
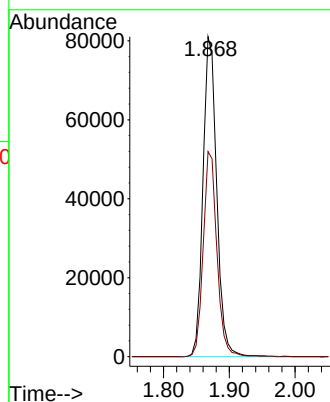
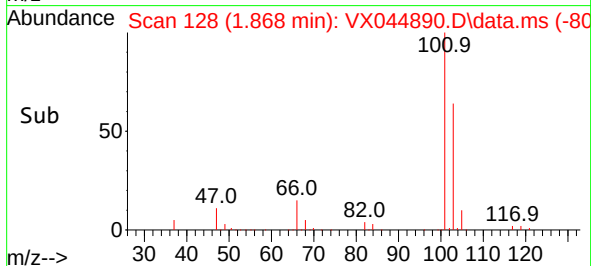
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MSVOA_X
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BP-VPB-192-GW-360-362MSD



Tgt Ion:101 Resp: 117710
Ion Ratio Lower Upper
101 100
103 64.1 52.4 78.6

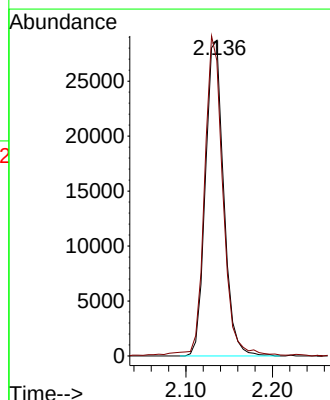
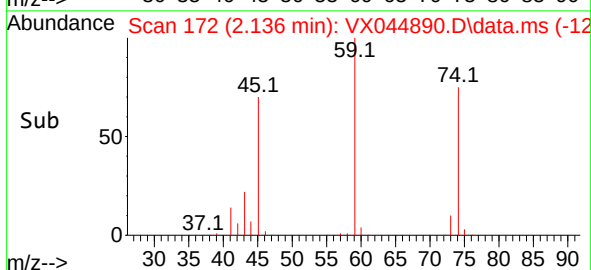
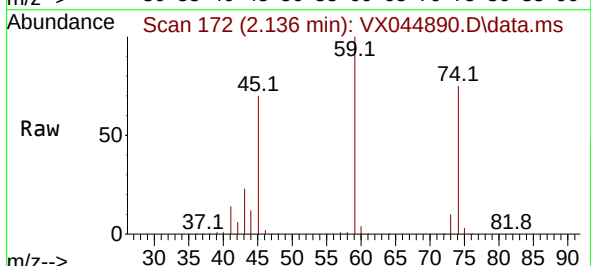
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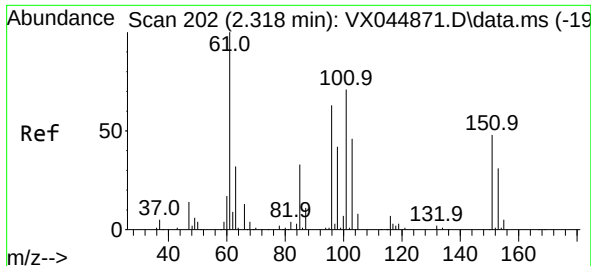
Reviewed By :John Carlone 02/11/2025
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#8
Diethyl Ether
Concen: 48.687 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion: 74 Resp: 42019
Ion Ratio Lower Upper
74 100
45 102.9 51.1 153.4





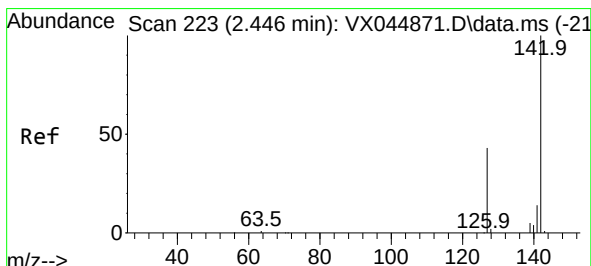
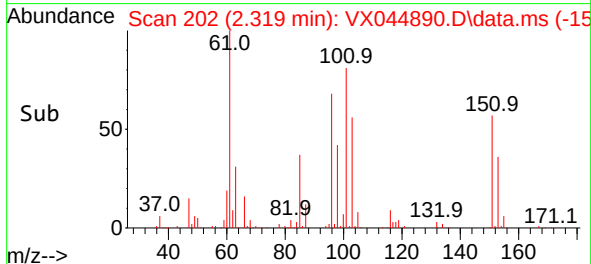
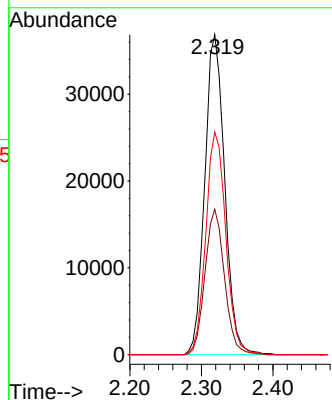
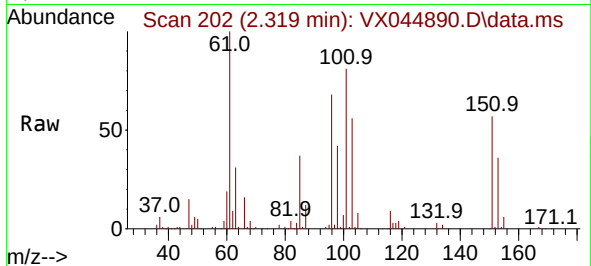
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.592 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD

Tgt Ion:101 Resp: 7130
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 70.2 56.0 84.0

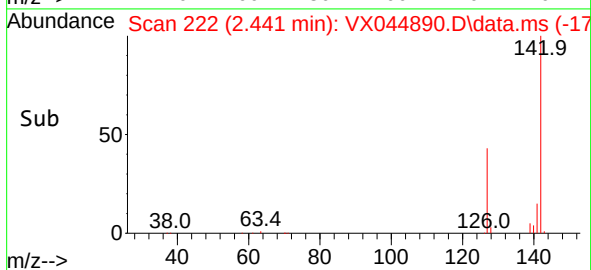
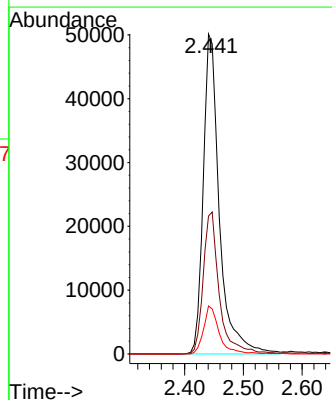
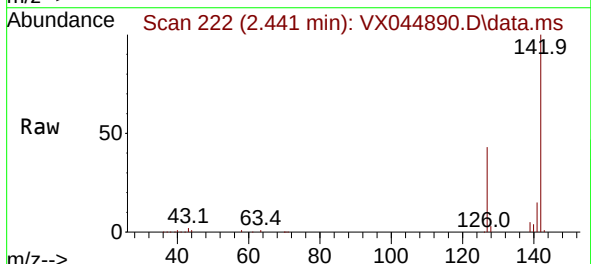
Manual Integrations
APPROVED

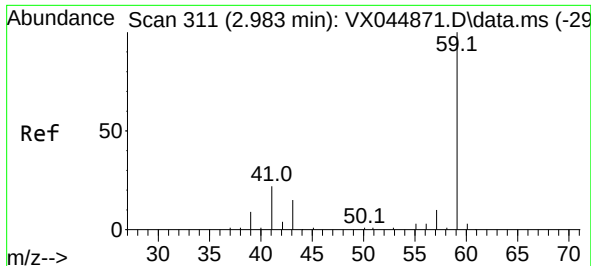
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#10
Methyl Iodide
Concen: 51.384 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

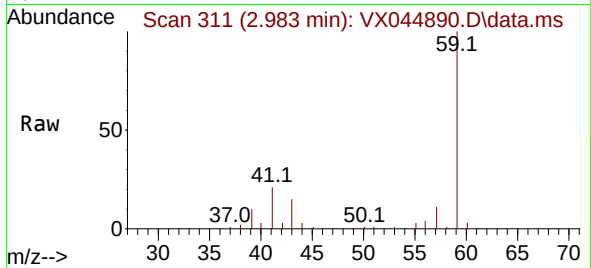
Tgt Ion:142 Resp: 95751
Ion Ratio Lower Upper
142 100
127 44.2 34.3 51.5
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 238.212 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

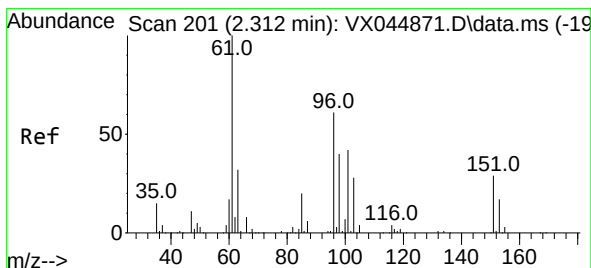
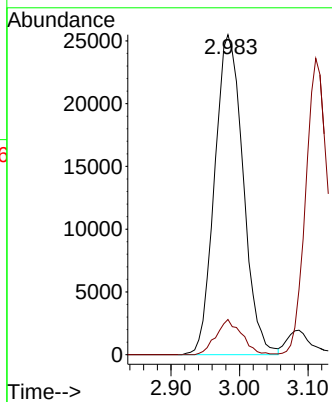
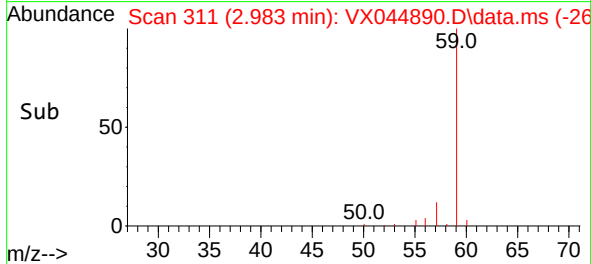
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



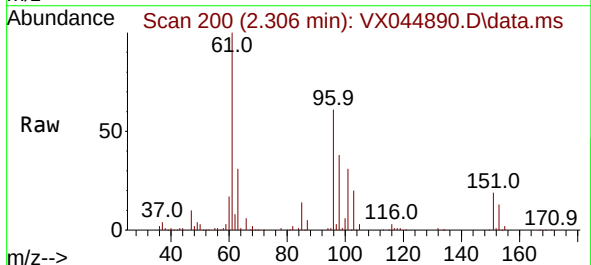
Tgt Ion: 59 Resp: 7361
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

Manual Integrations
APPROVED

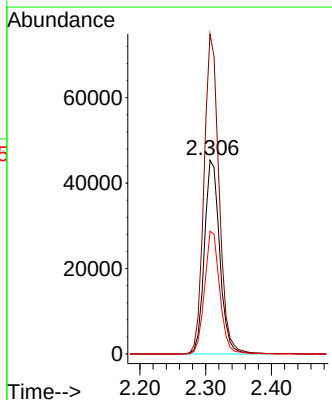
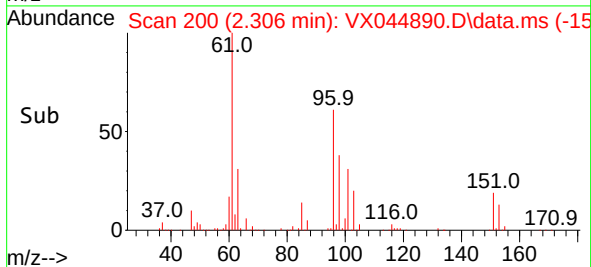
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

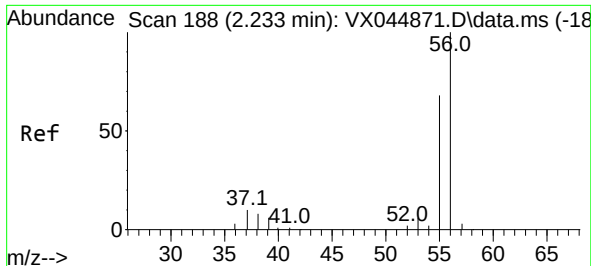


#12
1,1-Dichloroethene
Concen: 50.184 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09



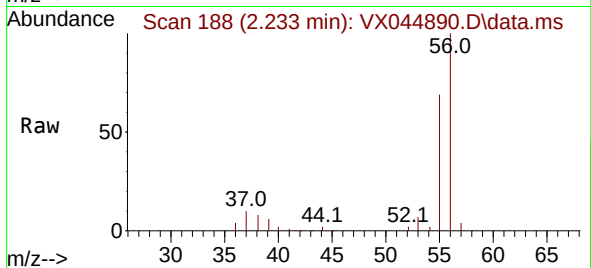
Tgt Ion: 96 Resp: 73604
Ion Ratio Lower Upper
96 100
61 165.3 130.2 195.4
98 63.4 52.2 78.4





#13
Acrolein
Concen: 262.912 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

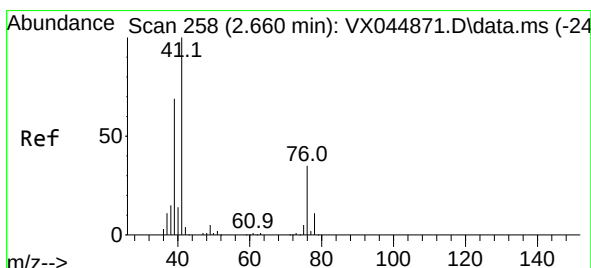
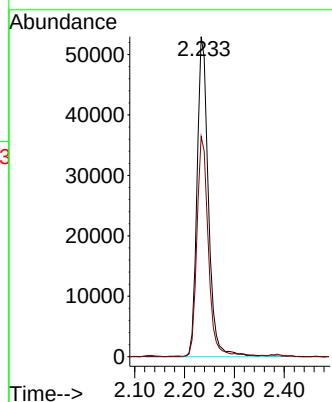
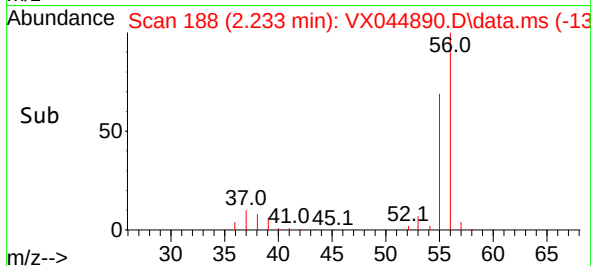
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 56 Resp: 8382
Ion Ratio Lower Upper
56 100
55 68.6 55.7 83.5

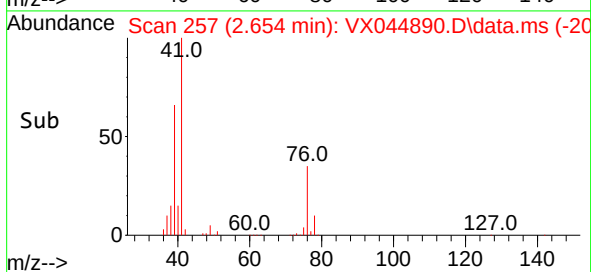
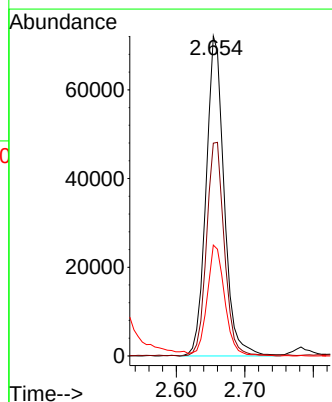
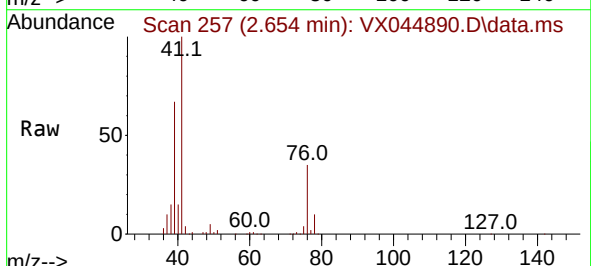
Manual Integrations
APPROVED

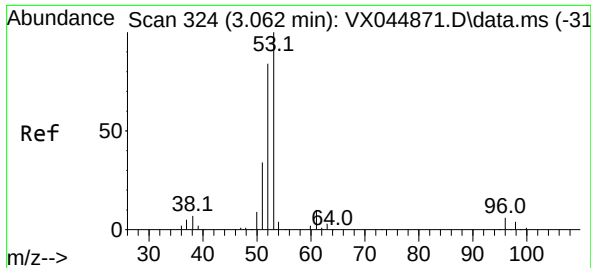
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#14
Allyl chloride
Concen: 49.986 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

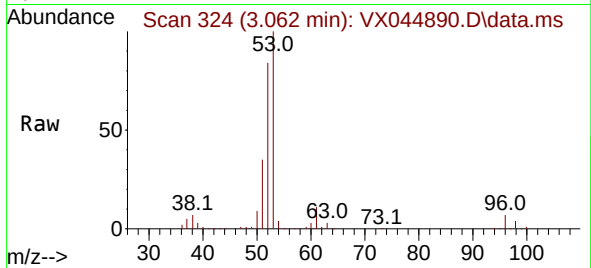
Tgt Ion: 41 Resp: 132495
Ion Ratio Lower Upper
41 100
39 65.8 51.4 77.2
76 33.8 27.0 40.4





#15
Acrylonitrile
Concen: 266.950 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

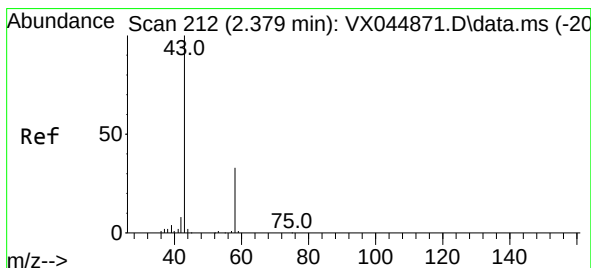
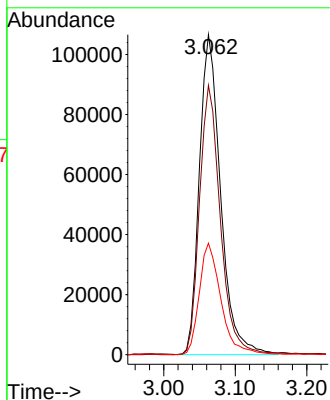
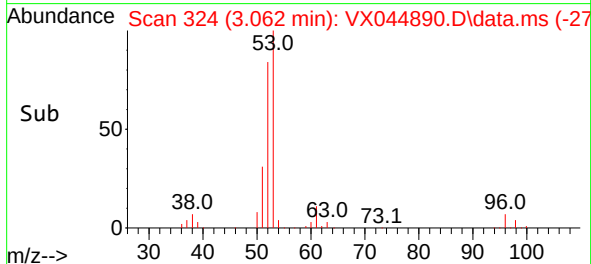
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 53 Resp: 220250
Ion Ratio Lower Upper
53 100
52 83.0 65.0 97.6
51 35.6 28.0 42.0

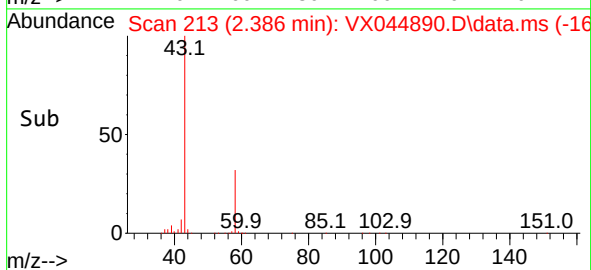
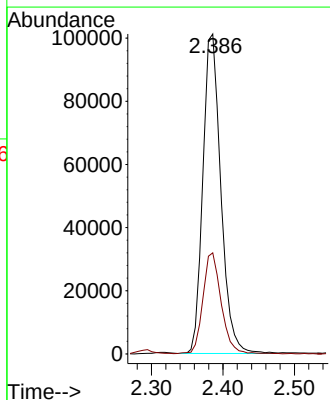
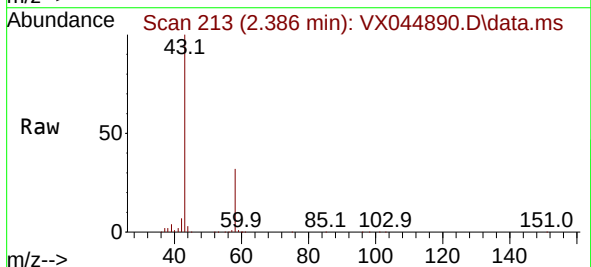
Manual Integrations
APPROVED

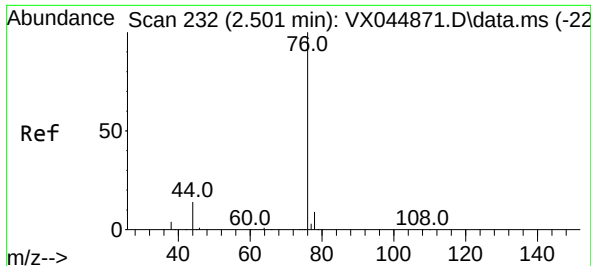
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#16
Acetone
Concen: 264.499 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

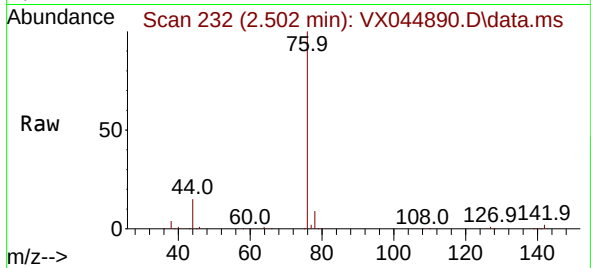
Tgt Ion: 43 Resp: 177115
Ion Ratio Lower Upper
43 100
58 31.5 26.5 39.7





#17
Carbon Disulfide
Concen: 49.300 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

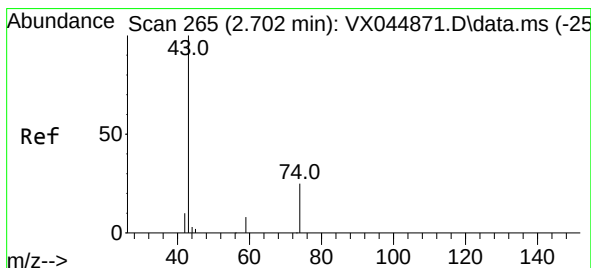
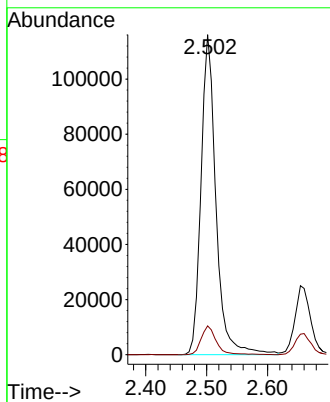
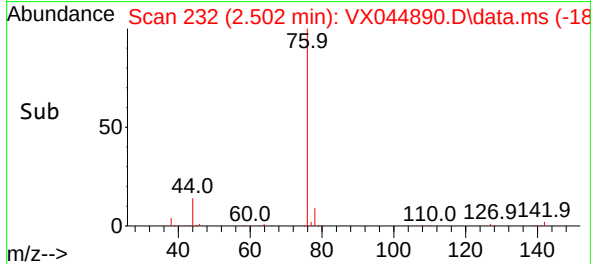
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 76 Resp: 198280
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

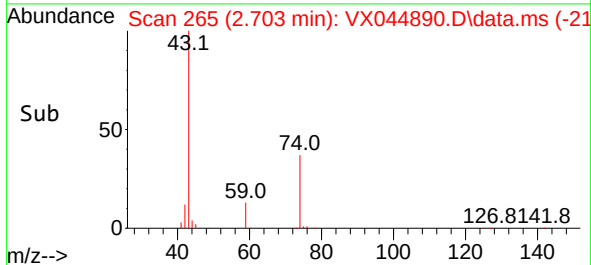
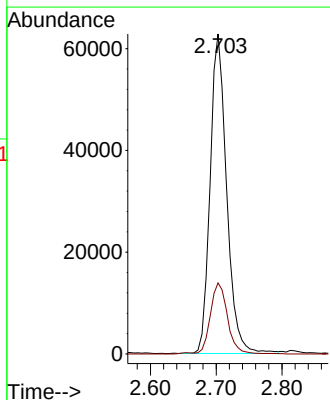
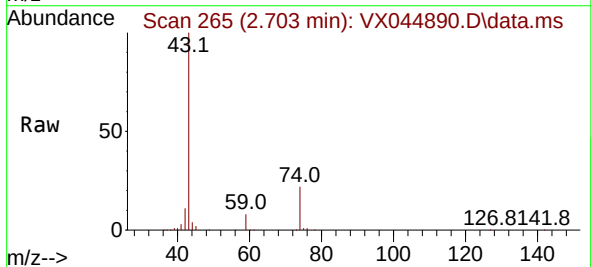
Manual Integrations
APPROVED

