

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046308.D
 Acq On : 21 May 2025 19:21
 Operator : JC/MD
 Sample : Q2082-11MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-400-402MSD

Quant Time: May 22 01:55:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	79940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75461	50.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.260%			
35) Dibromofluoromethane	5.379	113	51775	49.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.340%			
50) Toluene-d8	8.647	98	177350	48.662	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.320%			
62) 4-Bromofluorobenzene	11.079	95	69796	49.926	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	56485	46.165	ug/l	96
3) Chloromethane	1.301	50	62438	52.623	ug/l	100
4) Vinyl Chloride	1.374	62	56021	50.730	ug/l	98
5) Bromomethane	1.593	94	26218	51.188	ug/l	99
6) Chloroethane	1.666	64	32465	55.071	ug/l	98
7) Trichlorofluoromethane	1.874	101	85494	52.385	ug/l	98
8) Diethyl Ether	2.136	74	29457	53.021	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	46123	45.667	ug/l	99
10) Methyl Iodide	2.447	142	63752	53.346	ug/l	99
11) Tert butyl alcohol	2.977	59	63034	301.312	ug/l	98
12) 1,1-Dichloroethene	2.313	96	49275	51.984	ug/l	99
13) Acrolein	2.233	56	72947	306.186	ug/l	99
14) Allyl chloride	2.660	41	101961	56.283	ug/l	96
15) Acrylonitrile	3.063	53	171868	287.314	ug/l	98
16) Acetone	2.386	43	169394	283.478	ug/l	97
17) Carbon Disulfide	2.502	76	110196	49.036	ug/l	99
18) Methyl Acetate	2.703	43	83751	60.398	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	185829	55.918	ug/l	100
20) Methylene Chloride	2.782	84	58553	51.133	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	50071	52.527	ug/l	97
22) Diisopropyl ether	3.758	45	199011	56.871	ug/l	100
23) Vinyl Acetate	3.721	43	809283	262.943	ug/l	99
24) 1,1-Dichloroethane	3.605	63	108640	55.740	ug/l	98
25) 2-Butanone	4.556	43	254185	293.001	ug/l	100
26) 2,2-Dichloropropane	4.471	77	69722	45.703	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	62464	54.432	ug/l	99
28) Bromochloromethane	4.891	49	50751	54.095	ug/l	95
29) Tetrahydrofuran	5.001	42	160476	295.204	ug/l	99
30) Chloroform	5.087	83	112721	55.486	ug/l	98
31) Cyclohexane	5.458	56	87166	49.077	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	96802	54.969	ug/l	99
36) 1,1-Dichloropropene	5.684	75	71475	50.520	ug/l	99
37) Ethyl Acetate	4.709	43	89163	51.009	ug/l	99
38) Carbon Tetrachloride	5.666	117	81748	51.425	ug/l	97
39) Methylcyclohexane	7.373	83	78606	43.156	ug/l	97
40) Benzene	6.032	78	217183	52.408	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53625	58.646	ug/l	98
42) 1,2-Dichloroethane	6.080	62	94041	52.580	ug/l	100
43) Isopropyl Acetate	6.336	43	143709	53.891	ug/l	99
44) Trichloroethene	7.123	130	51114	51.247	ug/l	99
45) 1,2-Dichloropropane	7.428	63	54790	53.171	ug/l	95
46) Dibromomethane	7.574	93	42785	52.644	ug/l	98
47) Bromodichloromethane	7.818	83	87459	54.637	ug/l	99
48) Methyl methacrylate	7.690	41	77929	57.222	ug/l	98
49) 1,4-Dioxane	7.659	88	31310	1210.825	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	509615	287.904	ug/l	99
52) Toluene	8.714	92	134212	52.817	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	75416	53.005	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	83532	53.119	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	54521	54.415	ug/l	98
56) Ethyl methacrylate	9.116	69	91572	57.344	ug/l	98
57) 1,3-Dichloropropane	9.305	76	94909	52.744	ug/l	99
59) 2-Hexanone	9.427	43	383797	293.071	ug/l	100
60) Dibromochloromethane	9.519	129	61539	55.926	ug/l	97
61) 1,2-Dibromoethane	9.604	107	55600	53.390	ug/l	97
64) Tetrachloroethene	9.269	164	44612	49.494	ug/l	97
65) Chlorobenzene	10.080	112	145504	52.183	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	51571	54.164	ug/l	100
67) Ethyl Benzene	10.189	91	262796	53.467	ug/l	99
68) m/p-Xylenes	10.299	106	189962	105.672	ug/l	96
69) o-Xylene	10.640	106	95172	54.305	ug/l	99
70) Styrene	10.653	104	151475	52.763	ug/l	99
71) Bromoform	10.799	173	38705	54.145	ug/l #	99
73) Isopropylbenzene	10.957	105	252133	54.364	ug/l	99
74) N-amyl acetate	10.842	43	123928	54.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	86448	53.190	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	77248m	53.872	ug/l	
77) Bromobenzene	11.195	156	56888	52.834	ug/l	99
78) n-propylbenzene	11.299	91	292439	54.229	ug/l	100
79) 2-Chlorotoluene	11.360	91	181325	52.131	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	209753	54.135	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22629	51.378	ug/l	98
82) 4-Chlorotoluene	11.451	91	206552	53.548	ug/l	99
83) tert-Butylbenzene	11.713	119	209369	53.645	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	213049	54.297	ug/l	100
85) sec-Butylbenzene	11.890	105	253076	52.812	ug/l	99
86) p-Isopropyltoluene	12.006	119	210537	53.227	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	102778	52.302	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	102559	51.104	ug/l	99
89) n-Butylbenzene	12.329	91	183546	52.901	ug/l	99
90) Hexachloroethane	12.536	117	36929	52.993	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	102829	52.146	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20476	56.870	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	55448	48.956	ug/l	99
94) Hexachlorobutadiene	13.725	225	22897	46.289	ug/l	96
95) Naphthalene	13.774	128	215650	51.914	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	58046	49.669	ug/l	98

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ClientSampleId :
BP-VPB-182-GW-400-402MSD

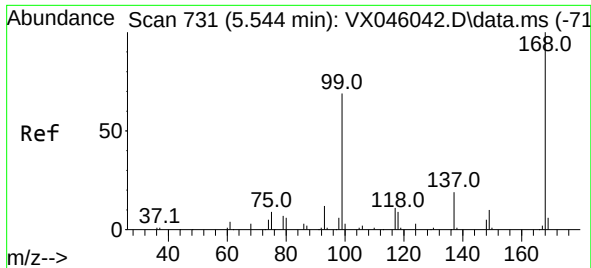
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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



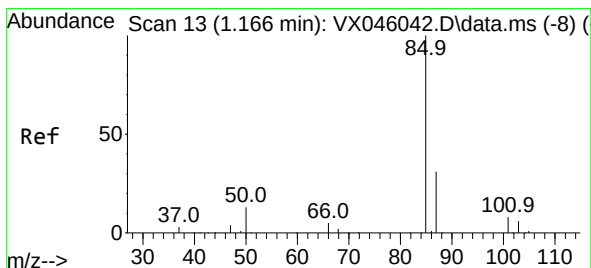