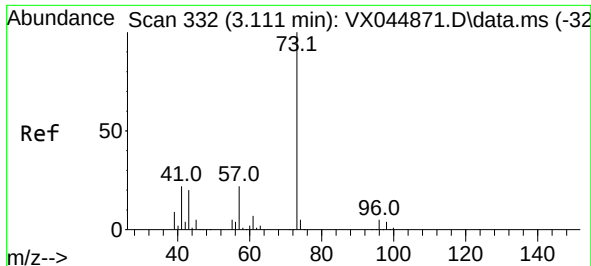
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#18
Methyl Acetate
Concen: 51.925 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

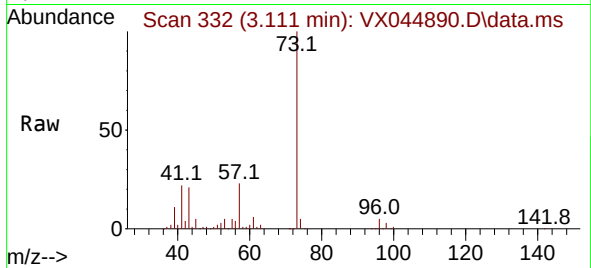
Tgt Ion: 43 Resp: 109722
Ion Ratio Lower Upper
43 100
74 23.0 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 51.100 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

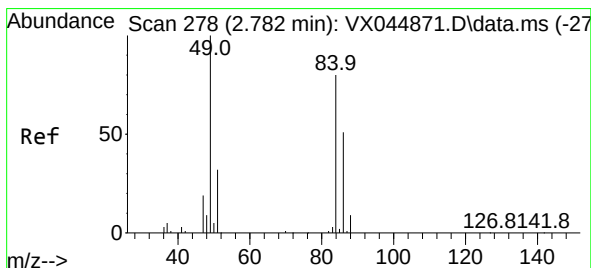
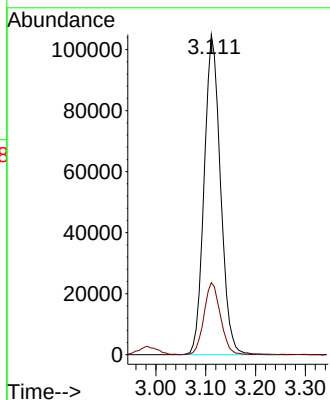
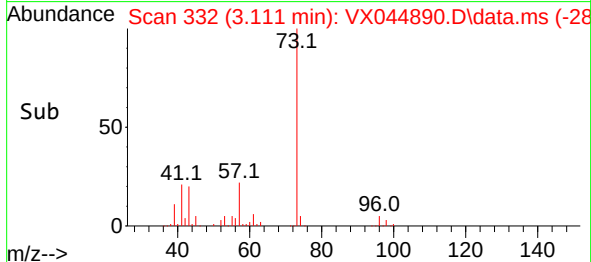
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 73 Resp: 23845
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9

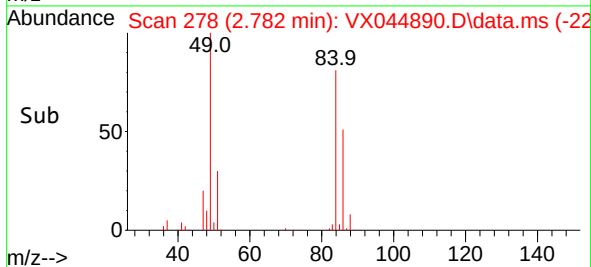
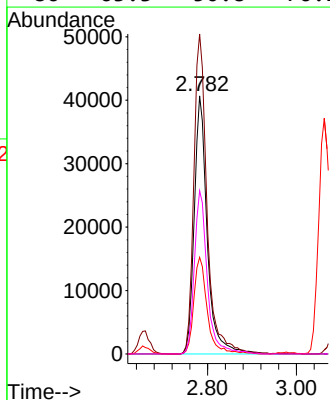
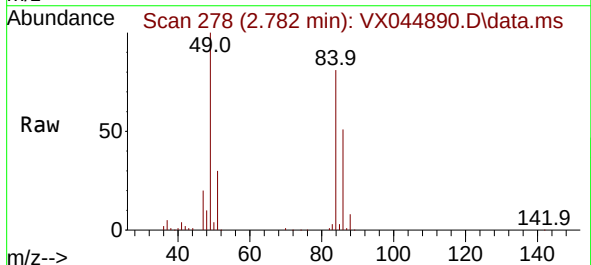
Manual Integrations
APPROVED

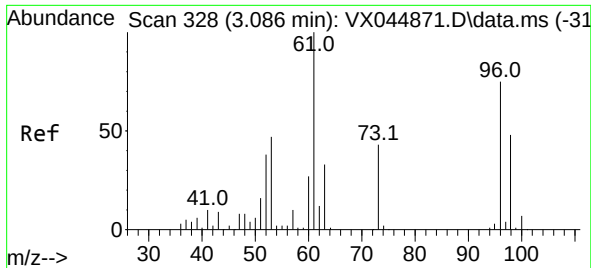
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 50.279 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

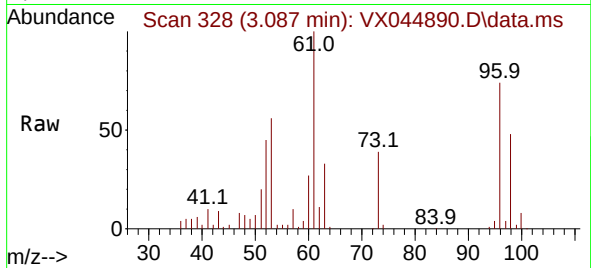
Tgt Ion: 84 Resp: 82466
Ion Ratio Lower Upper
84 100
49 124.0 100.1 150.1
51 37.4 31.7 47.5
86 63.3 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 50.779 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

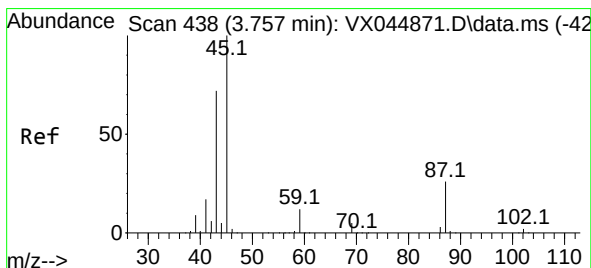
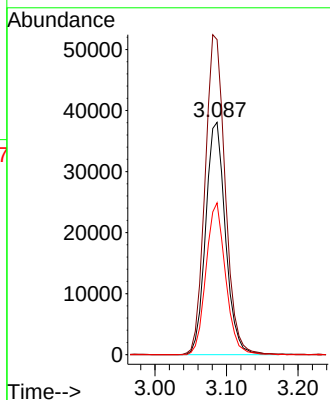
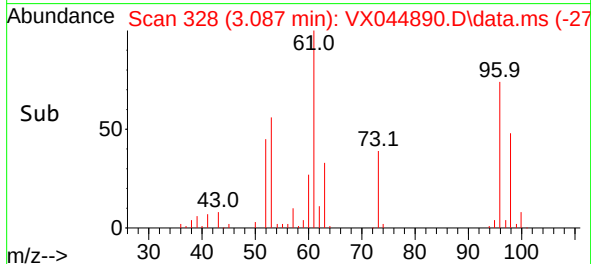
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 96 Resp: 73300
Ion Ratio Lower Upper
96 100
61 135.6 106.0 159.0
98 65.3 50.6 76.0

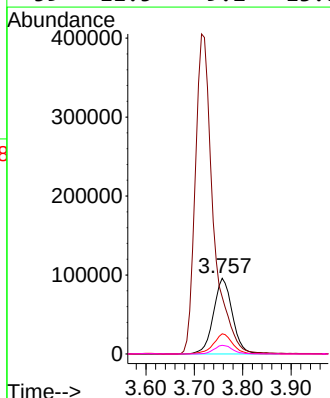
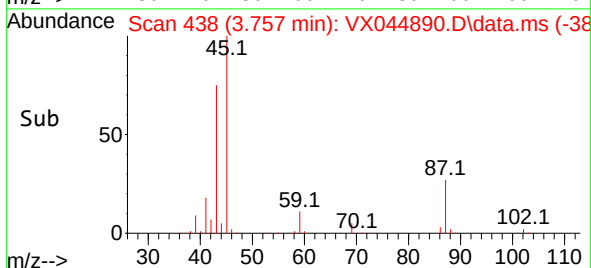
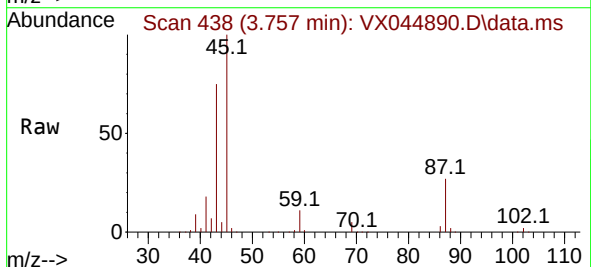
Manual Integrations
APPROVED

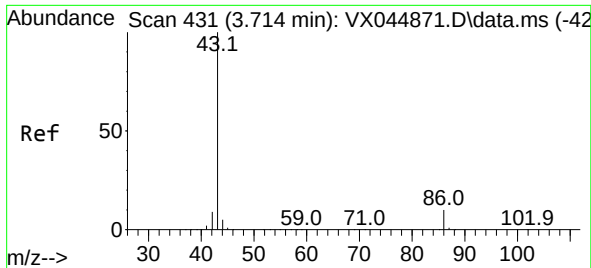
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#22
Diisopropyl ether
Concen: 52.041 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion: 45 Resp: 260970
Ion Ratio Lower Upper
45 100
43 75.2 58.0 87.0
87 26.6 20.7 31.1
59 11.5 9.2 13.8





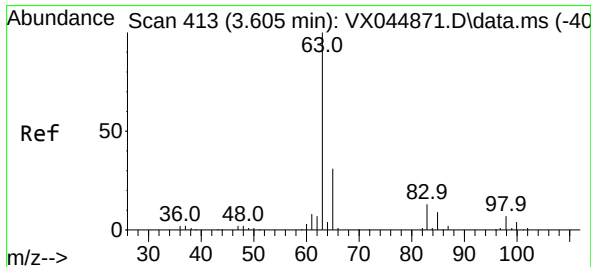
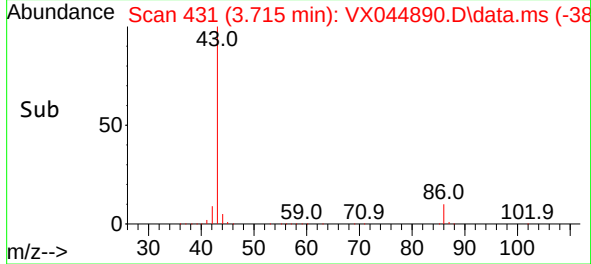
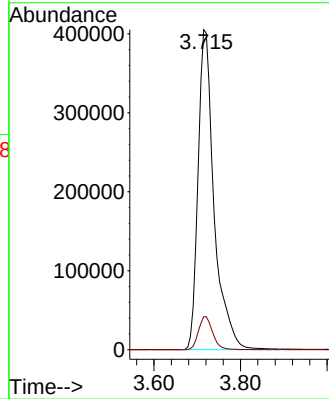
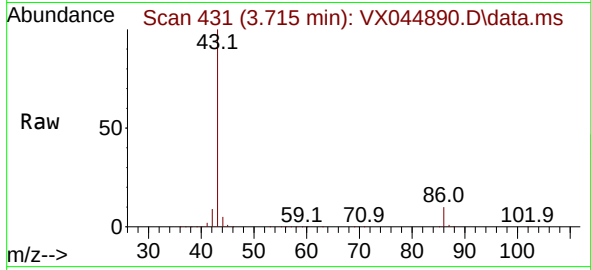
#23
 Vinyl Acetate
 Concen: 255.003 ug/l
 RT: 3.715 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VX044890.D
 Acq: 10 Feb 2025 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-360-362MSD

Tgt Ion: 43 Resp: 104252
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.3 12.5

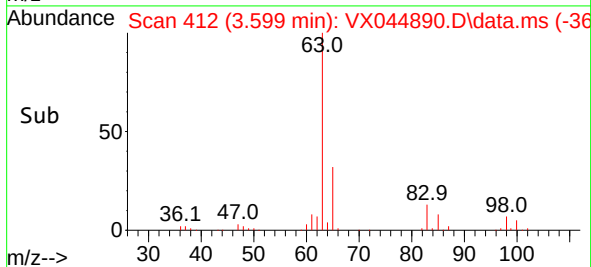
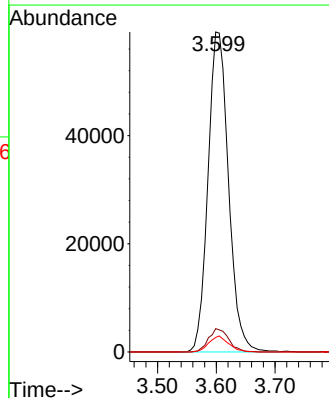
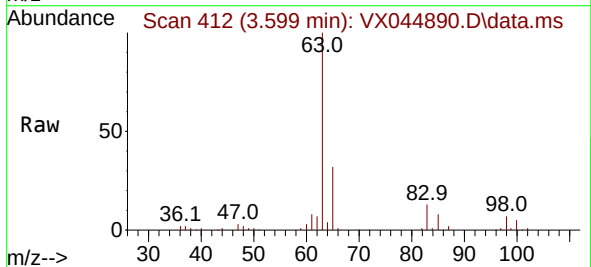
Manual Integrations
 APPROVED

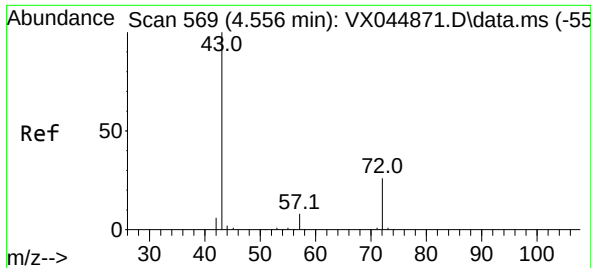
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#24
 1,1-Dichloroethane
 Concen: 51.164 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX044890.D
 Acq: 10 Feb 2025 19:09

Tgt Ion: 63 Resp: 143563
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.5 2.1 6.5





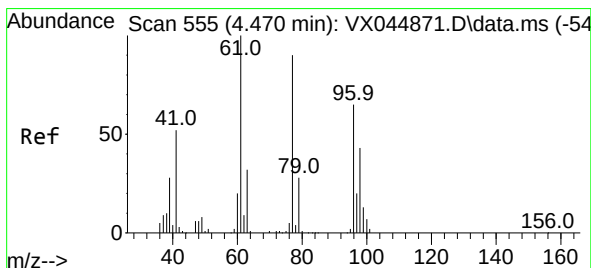
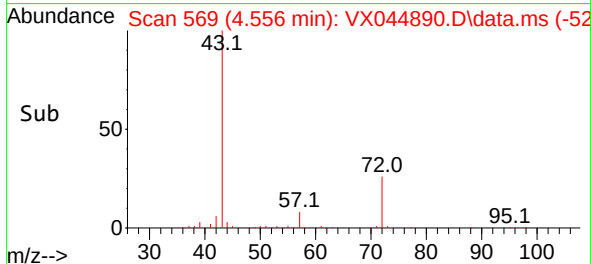
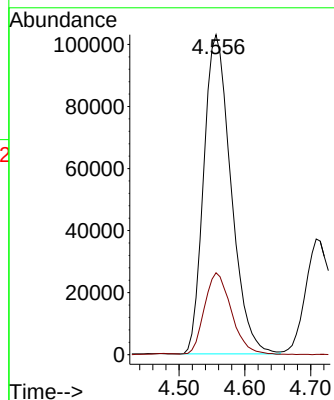
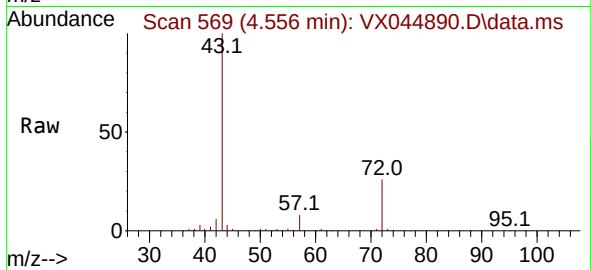
#25
2-Butanone
Concen: 273.321 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD

Tgt Ion: 43 Resp: 29719
Ion Ratio Lower Upper
43 100
72 25.5 21.2 31.8

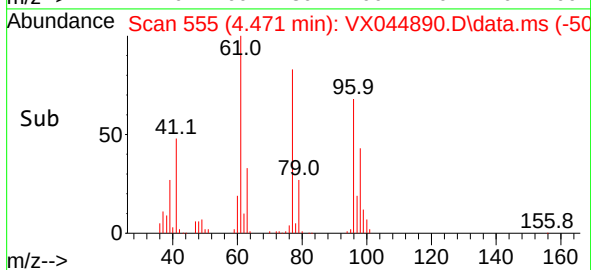
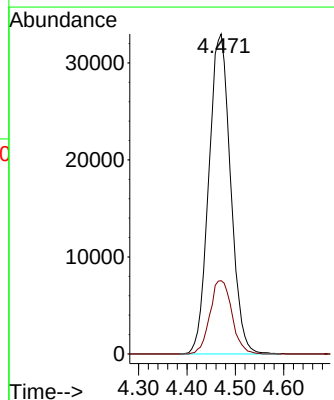
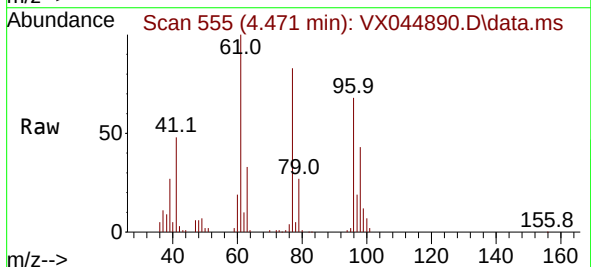
Manual Integrations
APPROVED

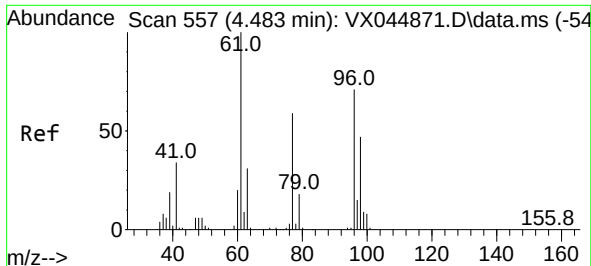
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#26
2,2-Dichloropropane
Concen: 46.322 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion: 77 Resp: 103076
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.743 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-360-362MSD

Tgt Ion: 96 Resp: 8798

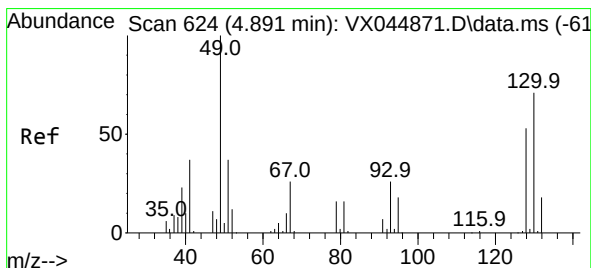
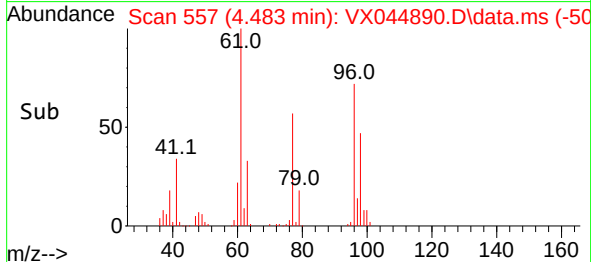
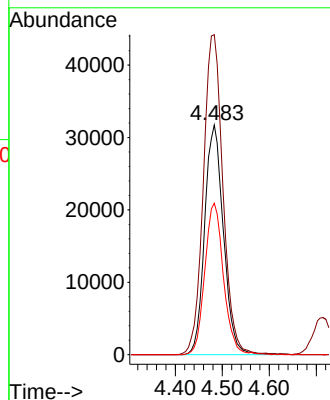
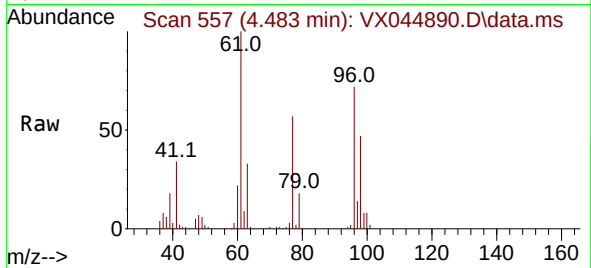
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	294.0
98	65.7	0.0	131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#28

Bromochloromethane

Concen: 52.162 ug/l

RT: 4.891 min Scan# 624

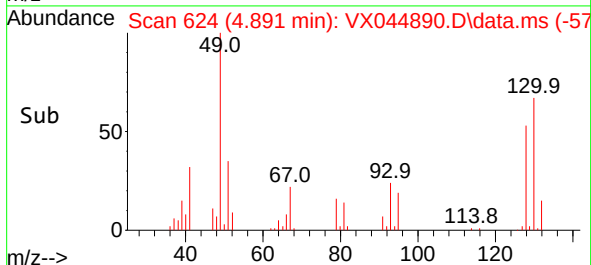
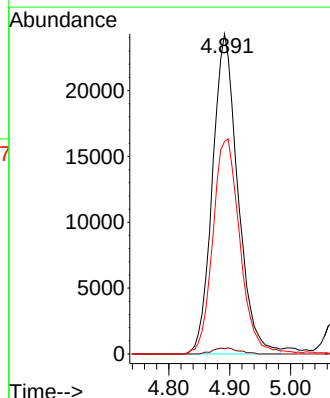
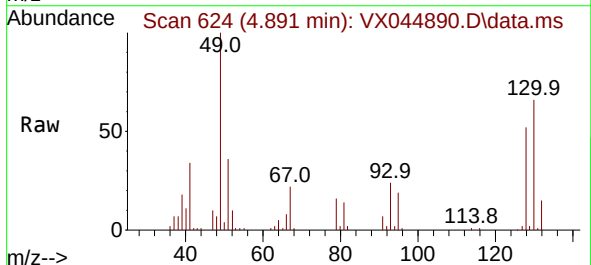
Delta R.T. 0.000 min

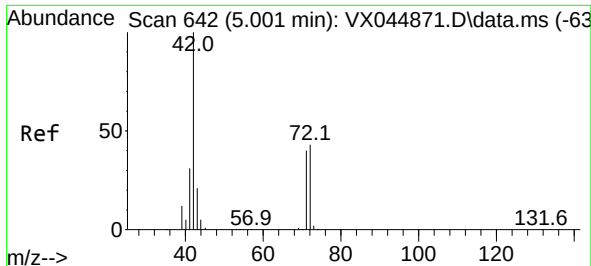
Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

Tgt Ion: 49 Resp: 70338

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	71.6	56.7	85.1





#29

Tetrahydrofuran

Concen: 263.899 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044890.D

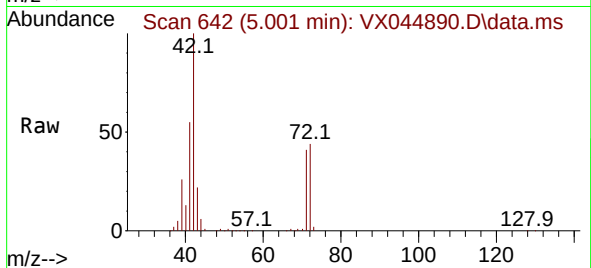
Acq: 10 Feb 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-360-362MSD



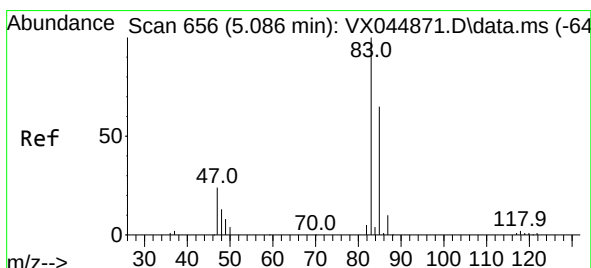
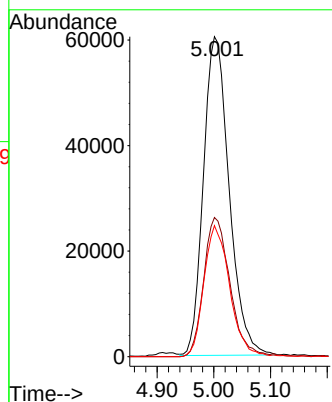
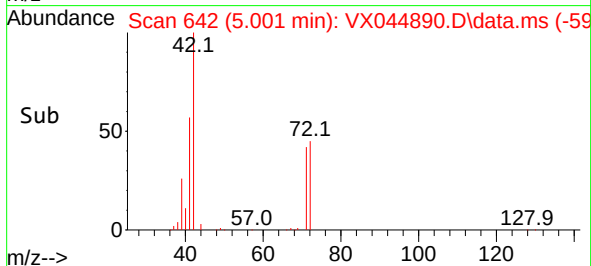
Tgt Ion:	42	Resp:	19054
Ion Ratio	Lower	Upper	
42	100		
72	44.7	35.0	52.4
71	41.4	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#30

Chloroform

Concen: 50.818 ug/l

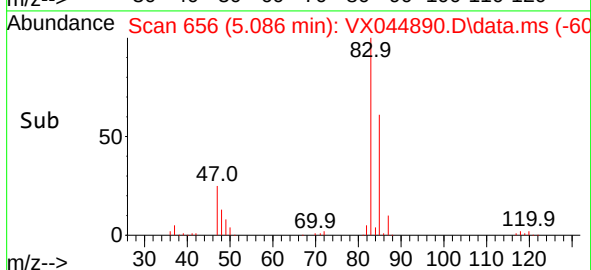
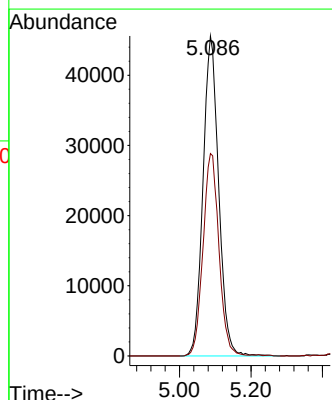
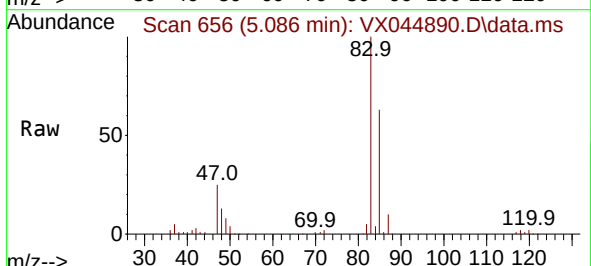
RT: 5.086 min Scan# 656

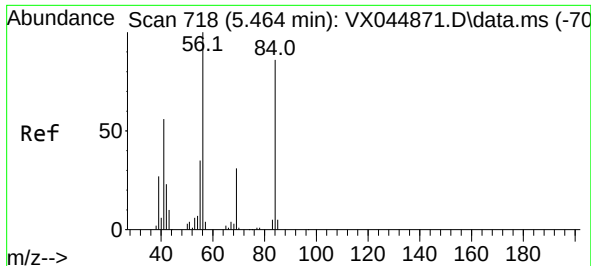
Delta R.T. 0.000 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

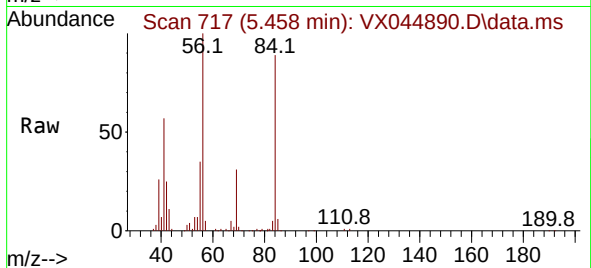
Tgt Ion:	83	Resp:	138285
Ion Ratio	Lower	Upper	
83	100		
85	63.2	52.1	78.1





#31
Cyclohexane
Concen: 48.635 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

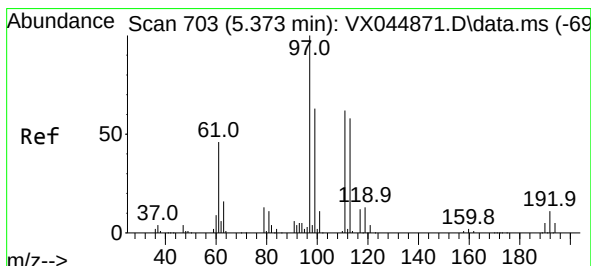
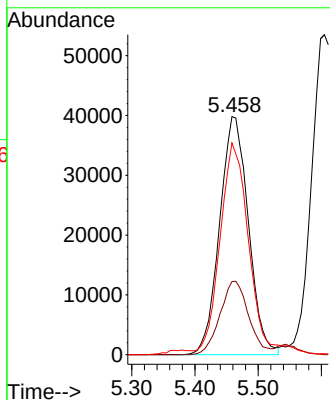
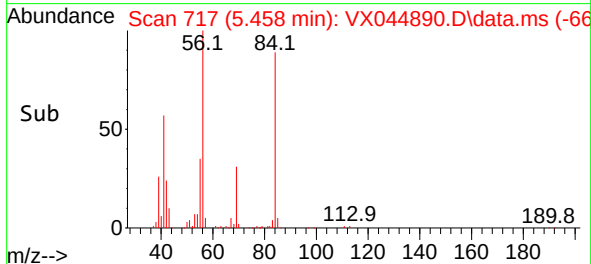
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 56 Resp: 125809
Ion Ratio Lower Upper
56 100
69 30.7 24.4 36.6
84 87.3 69.0 103.6

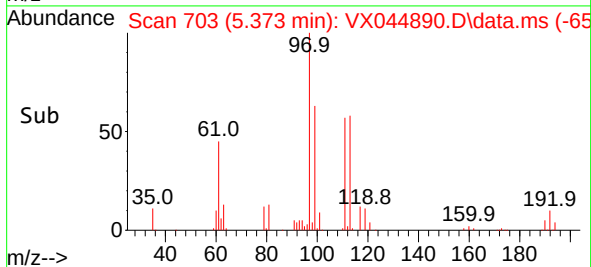
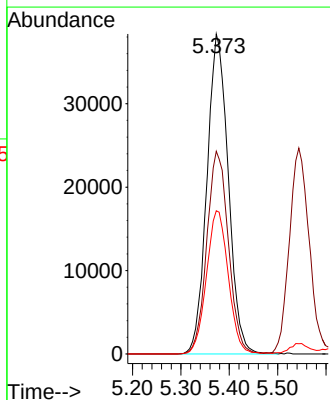
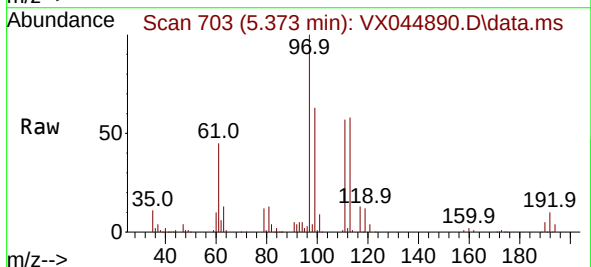
Manual Integrations
APPROVED

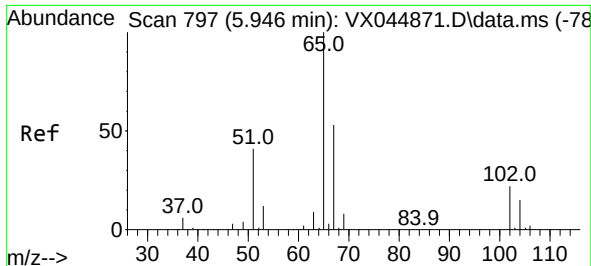
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#32
1,1,1-Trichloroethane
Concen: 51.000 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion: 97 Resp: 117714
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 45.8 36.6 55.0





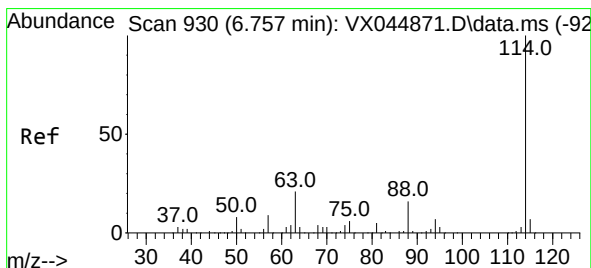
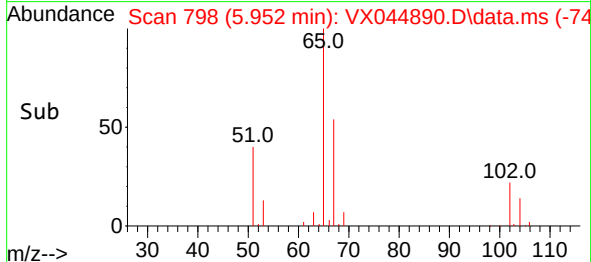
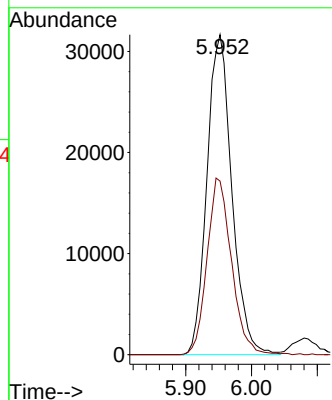
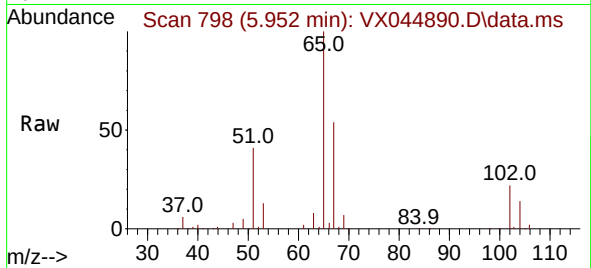
#33
 1,2-Dichloroethane-d4
 Concen: 50.211 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044890.D
 Acq: 10 Feb 2025 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-360-362MSD

Tgt Ion: 65 Resp: 8363
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.2

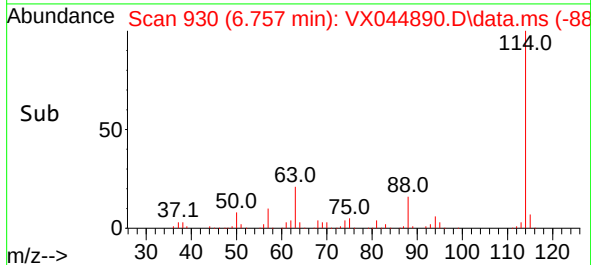
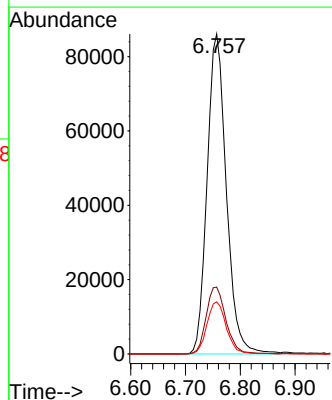
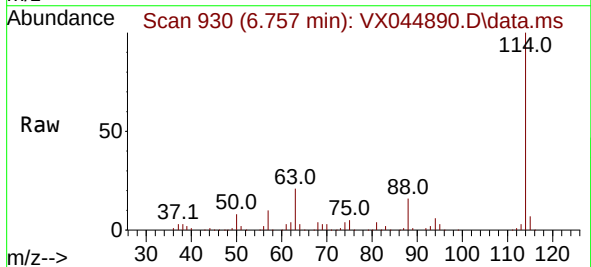
Manual Integrations
 APPROVED

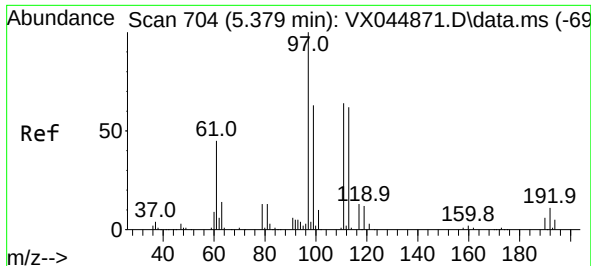
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044890.D
 Acq: 10 Feb 2025 19:09

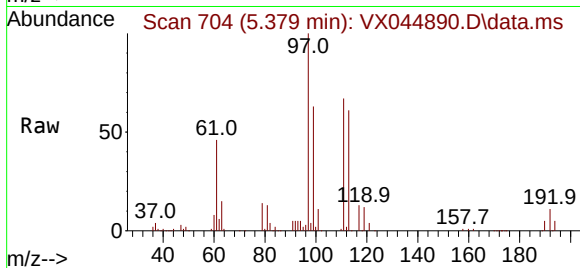
Tgt Ion:114 Resp: 209107
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 16.3 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.432 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

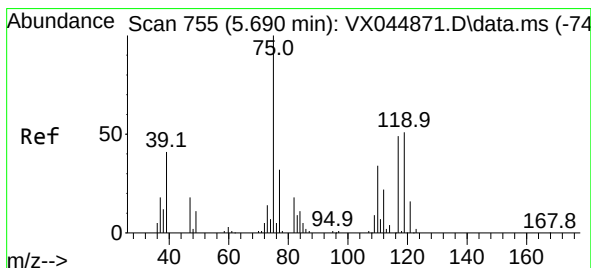
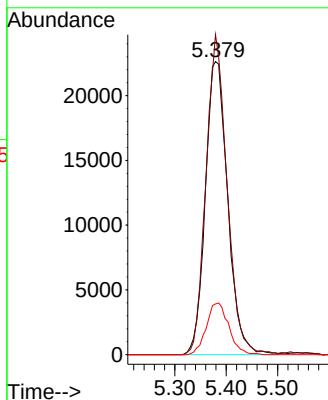
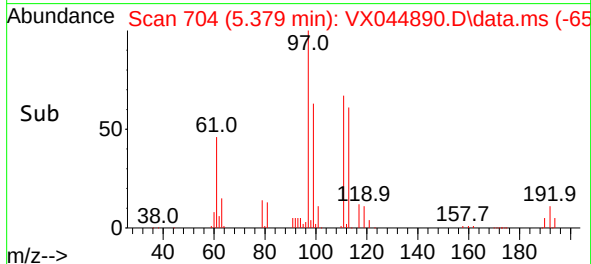
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion:113 Resp: 68564
Ion Ratio Lower Upper
113 100
111 103.0 83.5 125.3
192 17.7 14.4 21.6

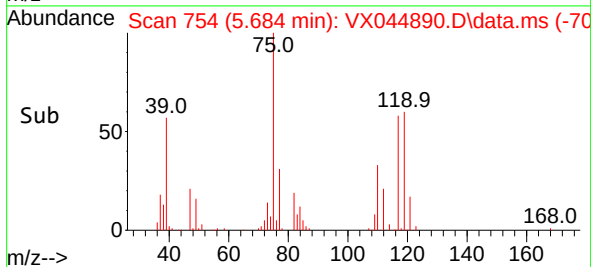
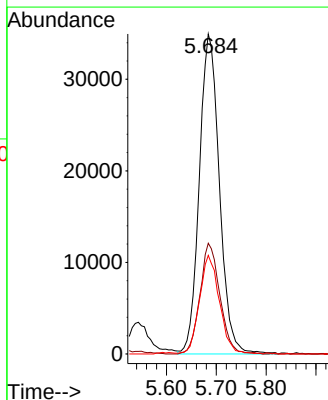
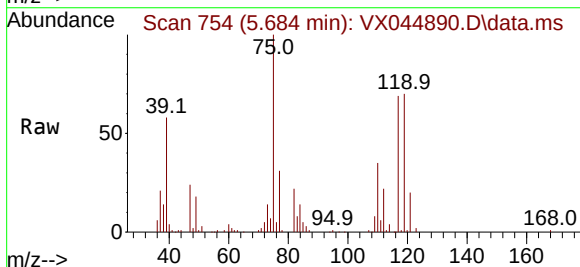
Manual Integrations
APPROVED

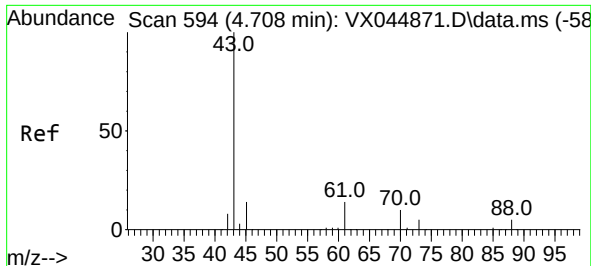
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#36
1,1-Dichloropropene
Concen: 49.879 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

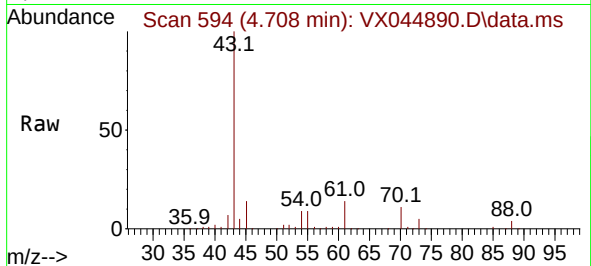
Tgt Ion: 75 Resp: 97836
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.6
77 30.6 24.6 37.0





#37
Ethyl Acetate
Concen: 50.396 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

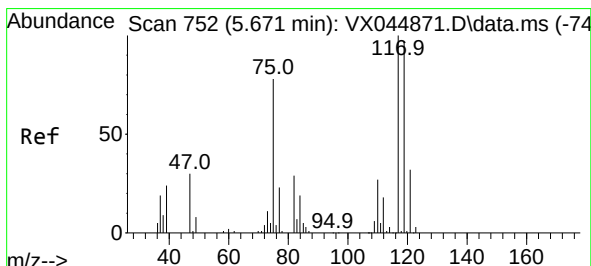
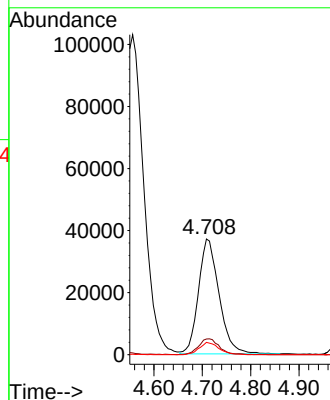
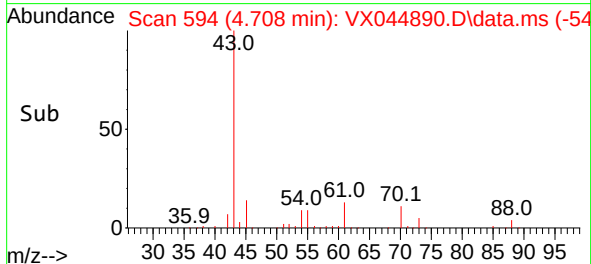
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 43 Resp: 109948
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 10.1 8.2 12.2

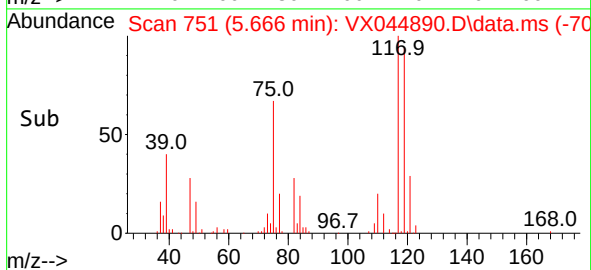
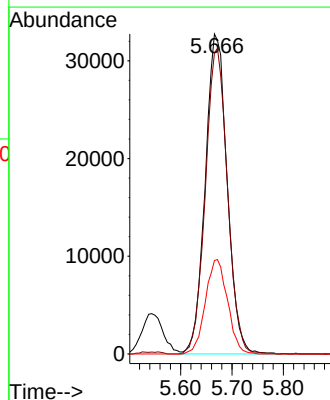
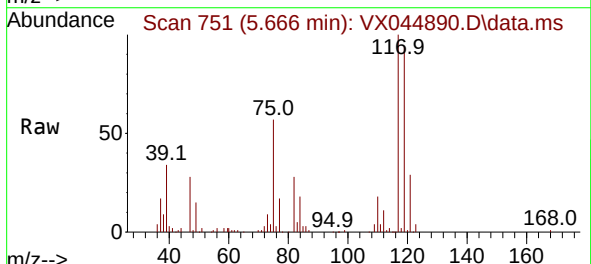
Manual Integrations
APPROVED

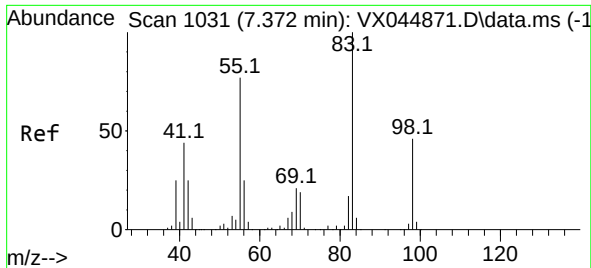
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#38
Carbon Tetrachloride
Concen: 50.515 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

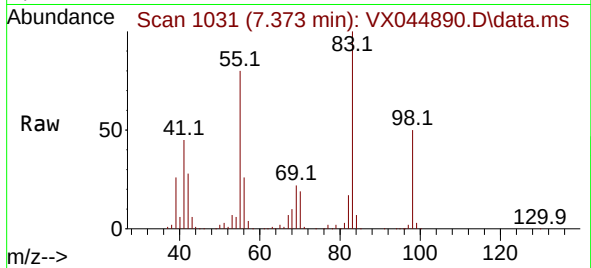
Tgt Ion:117 Resp: 97095
Ion Ratio Lower Upper
117 100
119 94.1 77.5 116.3
121 29.2 25.6 38.4





#39
Methylcyclohexane
Concen: 49.094 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

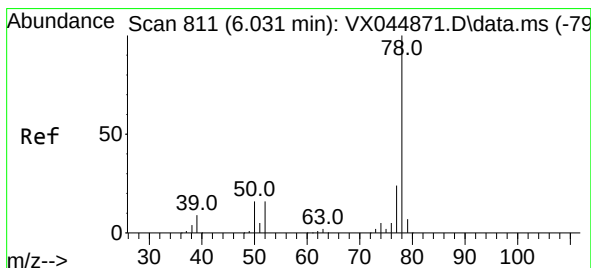
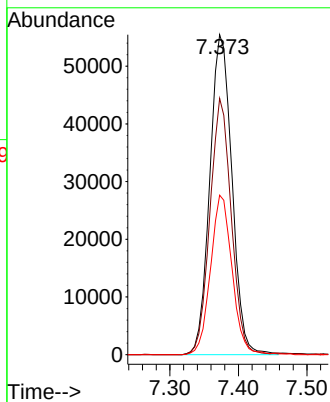
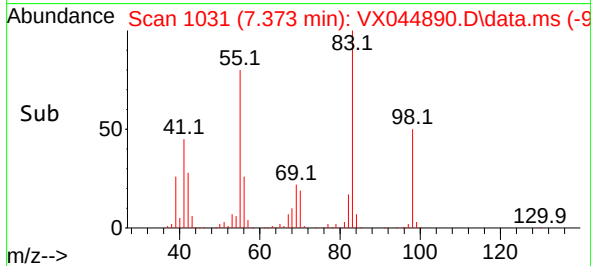
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 83 Resp: 124490
Ion Ratio Lower Upper
83 100
55 80.1 61.3 91.9
98 49.8 37.0 55.6

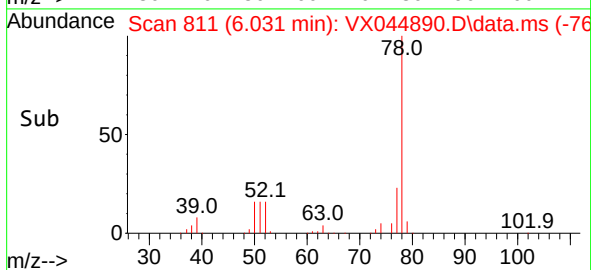
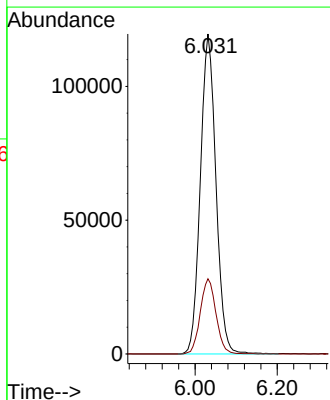
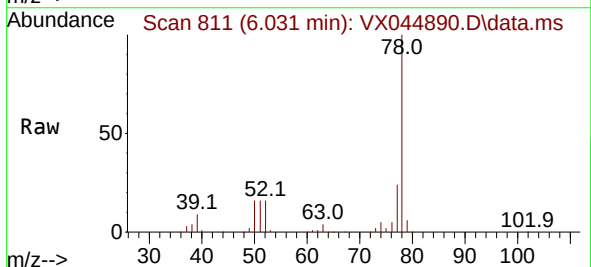
Manual Integrations
APPROVED

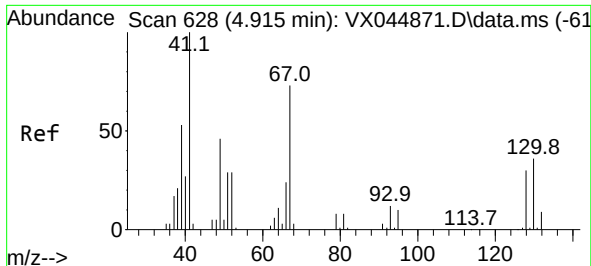
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#40
Benzene
Concen: 51.337 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion: 78 Resp: 314426
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 54.311 ug/l
RT: 4.916 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

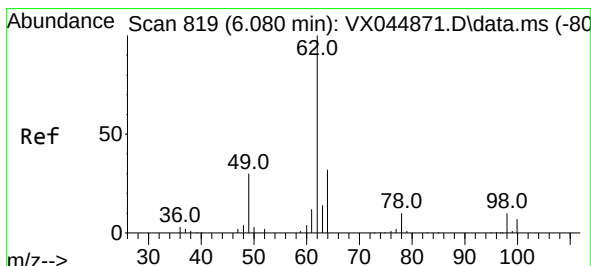
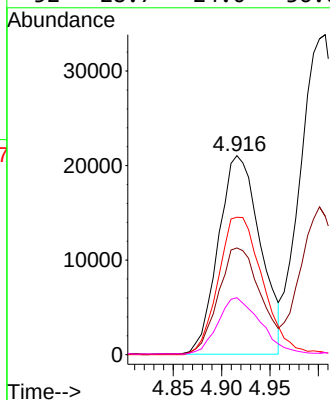
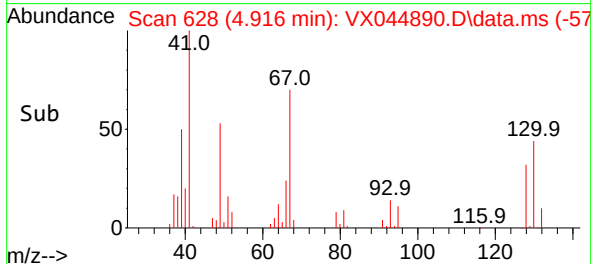
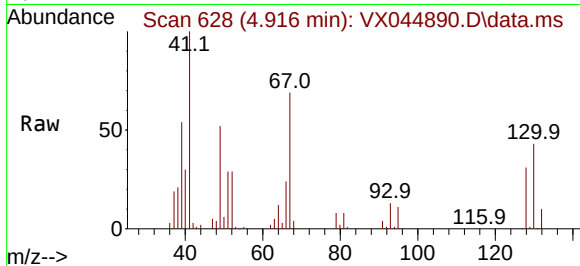
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD

Tgt Ion: 41 Resp: 63424

Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.1	64.7
67	73.4	57.0	85.6
52	28.7	24.0	36.0

Manual Integrations
APPROVED

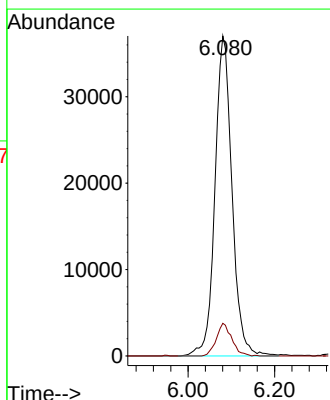
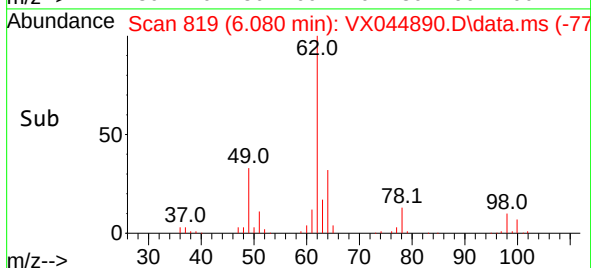
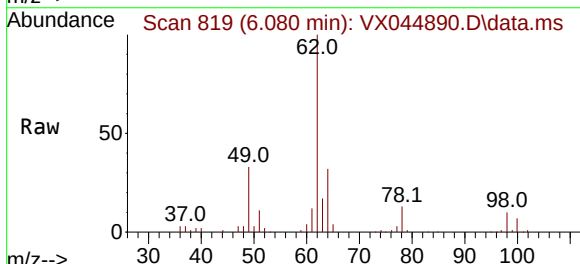
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

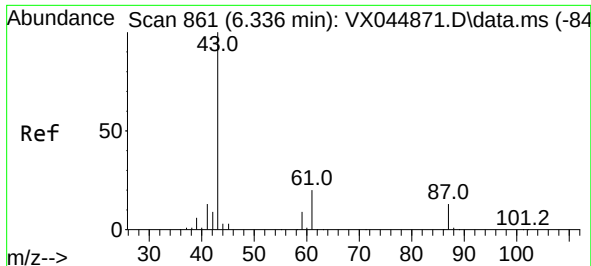


#42
1,2-Dichloroethane
Concen: 51.847 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion: 62 Resp: 101207

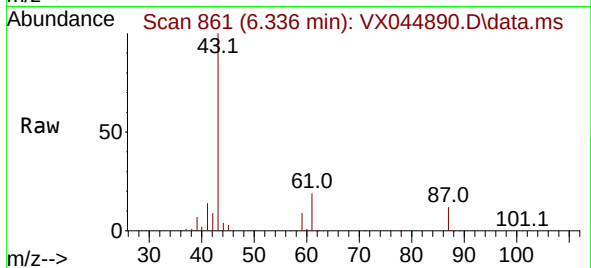
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4





#43
Isopropyl Acetate
Concen: 52.618 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

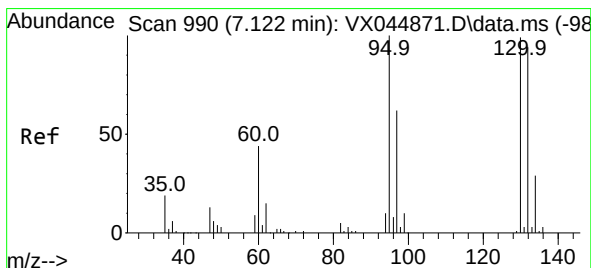
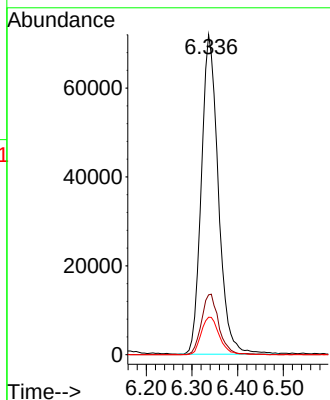
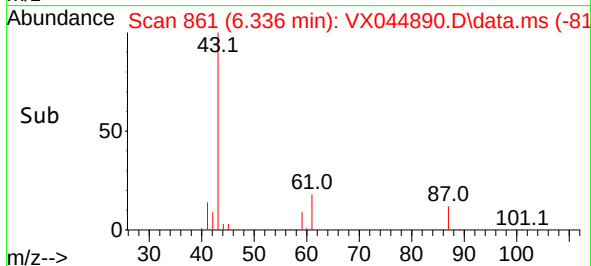
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 43 Resp: 185380
Ion Ratio Lower Upper
43 100
61 19.5 15.8 23.8
87 12.5 10.0 15.0

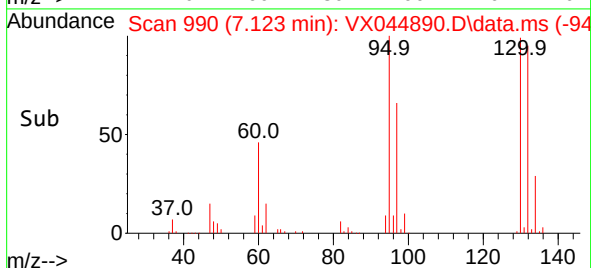
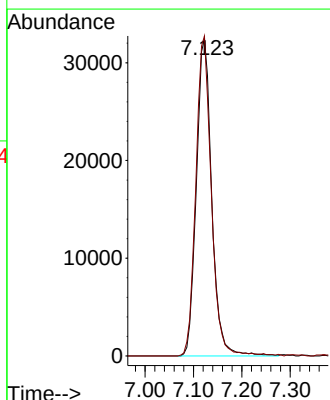
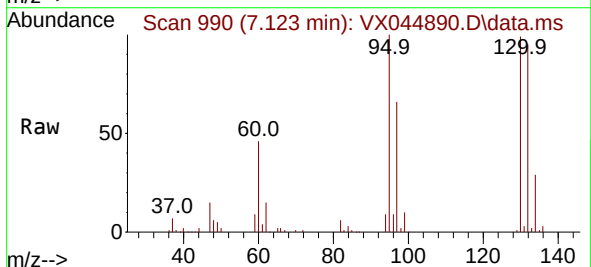
Manual Integrations
APPROVED

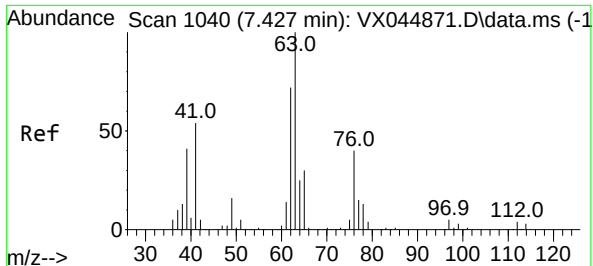
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#44
Trichloroethene
Concen: 51.210 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion:130 Resp: 71692
Ion Ratio Lower Upper
130 100
95 100.8 0.0 202.4





#45

1,2-Dichloropropane

Concen: 51.245 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-360-362MSD

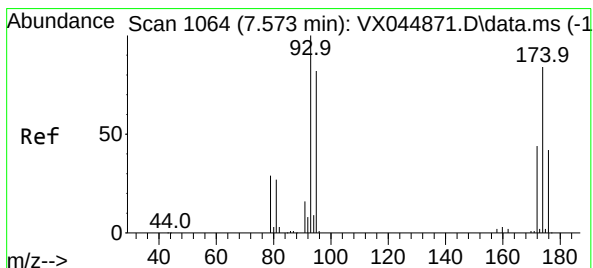
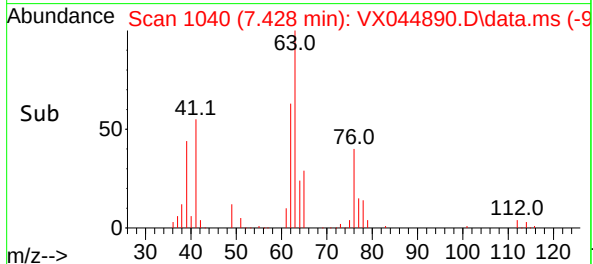
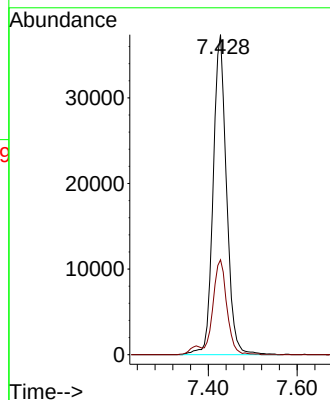
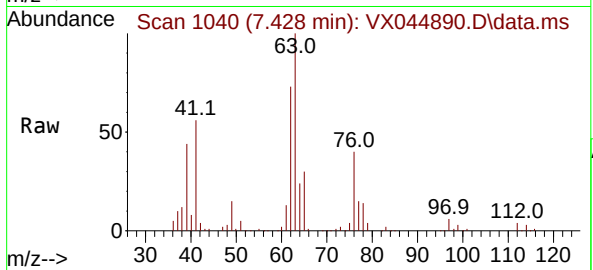
Tgt Ion: 63 Resp: 7808
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#46

Dibromomethane

Concen: 51.280 ug/l

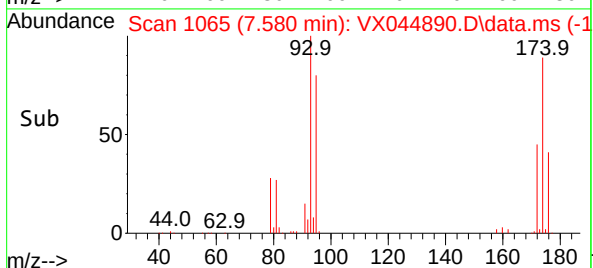
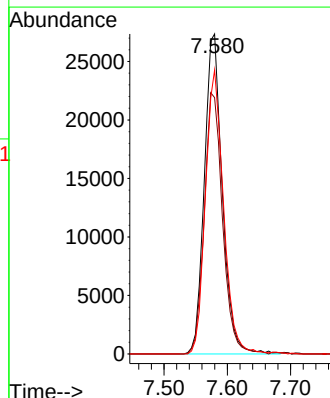
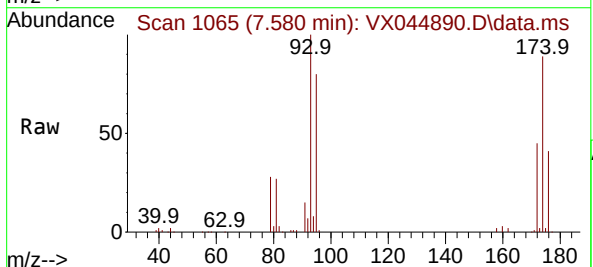
RT: 7.580 min Scan# 1065

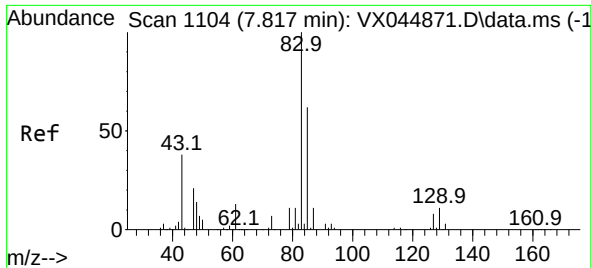
Delta R.T. 0.006 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

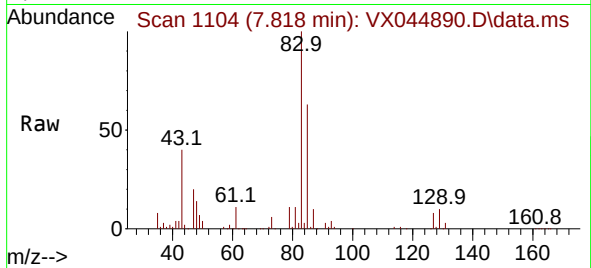
Tgt Ion: 93 Resp: 54189
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 89.2 69.9 104.9





#47
Bromodichloromethane
Concen: 52.350 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

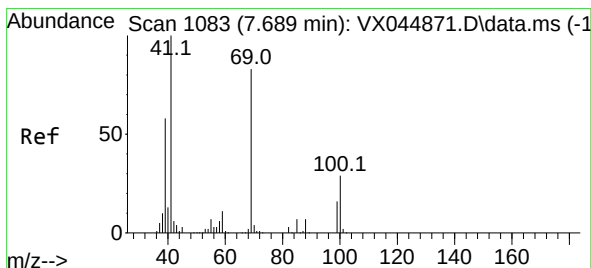
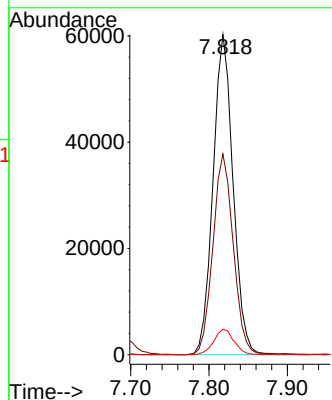
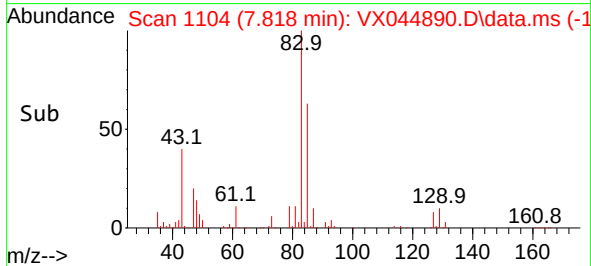
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 83 Resp: 107110
Ion Ratio Lower Upper
83 100
85 62.7 50.0 75.0
127 7.9 6.4 9.6

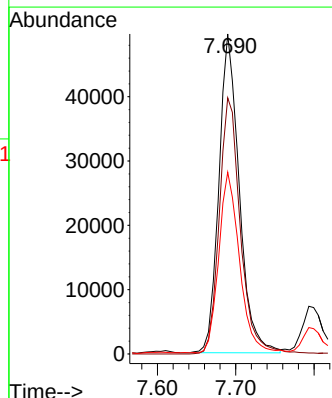
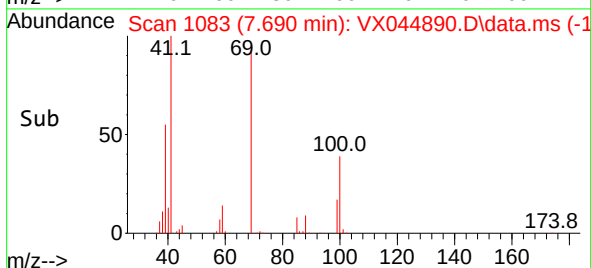
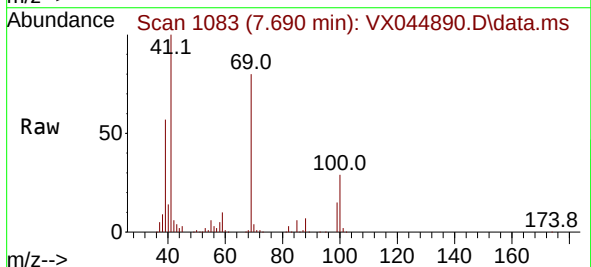
Manual Integrations
APPROVED

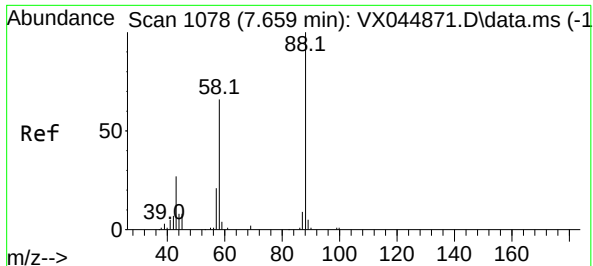
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#48
Methyl methacrylate
Concen: 53.952 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion: 41 Resp: 89624
Ion Ratio Lower Upper
41 100
69 83.7 65.8 98.8
39 57.8 46.4 69.6





#49

1,4-Dioxane

Concen: 909.384 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-360-362MSD

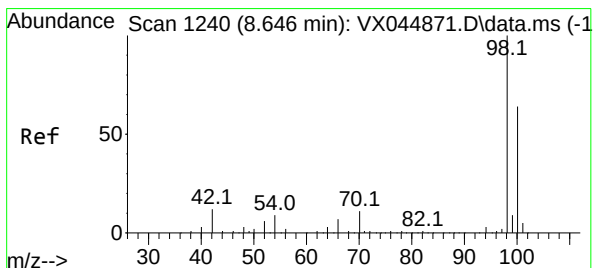
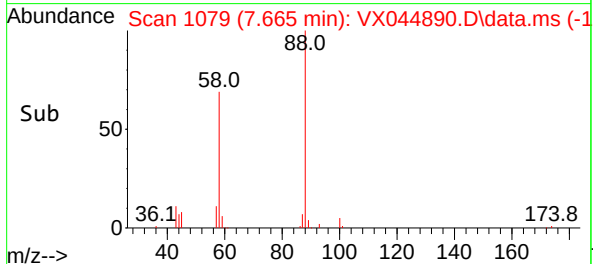
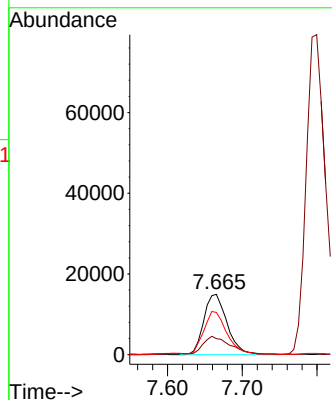
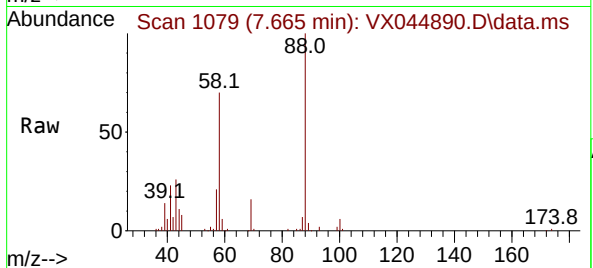
Tgt Ion: 88	Resp: 3241
Ion Ratio	Lower Upper
88 100	
43 34.1	26.6 39.8
58 71.8	55.9 83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#50

Toluene-d8

Concen: 50.983 ug/l

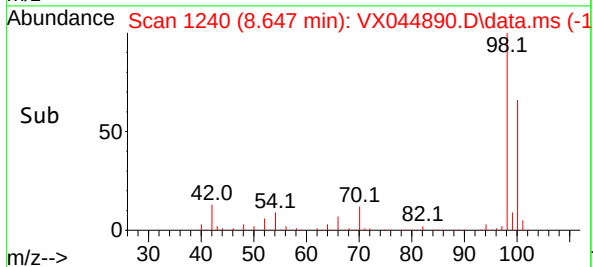
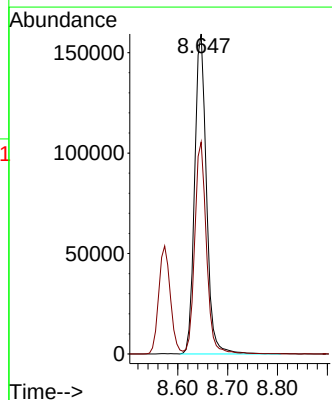
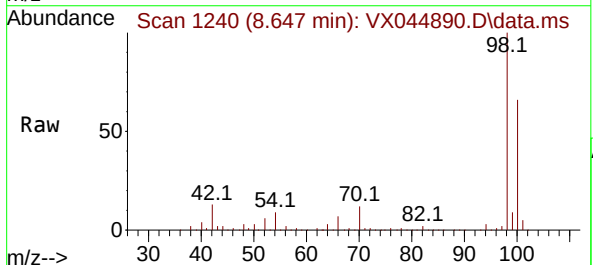
RT: 8.647 min Scan# 1240

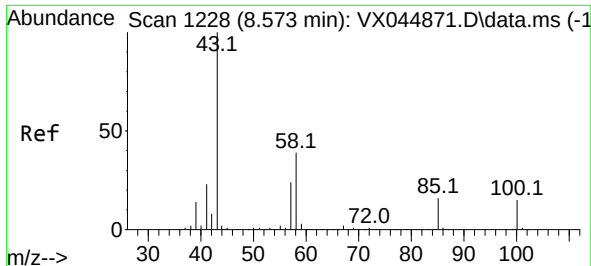
Delta R.T. 0.000 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

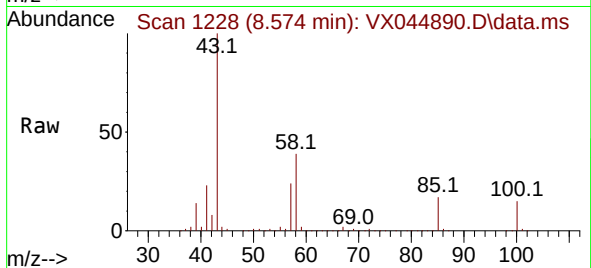
Tgt Ion: 98	Resp: 262105
Ion Ratio	Lower Upper
98 100	
100 66.0	52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 280.896 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

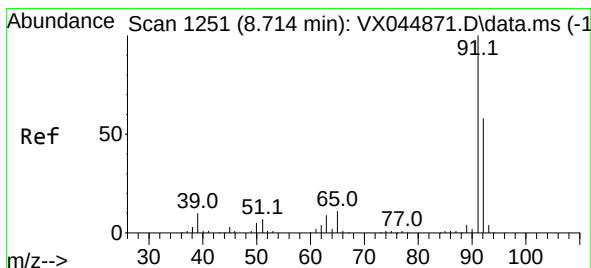
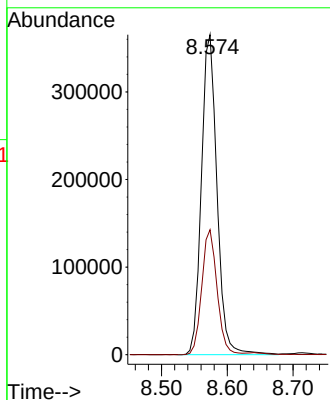
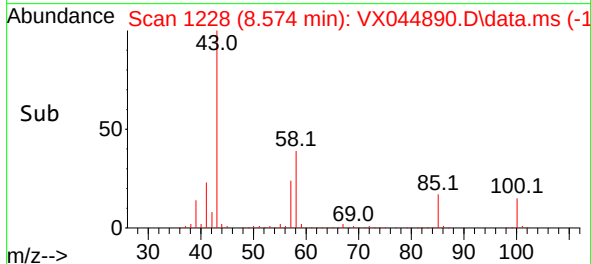
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion: 43 Resp: 60163
Ion Ratio Lower Upper
43 100
58 38.3 30.8 46.2

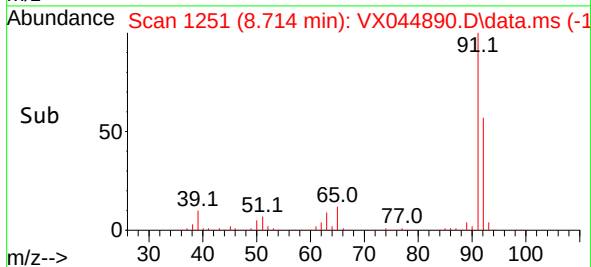
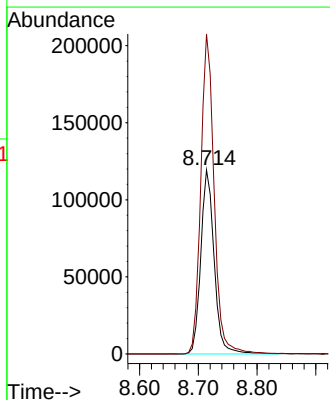
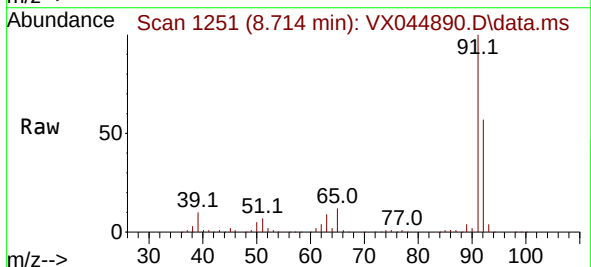
Manual Integrations
APPROVED

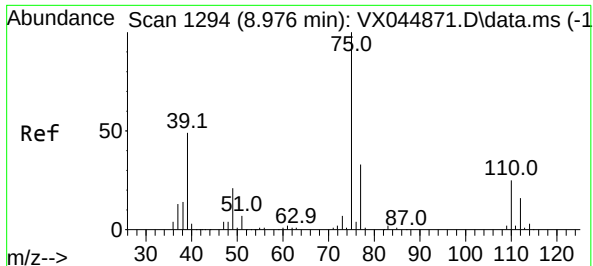
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#52
Toluene
Concen: 51.845 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion: 92 Resp: 189112
Ion Ratio Lower Upper
92 100
91 173.8 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 51.774 ug/l

RT: 8.976 min Scan# 11294

Delta R.T. 0.000 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-360-362MSD

Tgt Ion: 75 Resp: 10720

Ion Ratio Lower Upper

75 100

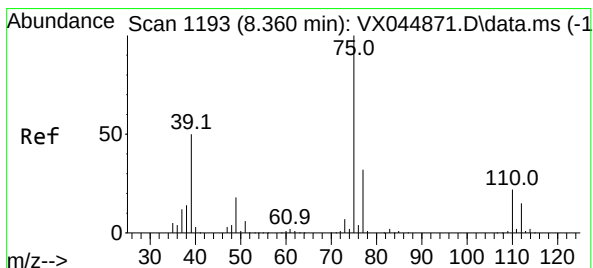
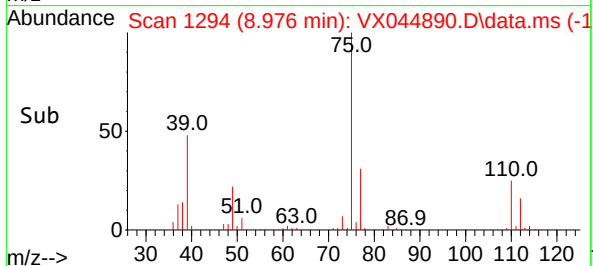
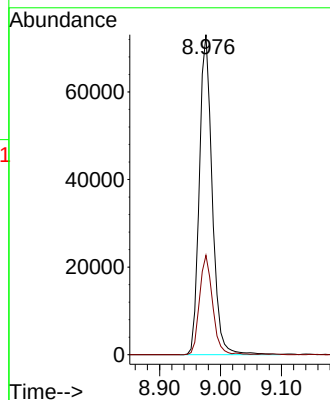
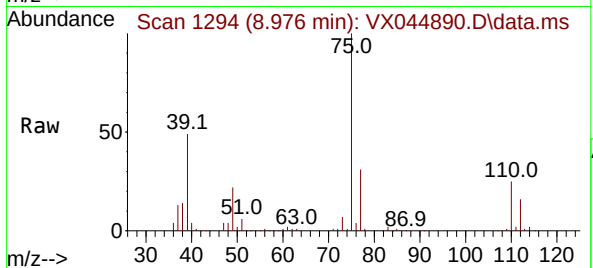
77 31.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#54

cis-1,3-Dichloropropene

Concen: 52.522 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

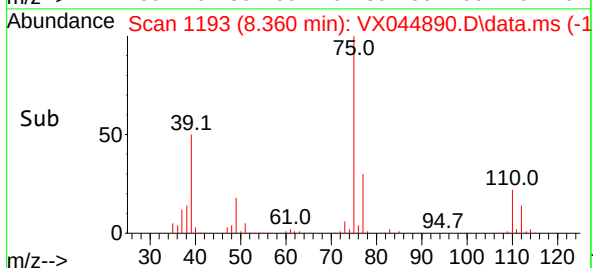
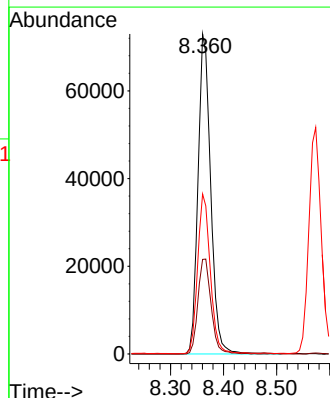
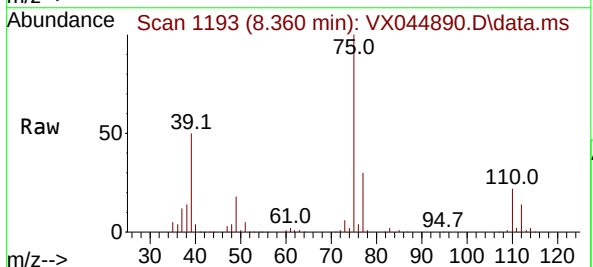
Tgt Ion: 75 Resp: 121253

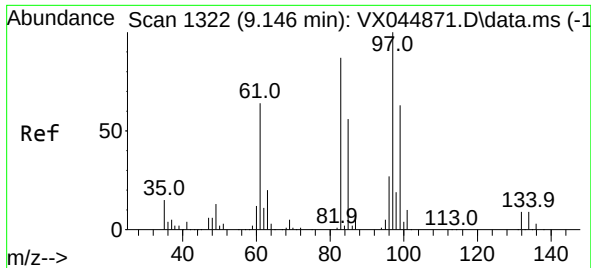
Ion Ratio Lower Upper

75 100

77 29.5 25.3 37.9

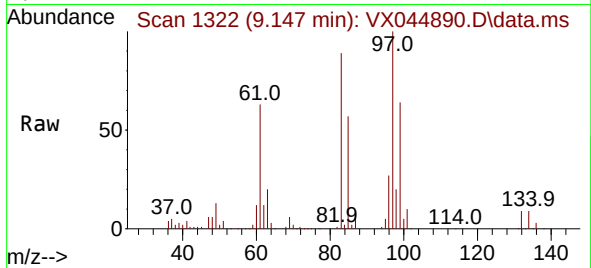
39 49.9 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 52.567 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

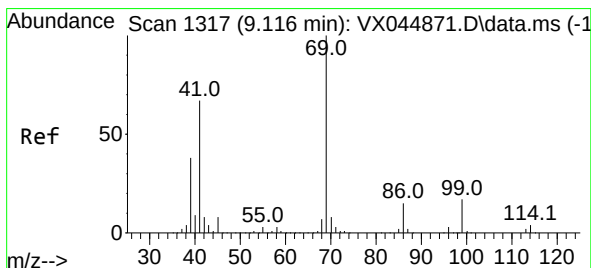
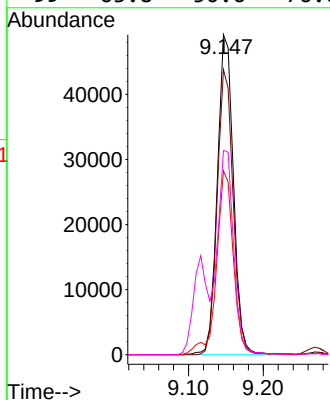
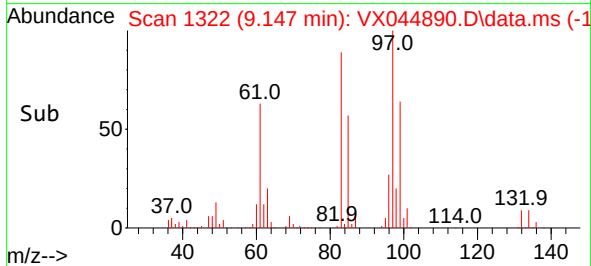
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



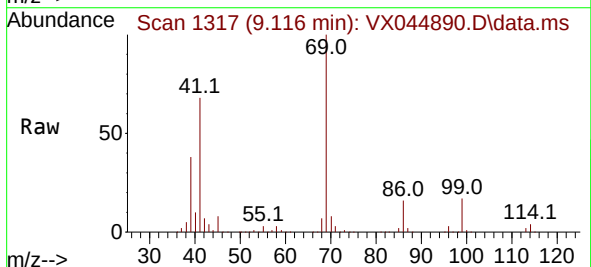
Tgt Ion: 97 Resp: 73710
Ion Ratio Lower Upper
97 100
83 89.0 69.8 104.6
85 57.5 44.8 67.2
99 63.8 50.6 76.0

Manual Integrations
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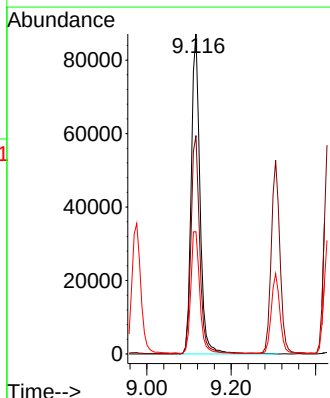
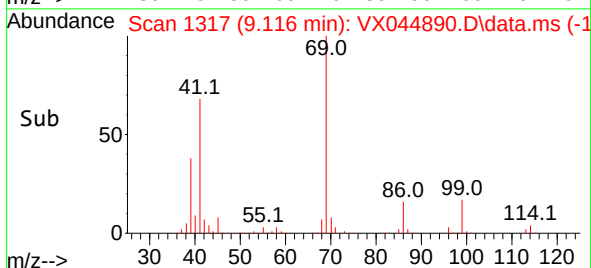
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

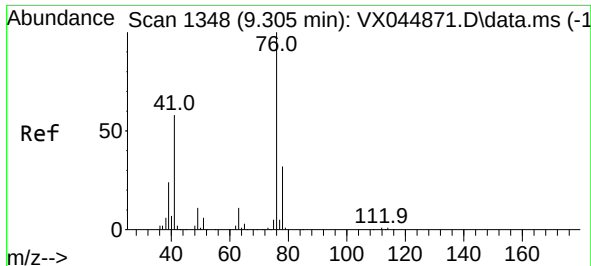


#56
Ethyl methacrylate
Concen: 55.428 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09



Tgt Ion: 69 Resp: 125529
Ion Ratio Lower Upper
69 100
41 68.6 55.2 82.8
39 39.2 30.8 46.2





#57

1,3-Dichloropropane

Concen: 52.491 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-360-362MSD

Tgt Ion: 76 Resp: 128784

Ion Ratio Lower Upper

76 100

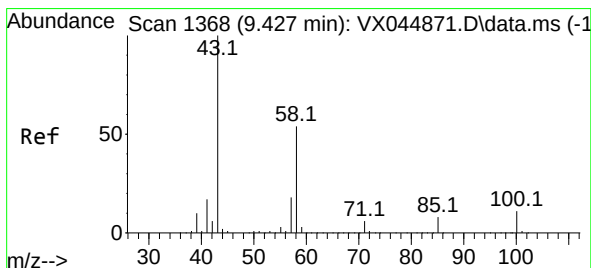
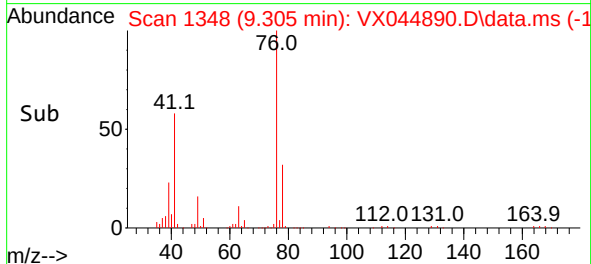
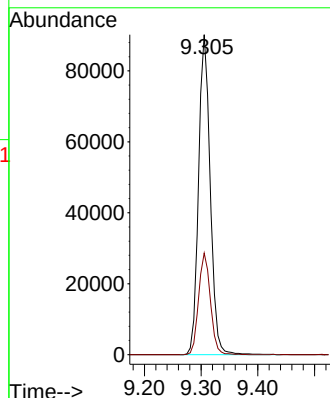
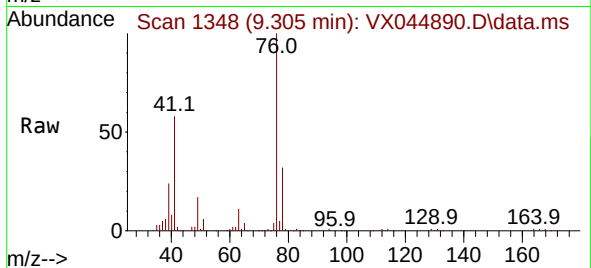
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#59

2-Hexanone

Concen: 284.672 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX044890.D

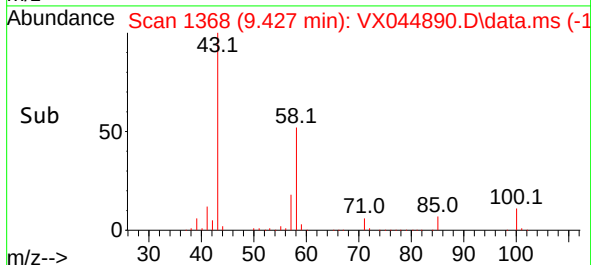
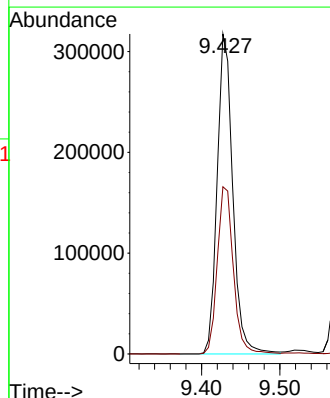
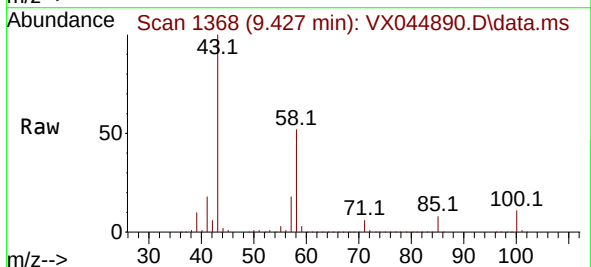
Acq: 10 Feb 2025 19:09

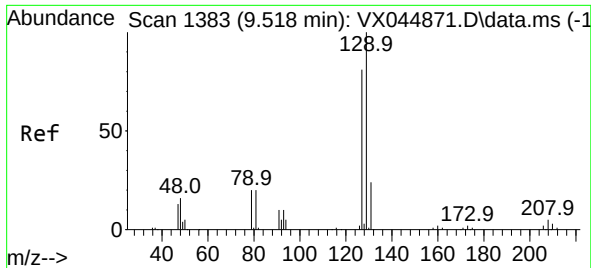
Tgt Ion: 43 Resp: 439312

Ion Ratio Lower Upper

43 100

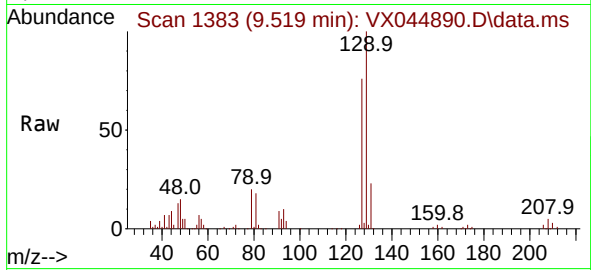
58 53.9 27.5 82.4





#60
Dibromochloromethane
Concen: 52.810 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

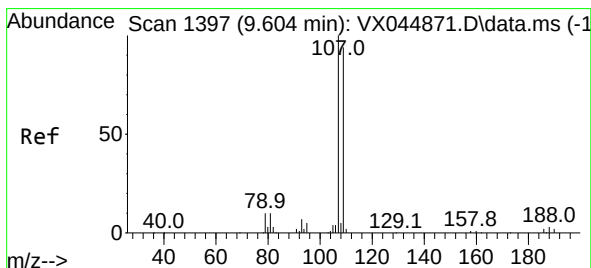
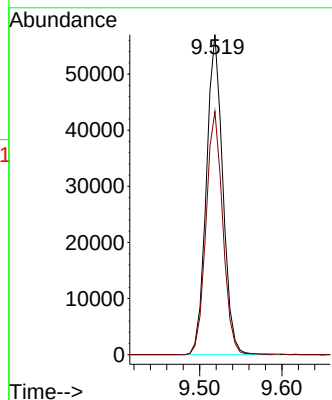
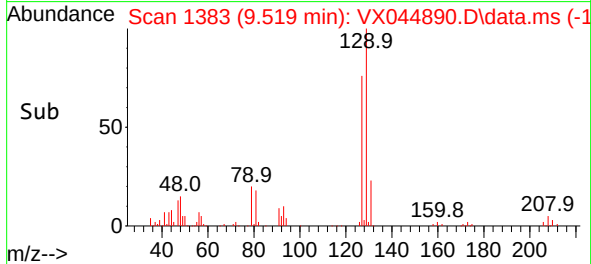
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion:129 Resp: 79194
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

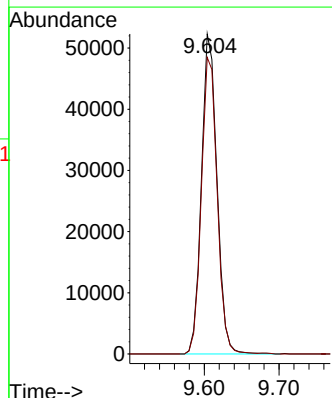
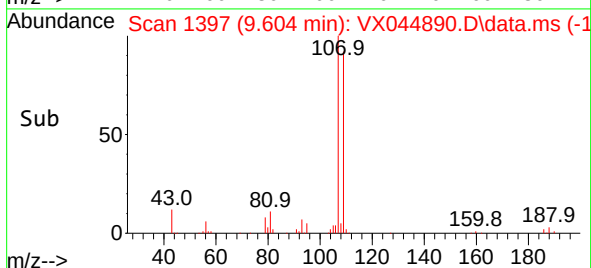
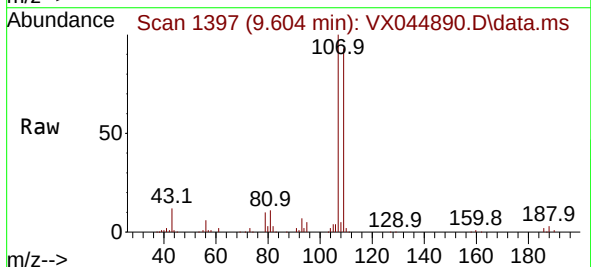
Manual Integrations
APPROVED

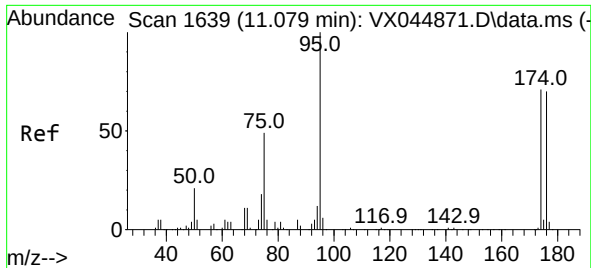
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#61
1,2-Dibromoethane
Concen: 53.005 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

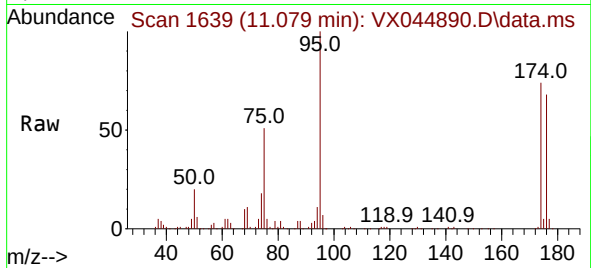
Tgt Ion:107 Resp: 75331
Ion Ratio Lower Upper
107 100
109 94.3 75.9 113.9





#62
4-Bromofluorobenzene
Concen: 51.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

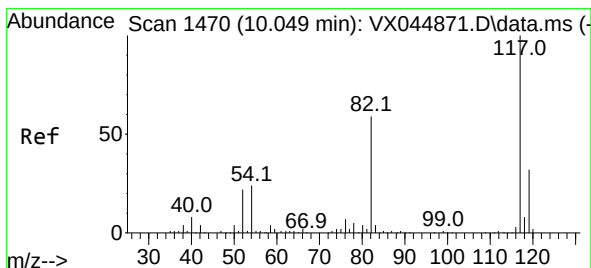
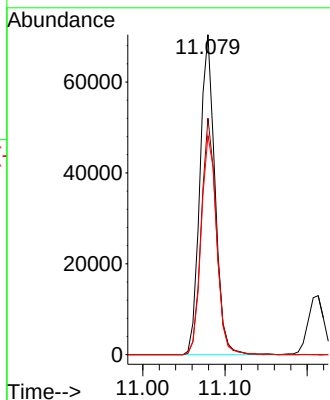
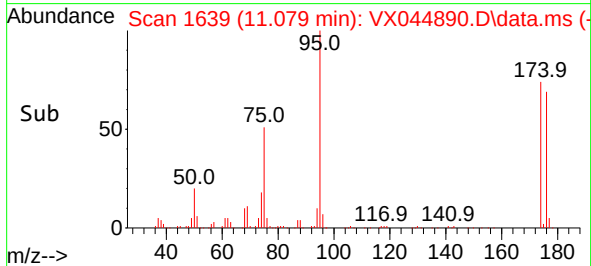
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



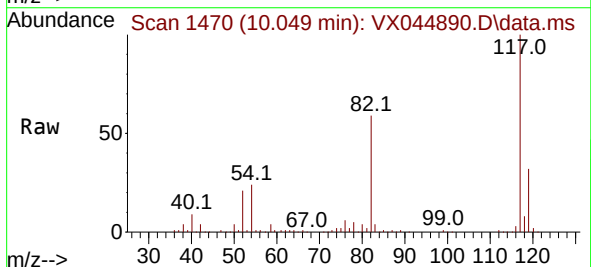
Tgt Ion: 95 Resp: 89489
Ion Ratio Lower Upper
95 100
174 73.9 0.0 142.6
176 70.7 0.0 141.6

Manual Integrations
APPROVED

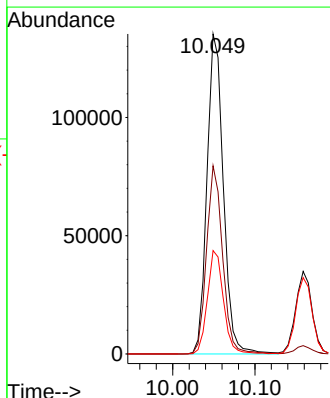
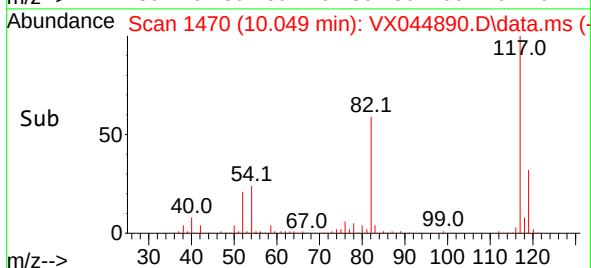
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

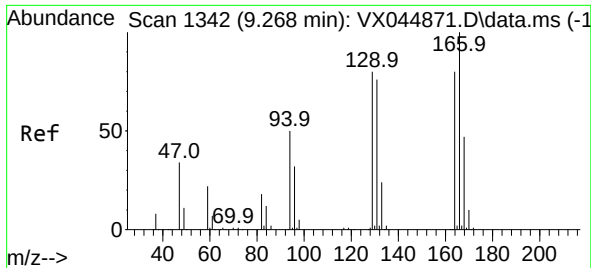


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09



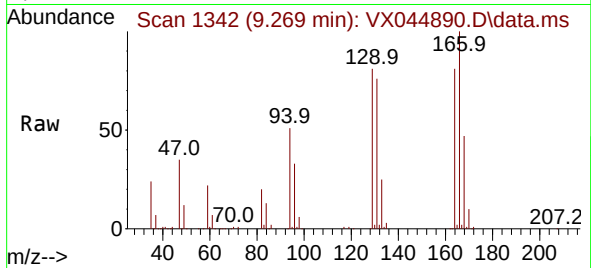
Tgt Ion:117 Resp: 187126
Ion Ratio Lower Upper
117 100
82 58.8 47.5 71.3
119 32.3 25.4 38.0





#64
Tetrachloroethene
Concen: 48.487 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

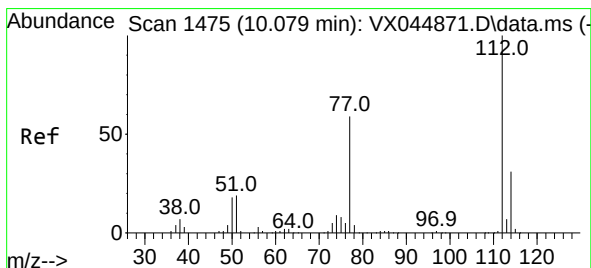
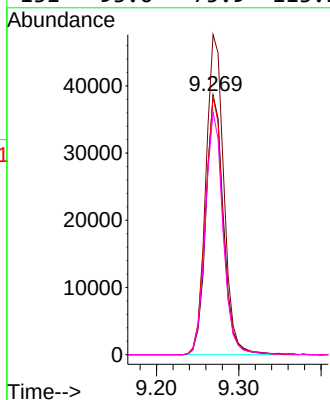
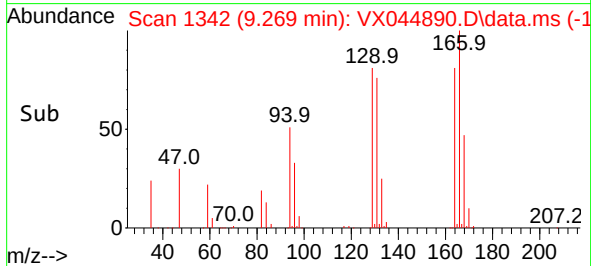
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion:164 Resp: 57220
Ion Ratio Lower Upper
164 100
166 123.4 100.4 150.6
129 99.5 79.9 119.9
131 93.6 75.9 113.9

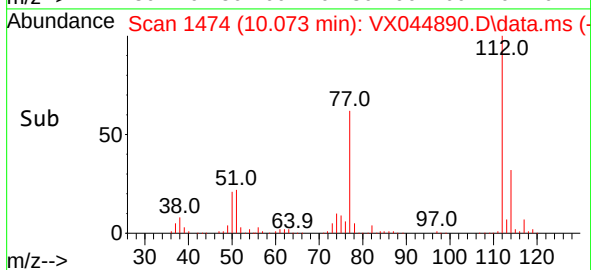
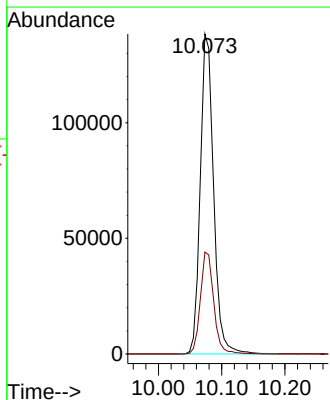
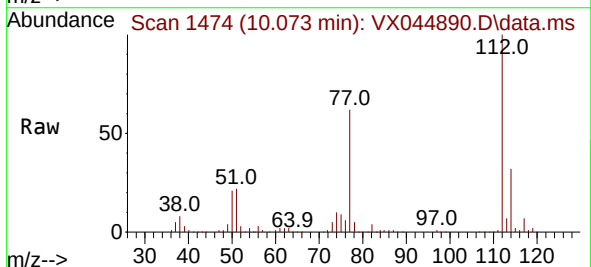
Manual Integrations
APPROVED

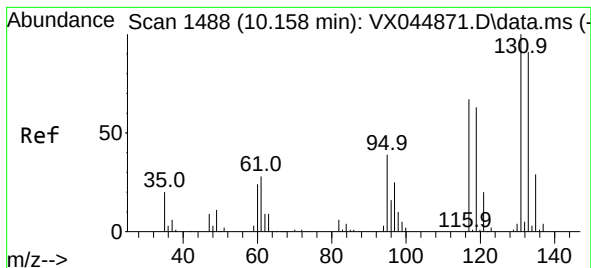
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#65
Chlorobenzene
Concen: 50.532 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

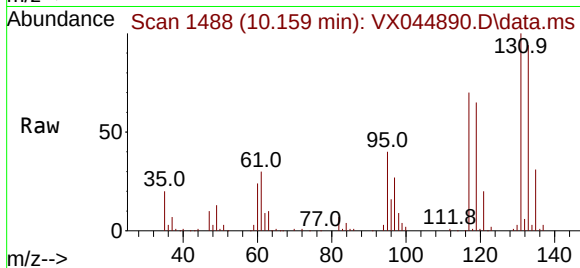
Tgt Ion:112 Resp: 203096
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6





#66
1,1,1,2-Tetrachloroethane
Concen: 50.908 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

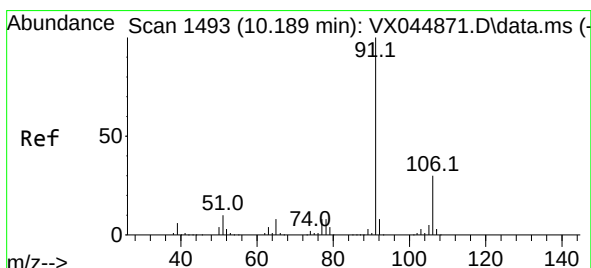
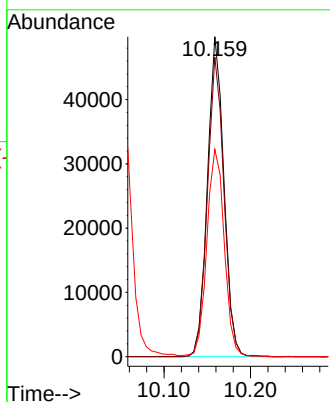
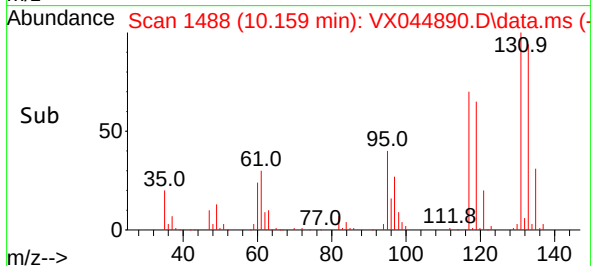
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion:131 Resp: 6585
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.3
119 68.6 33.6 100.6

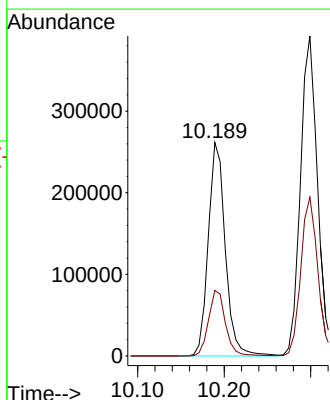
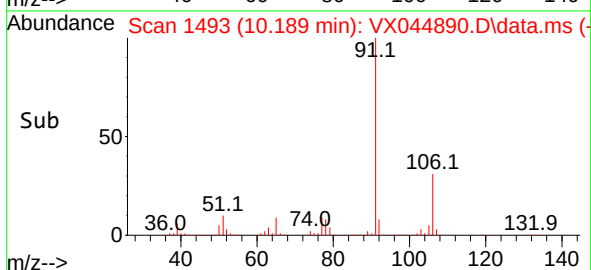
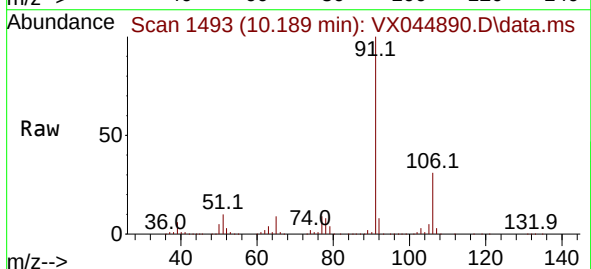
Manual Integrations
APPROVED

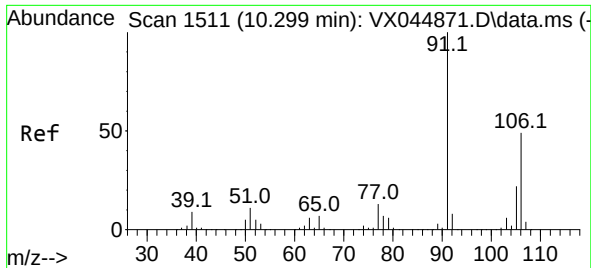
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#67
Ethyl Benzene
Concen: 50.410 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Tgt Ion: 91 Resp: 357538
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9





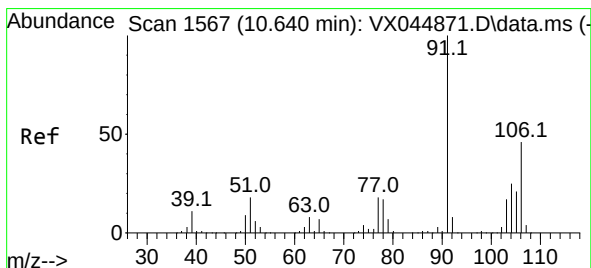
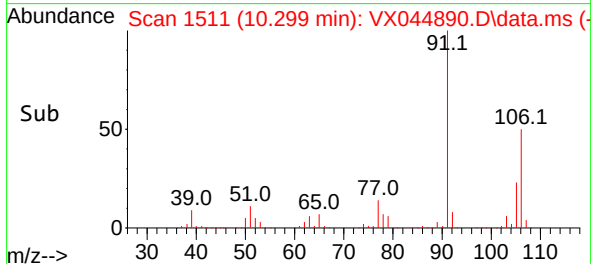
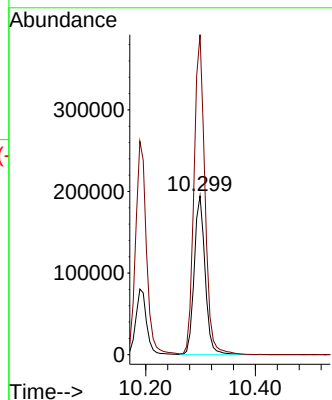
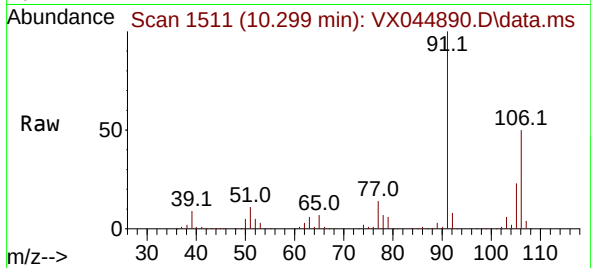
#68
m/p-Xylenes
Concen: 103.122 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD

Tgt Ion:106 Resp: 269804
Ion Ratio Lower Upper
106 100
91 201.8 164.3 246.5

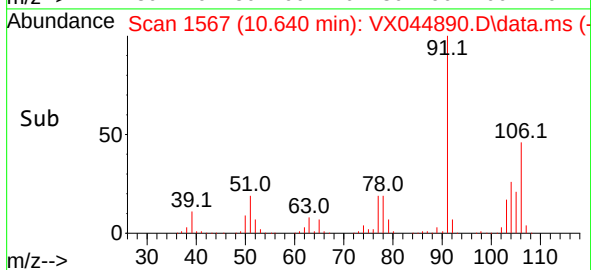
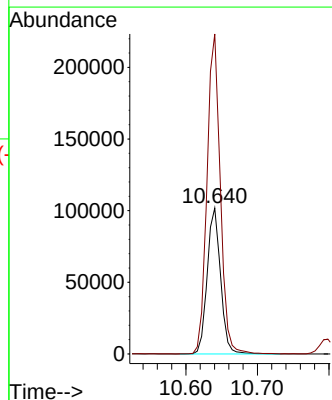
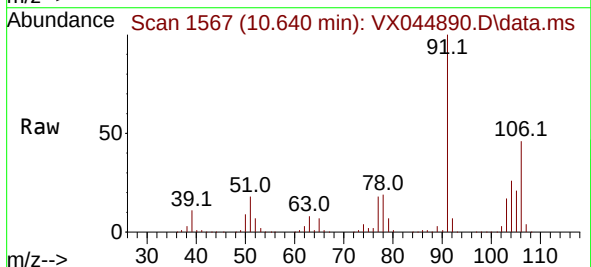
Manual Integrations
APPROVED

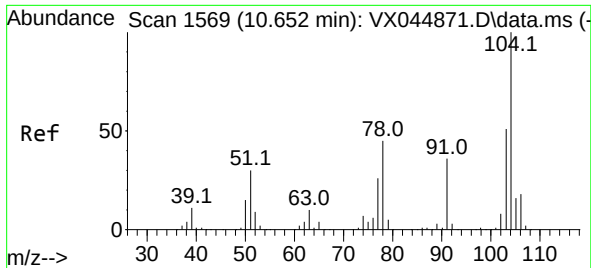
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#69
o-Xylene
Concen: 50.416 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

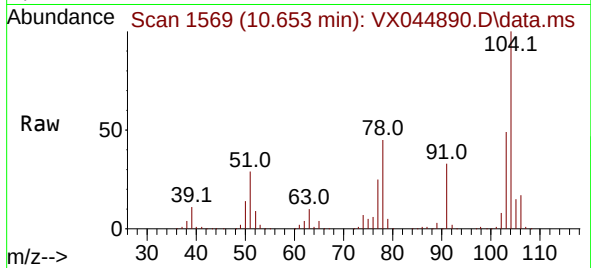
Tgt Ion:106 Resp: 132356
Ion Ratio Lower Upper
106 100
91 218.1 108.5 325.5





#70
Styrene
Concen: 52.558 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

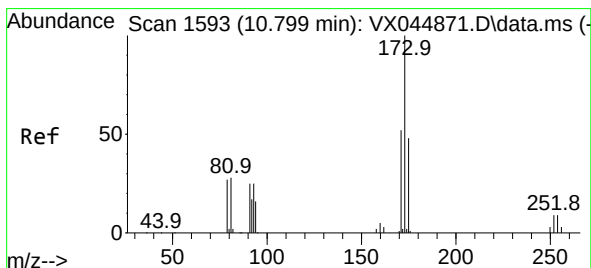
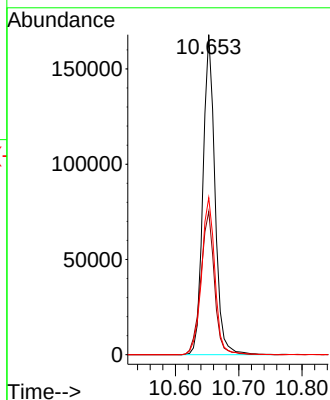
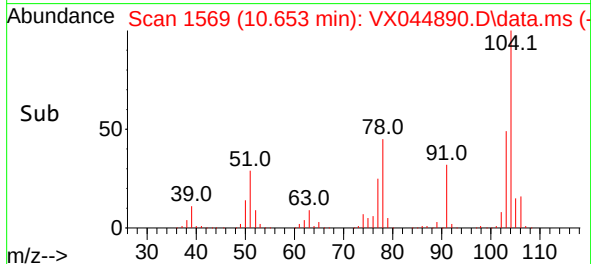
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



Tgt Ion:104 Resp: 222298
Ion Ratio Lower Upper
104 100
78 50.7 40.5 60.7
103 54.6 43.6 65.4

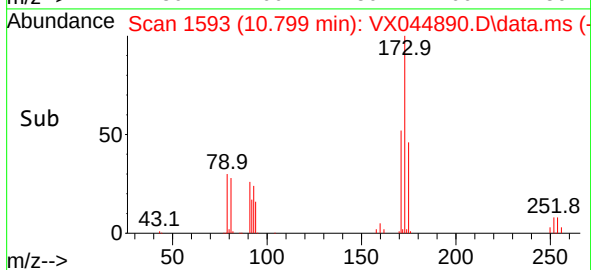
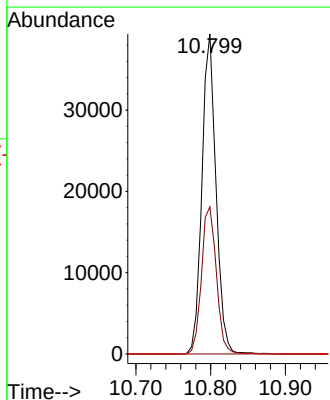
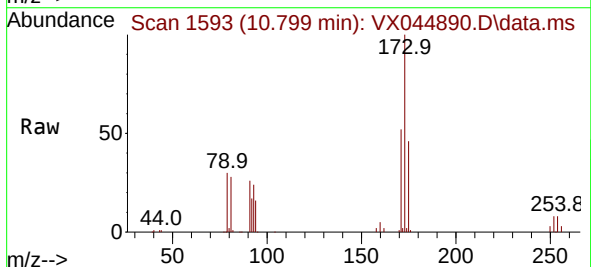
Manual Integrations
APPROVED

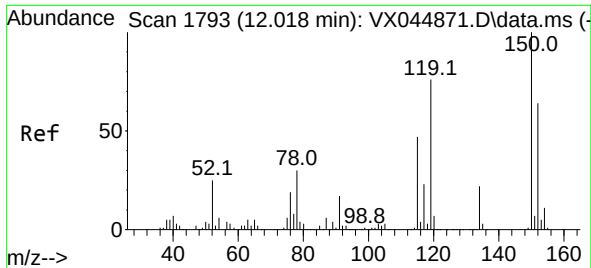
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#71
Bromoform
Concen: 53.207 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

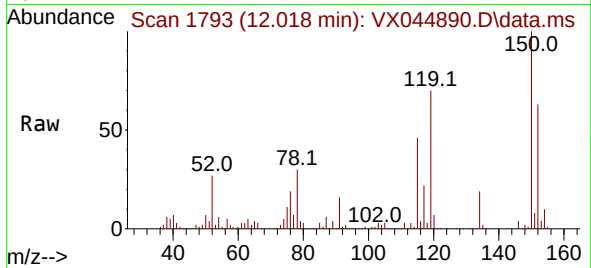
Tgt Ion:173 Resp: 51369
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.0 0.0 0.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VX044890.D
 Acq: 10 Feb 2025 19:09

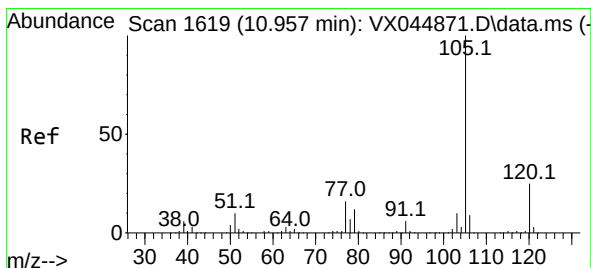
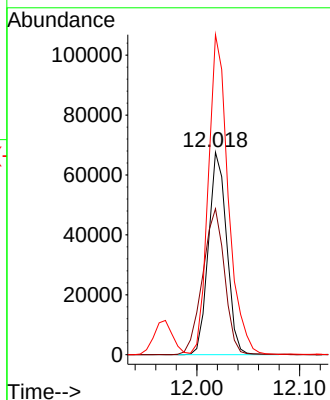
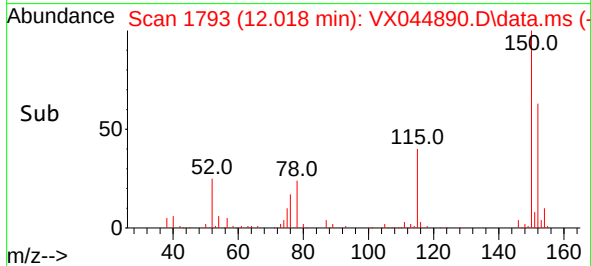
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-360-362MSD



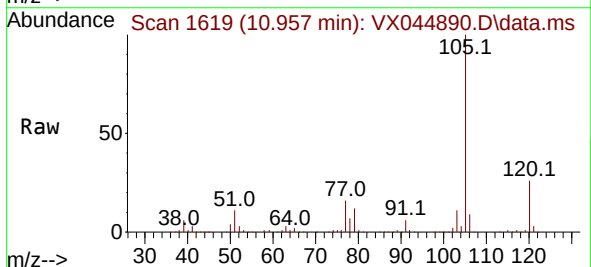
Tgt Ion:152 Resp: 83002
 Ion Ratio Lower Upper
 152 100
 115 87.0 43.4 130.1
 150 172.8 0.0 350.4

Manual Integrations
 APPROVED

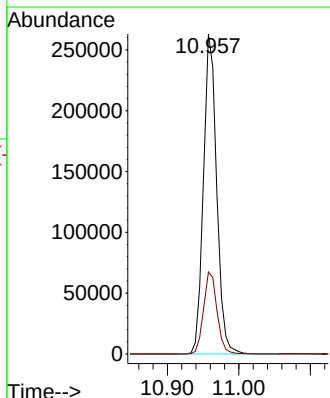
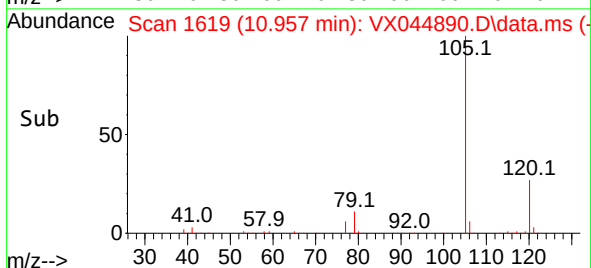
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

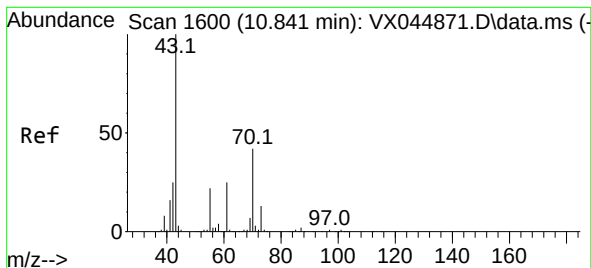


#73
 Isopropylbenzene
 Concen: 50.586 ug/l
 RT: 10.957 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VX044890.D
 Acq: 10 Feb 2025 19:09



Tgt Ion:105 Resp: 338076
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.2 39.5





#74

N-amy1 acetate

Concen: 53.219 ug/l

RT: 10.842 min Scan# 16094

Delta R.T. 0.000 min

Lab File: VX044890.D

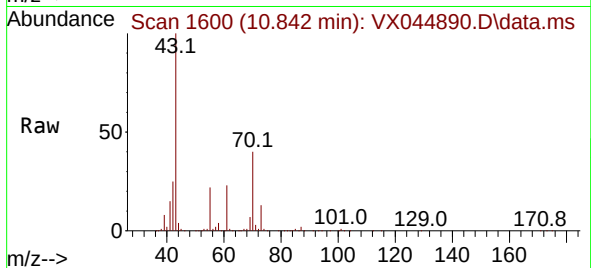
Acq: 10 Feb 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-360-362MSD



Tgt Ion: 43 Resp: 16094

Ion Ratio Lower Upper

43 100

70 41.5 33.7 50.5

55 23.4 18.6 27.8

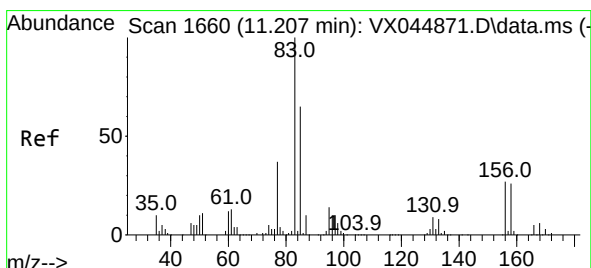
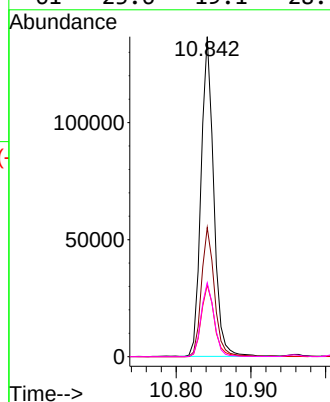
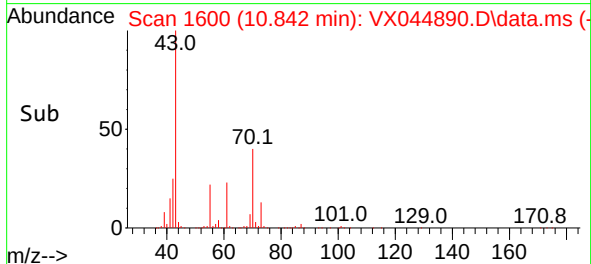
61 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#75

1,1,2,2-Tetrachloroethane

Concen: 50.574 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

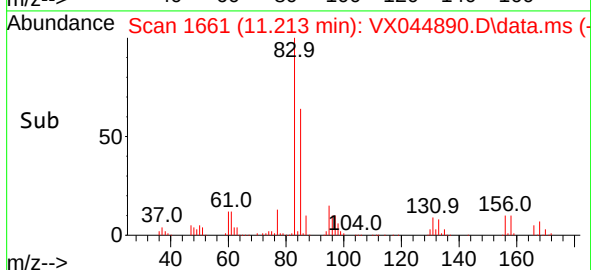
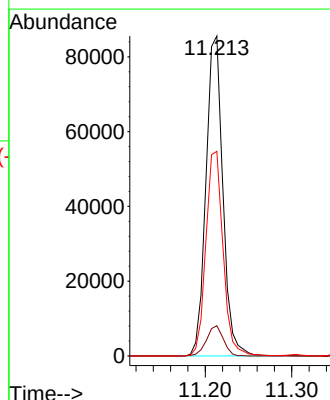
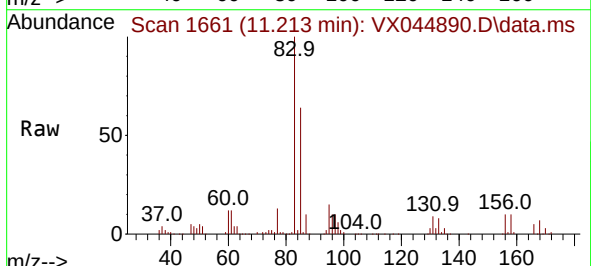
Tgt Ion: 83 Resp: 116145

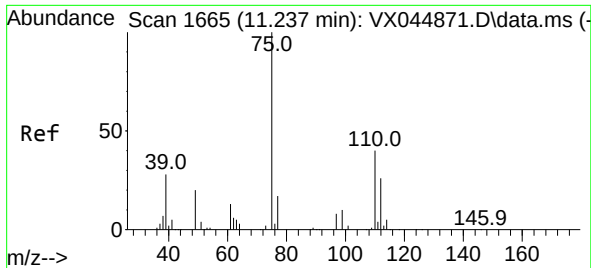
Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.5

85 64.9 32.3 96.8





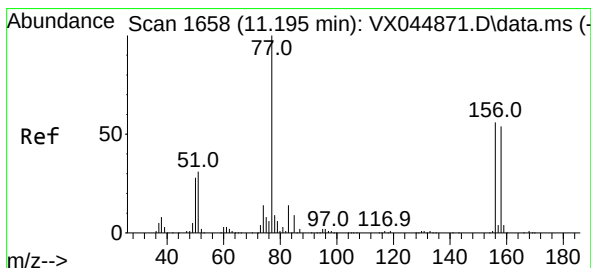
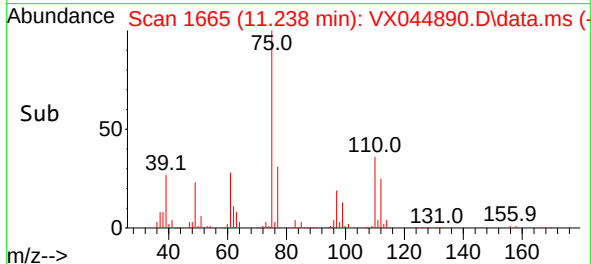
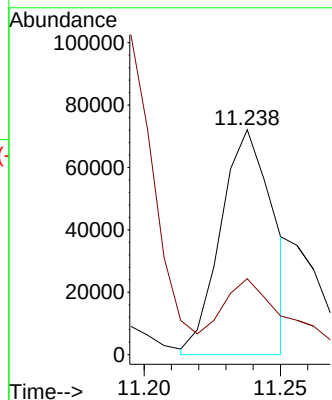
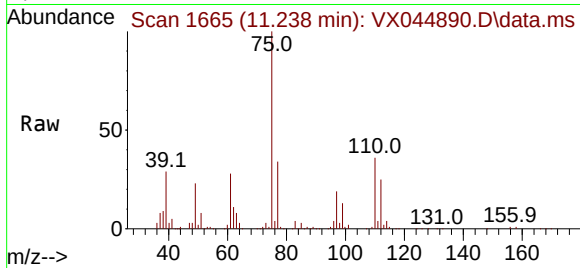
#76
1,2,3-Trichloropropane
Concen: 52.106 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD

Tgt Ion: 75 Resp: 95889
Ion Ratio Lower Upper
75 100
77 43.0 21.9 65.7

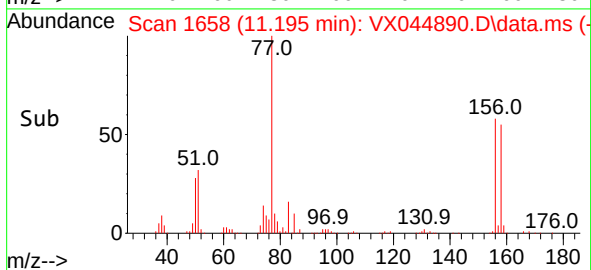
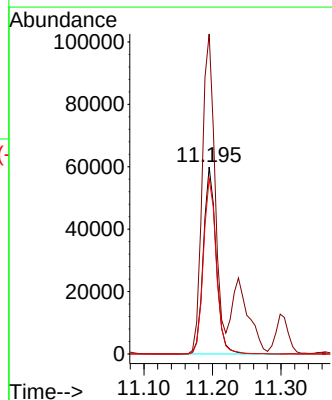
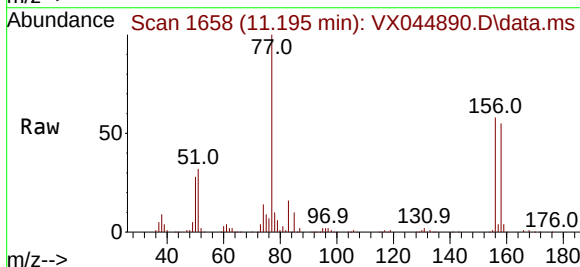
Manual Integrations
APPROVED

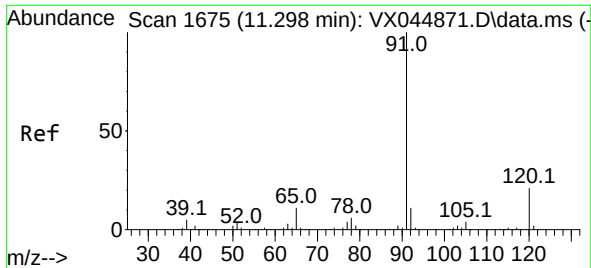
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#77
Bromobenzene
Concen: 50.993 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

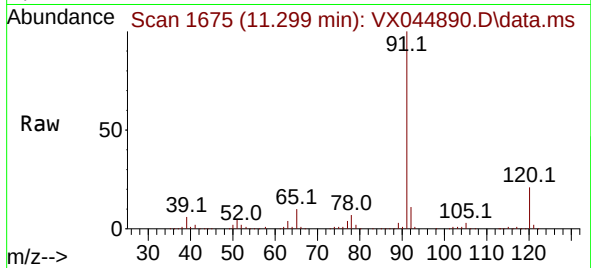
Tgt Ion:156 Resp: 77264
Ion Ratio Lower Upper
156 100
77 173.1 88.4 265.3
158 95.6 48.4 145.2





#78
n-propylbenzene
Concen: 50.983 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

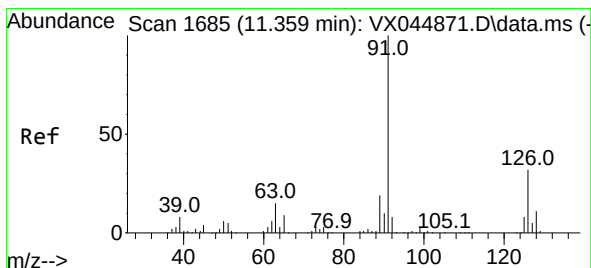
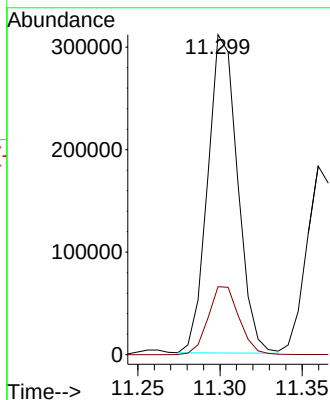
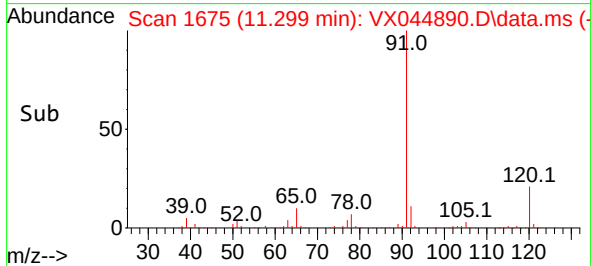
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



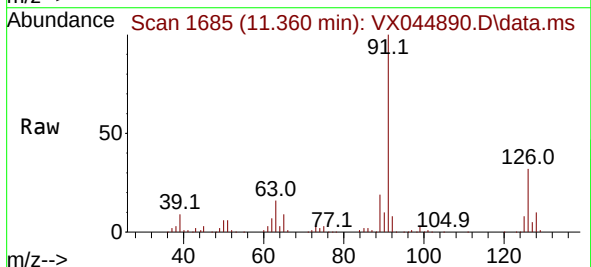
Tgt Ion: 91 Resp: 393280
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3

Manual Integrations
APPROVED

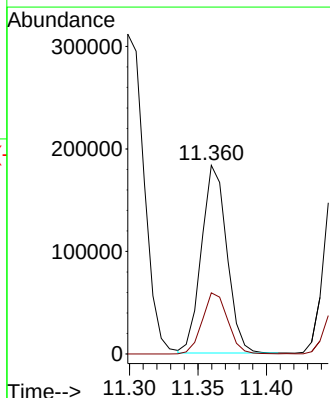
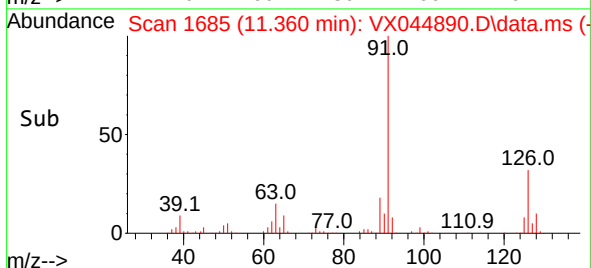
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

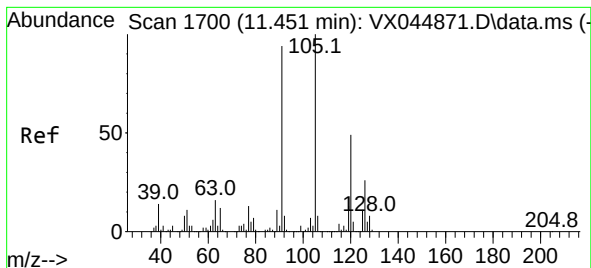


#79
2-Chlorotoluene
Concen: 49.710 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09



Tgt Ion: 91 Resp: 235674
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6





#80

1,3,5-Trimethylbenzene

Concen: 50.729 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-360-362MSD

Tgt Ion:105 Resp: 275124

Ion Ratio Lower Upper

105 100

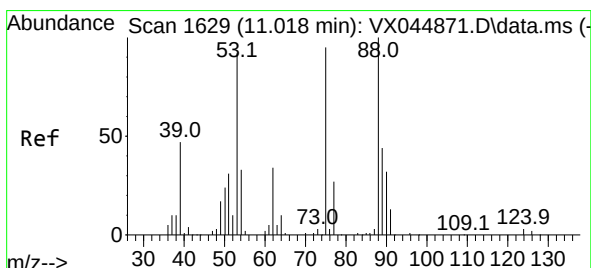
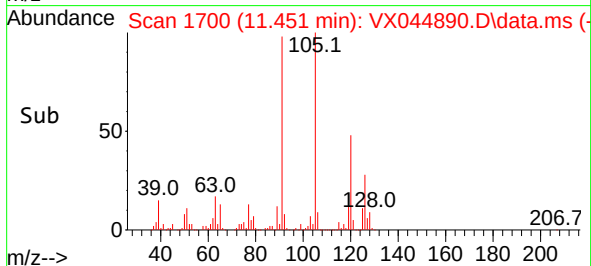
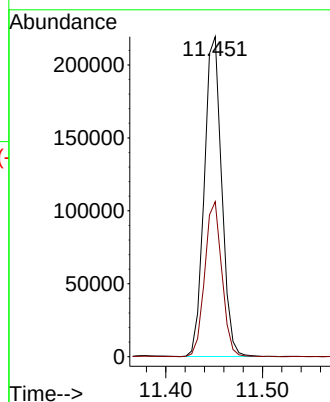
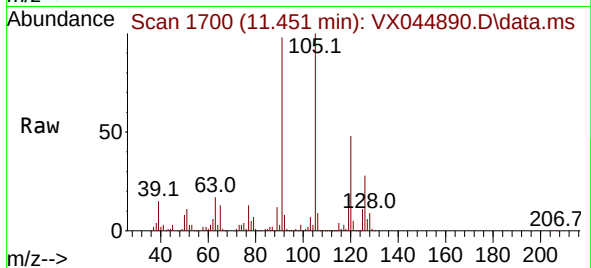
120 47.7 24.0 72.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 49.543 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX044890.D

Acq: 10 Feb 2025 19:09

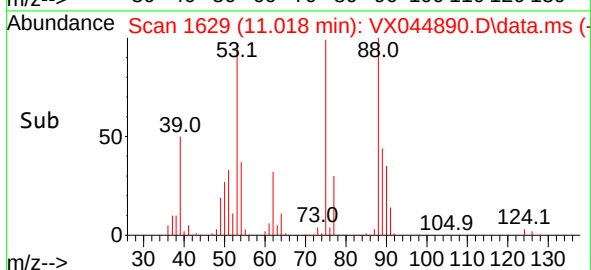
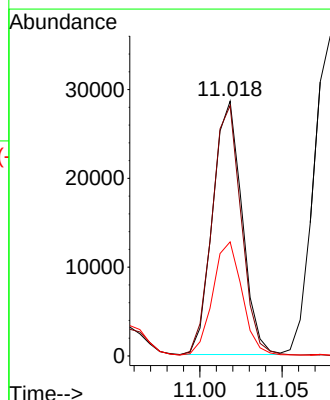
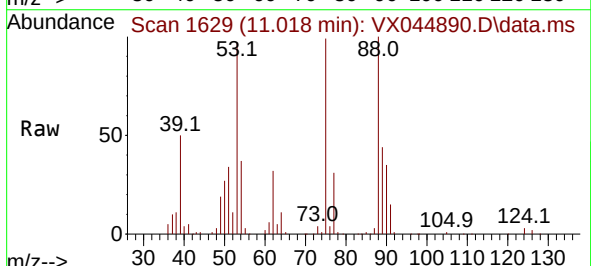
Tgt Ion: 75 Resp: 35443

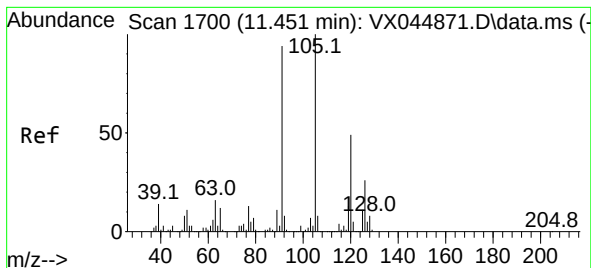
Ion Ratio Lower Upper

75 100

53 99.3 78.0 117.0

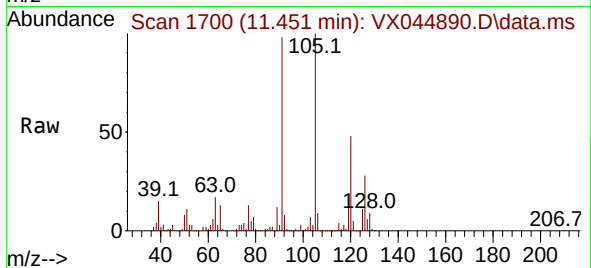
89 45.1 36.6 54.8





#82
4-Chlorotoluene
Concen: 50.605 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

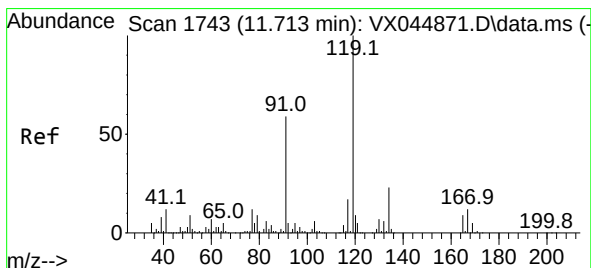
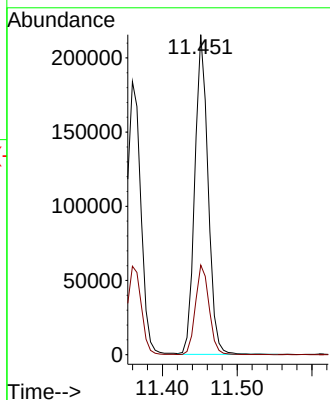
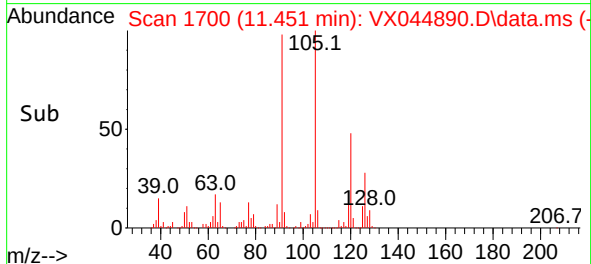
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



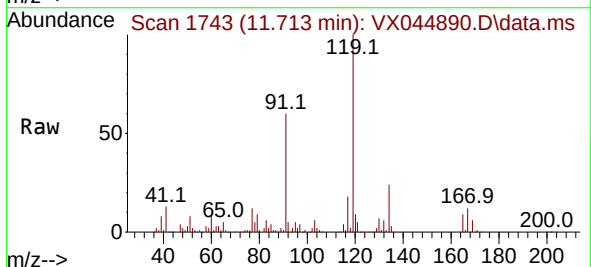
Tgt Ion: 91 Resp: 26543
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6

Manual Integrations
APPROVED

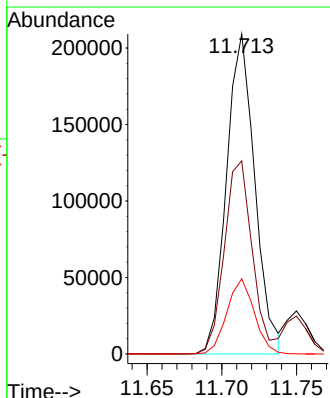
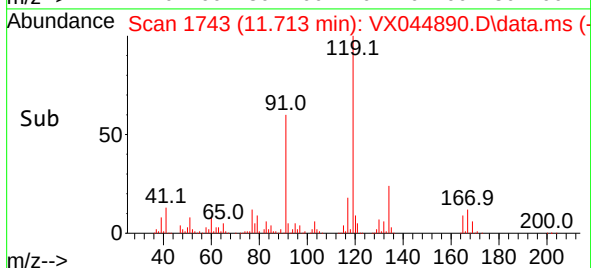
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

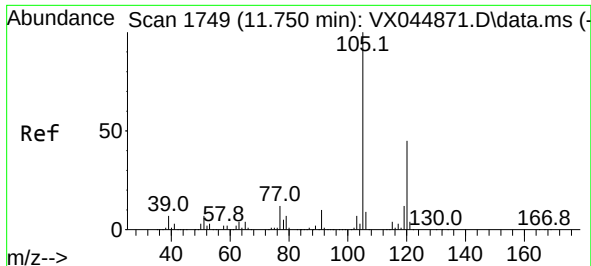


#83
tert-Butylbenzene
Concen: 50.304 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09



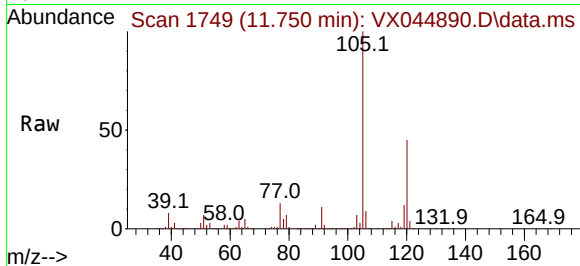
Tgt Ion:119 Resp: 275996
Ion Ratio Lower Upper
119 100
91 58.8 29.1 87.4
134 22.7 11.5 34.5





#84
1,2,4-Trimethylbenzene
Concen: 51.965 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

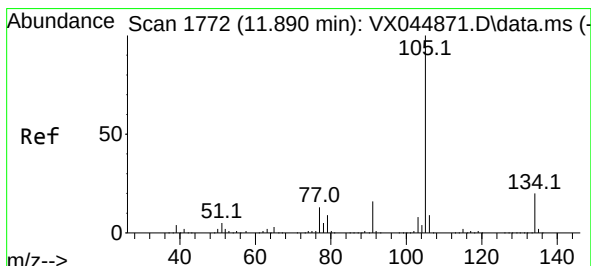
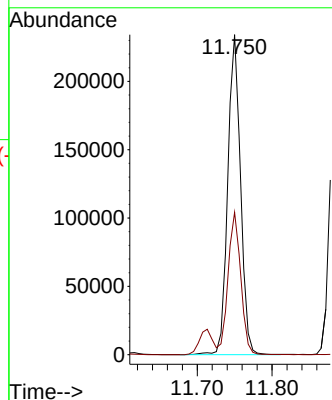
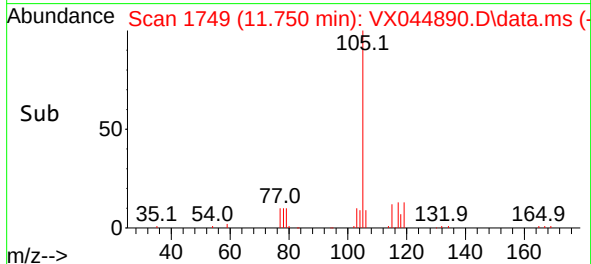
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



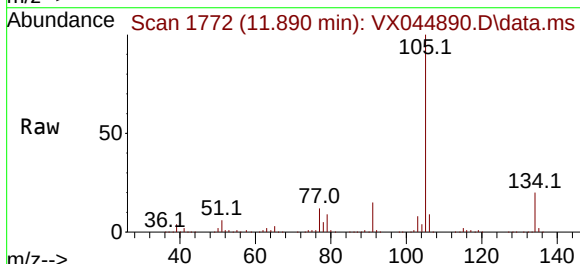
Tgt Ion:105 Resp: 27816
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.0

Manual Integrations
APPROVED

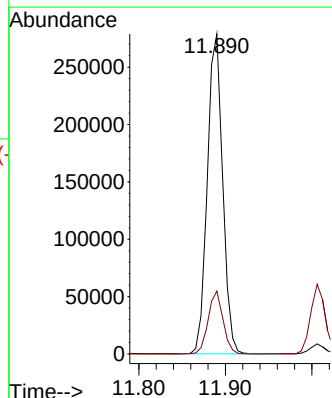
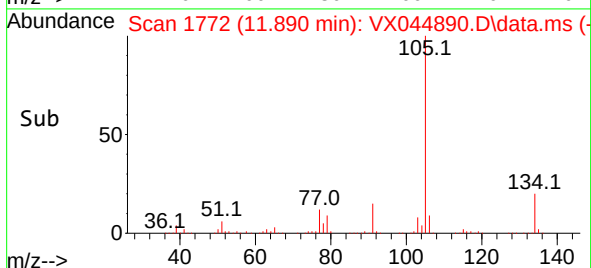
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

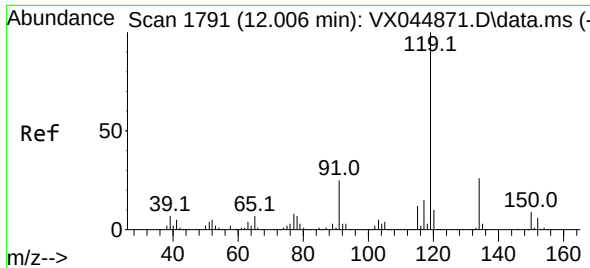


#85
sec-Butylbenzene
Concen: 50.415 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09



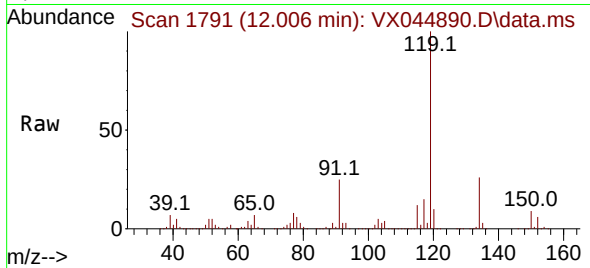
Tgt Ion:105 Resp: 342516
Ion Ratio Lower Upper
105 100
134 19.1 9.8 29.3





#86
p-Isopropyltoluene
Concen: 50.460 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

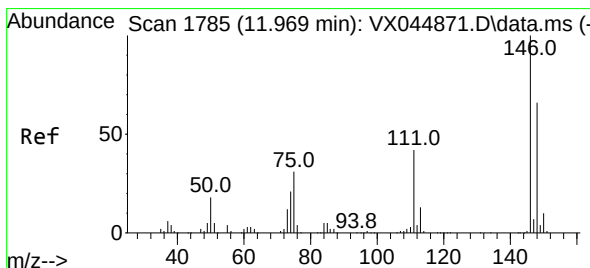
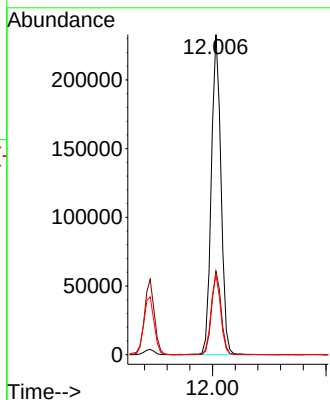
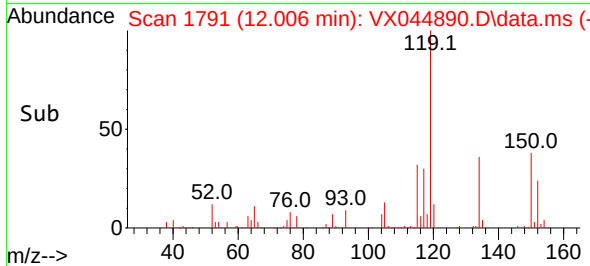
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



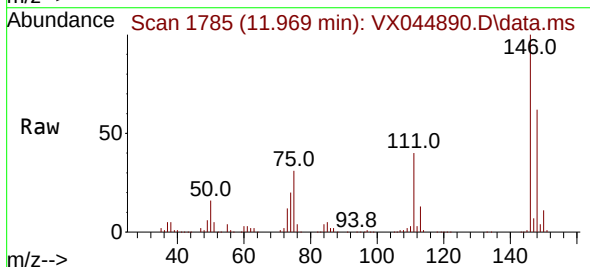
Tgt Ion:119 Resp: 275690
Ion Ratio Lower Upper
119 100
134 25.8 13.0 38.9
91 24.8 12.1 36.3

Manual Integrations
APPROVED

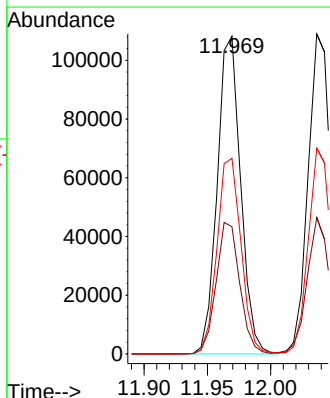
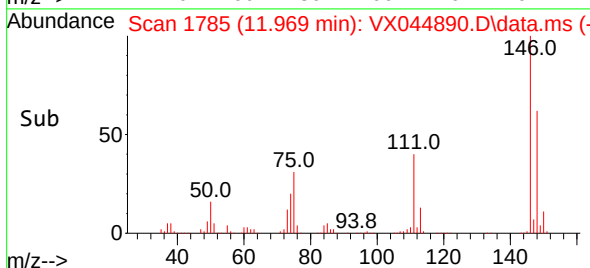
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

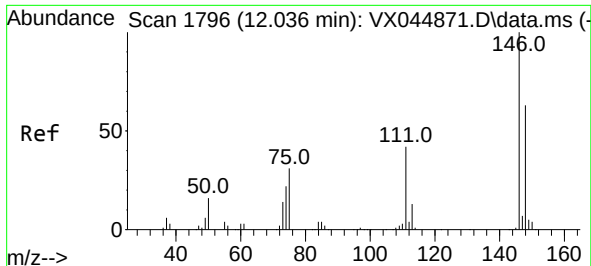


#87
1,3-Dichlorobenzene
Concen: 49.911 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09



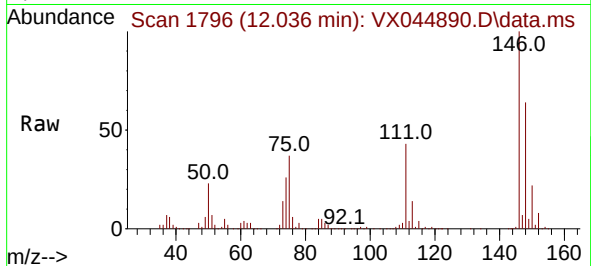
Tgt Ion:146 Resp: 139069
Ion Ratio Lower Upper
146 100
111 41.8 21.2 63.6
148 63.4 32.5 97.5





#88
1,4-Dichlorobenzene
Concen: 49.155 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

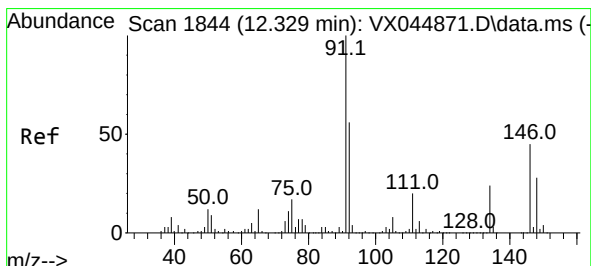
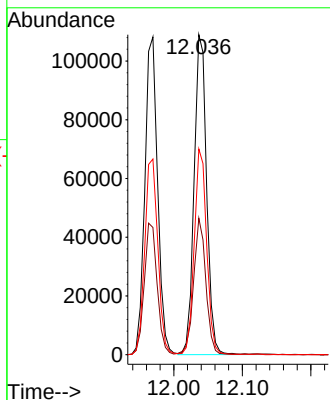
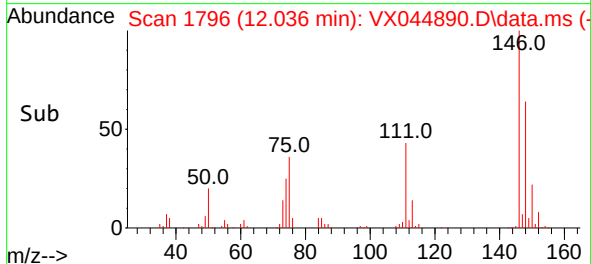
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



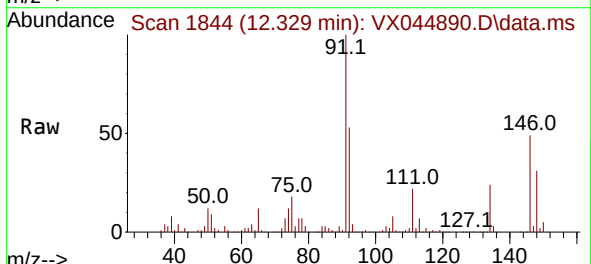
Tgt Ion:146 Resp: 13848
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.3
148 64.1 32.0 96.0

Manual Integrations
APPROVED

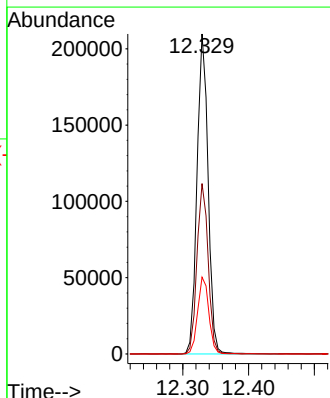
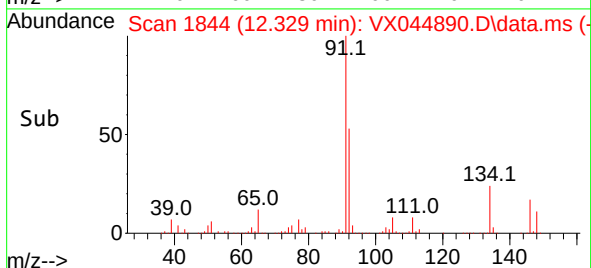
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

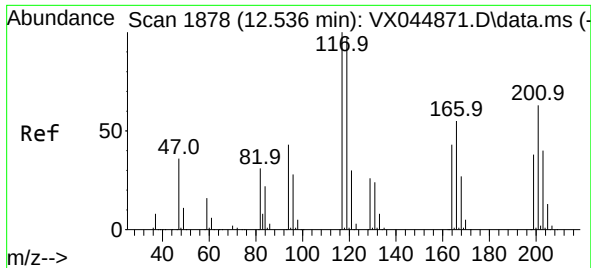


#89
n-Butylbenzene
Concen: 50.735 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09



Tgt Ion: 91 Resp: 245231
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.6
134 24.3 12.1 36.3





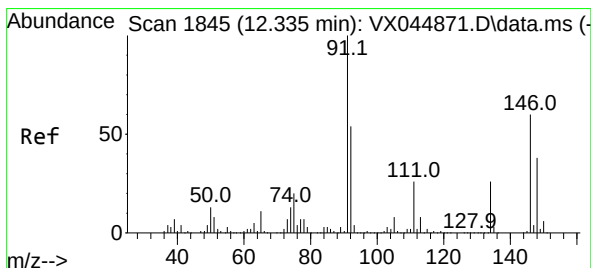
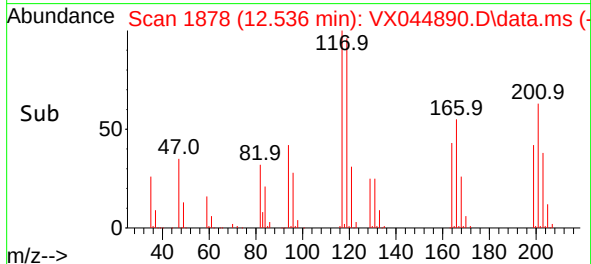
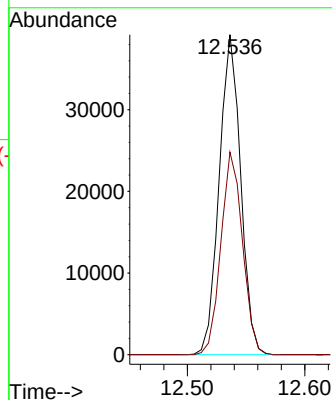
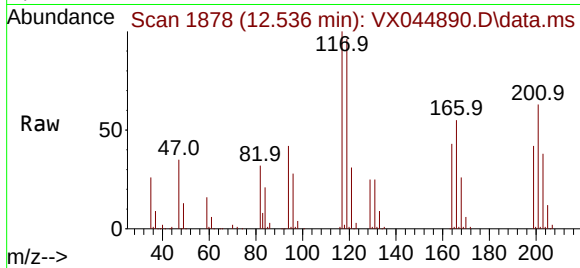
#90
Hexachloroethane
Concen: 48.641 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD

Tgt Ion:117 Resp: 4976
Ion Ratio Lower Upper
117 100
201 63.8 32.5 97.5

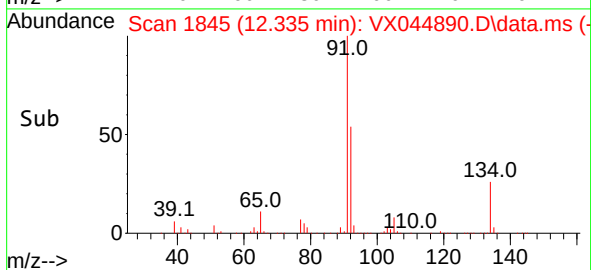
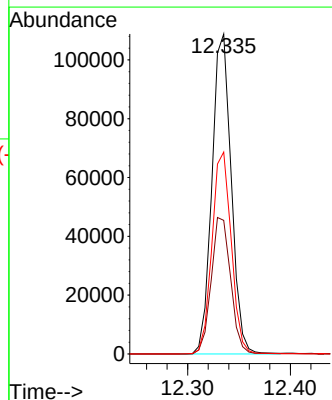
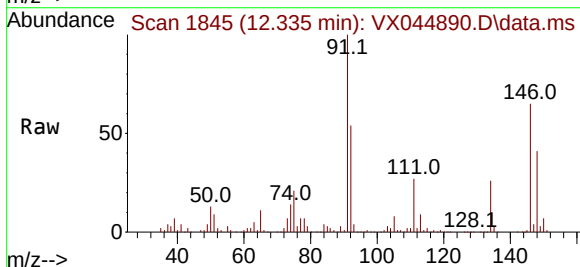
Manual Integrations
APPROVED

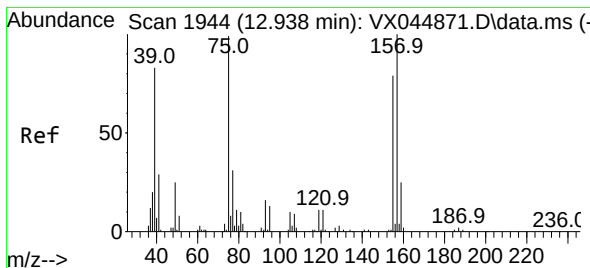
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#91
1,2-Dichlorobenzene
Concen: 51.675 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

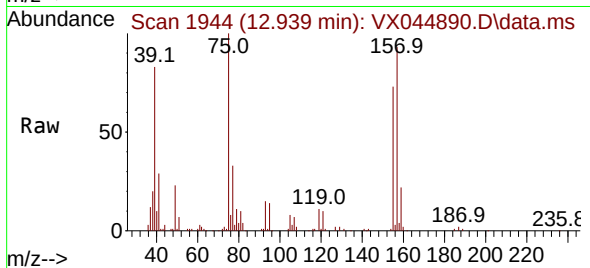
Tgt Ion:146 Resp: 141511
Ion Ratio Lower Upper
146 100
111 43.0 21.8 65.4
148 63.3 31.9 95.9





#92
1,2-Dibromo-3-Chloropropane
Concen: 54.263 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

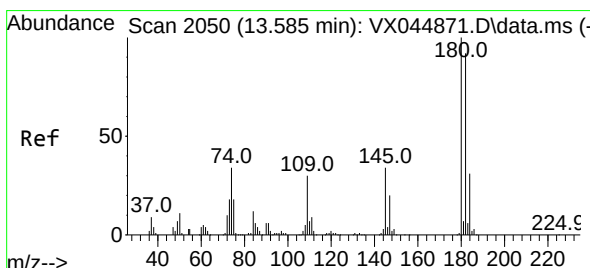
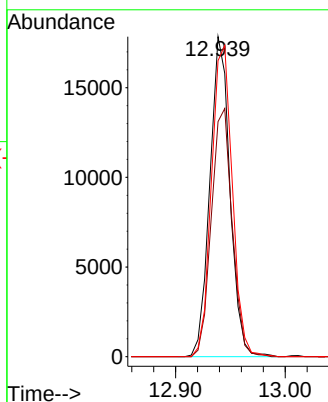
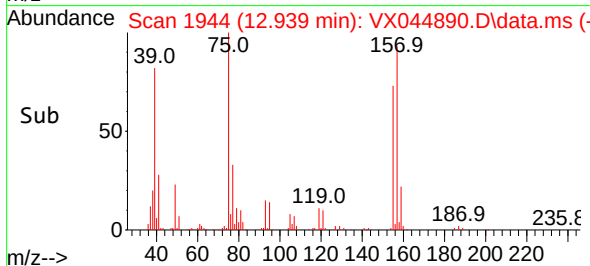
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD



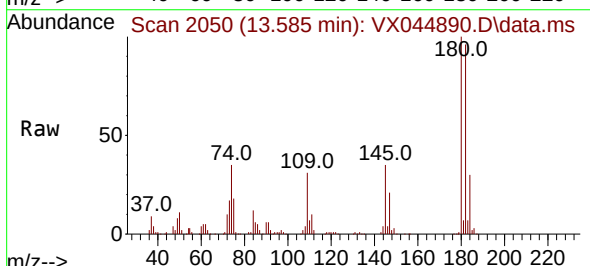
Tgt Ion: 75 Resp: 22744
Ion Ratio Lower Upper
75 100
155 80.2 40.5 121.4
157 101.0 51.4 154.3

Manual Integrations
APPROVED

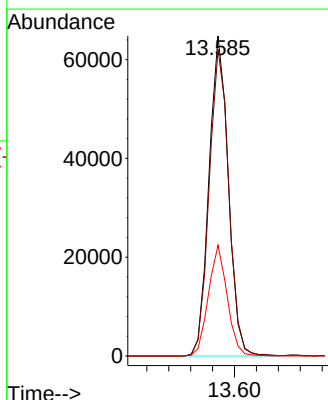
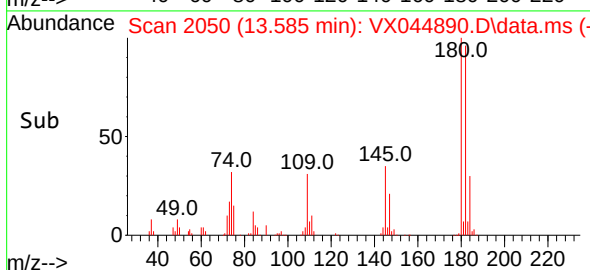
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

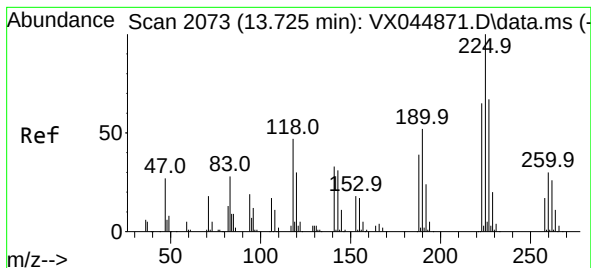


#93
1,2,4-Trichlorobenzene
Concen: 47.800 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09



Tgt Ion:180 Resp: 79208
Ion Ratio Lower Upper
180 100
182 97.1 47.6 142.8
145 33.6 16.4 49.1





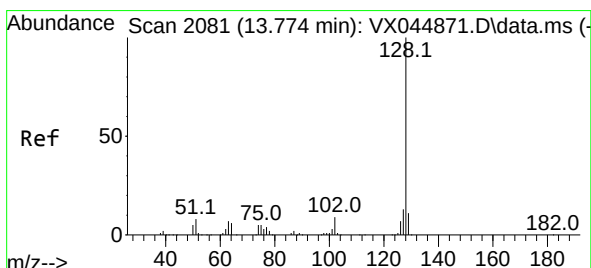
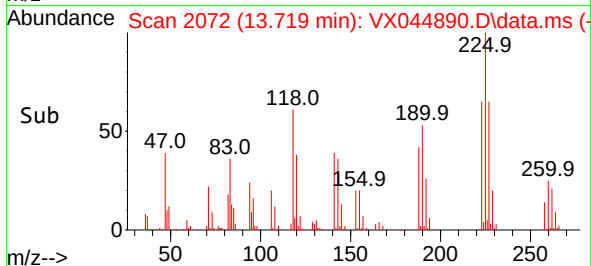
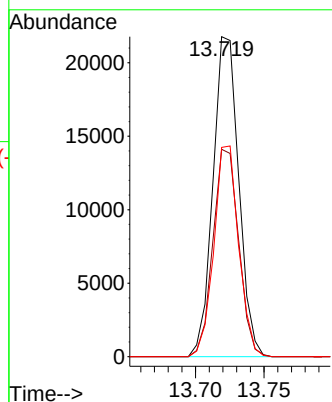
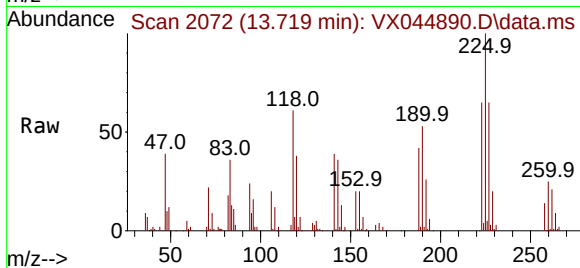
#94
Hexachlorobutadiene
Concen: 43.212 ug/l
RT: 13.719 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-360-362MSD

Tgt Ion:225 Resp: 28420
Ion Ratio Lower Upper
225 100
223 64.6 31.4 94.2
227 63.4 32.3 96.8

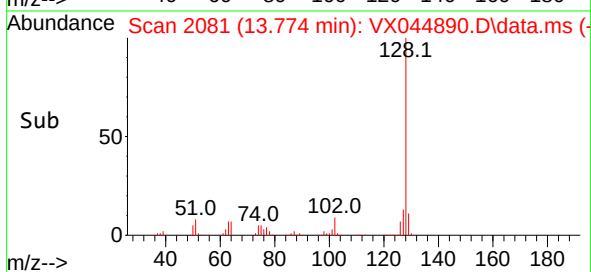
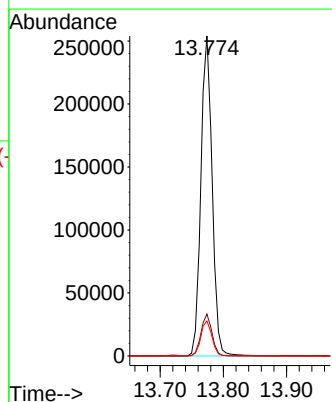
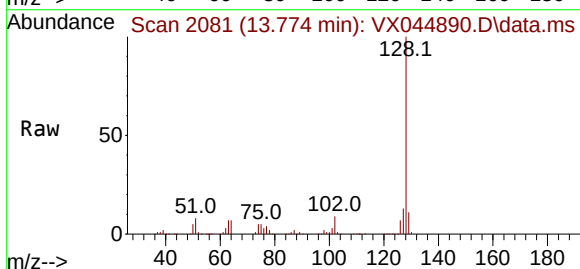
Manual Integrations
APPROVED

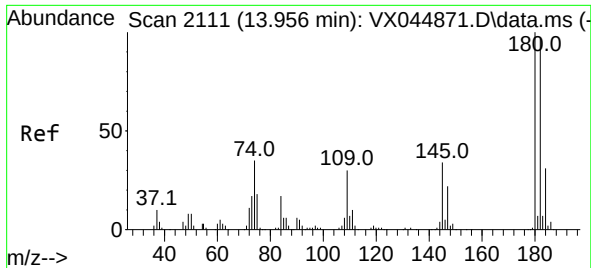
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#95
Naphthalene
Concen: 52.588 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044890.D
Acq: 10 Feb 2025 19:09

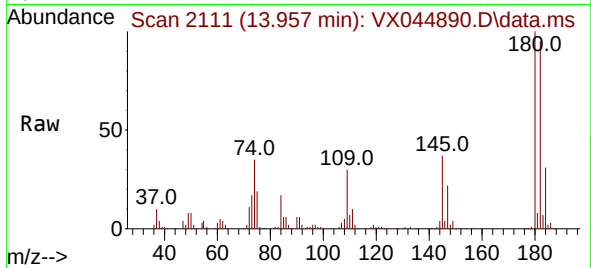
Tgt Ion:128 Resp: 315005
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 50.706 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX044890.D
 Acq: 10 Feb 2025 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-360-362MSD



Tgt Ion:180 Resp: 84660
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.9 143.6
 145 34.0 17.1 51.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

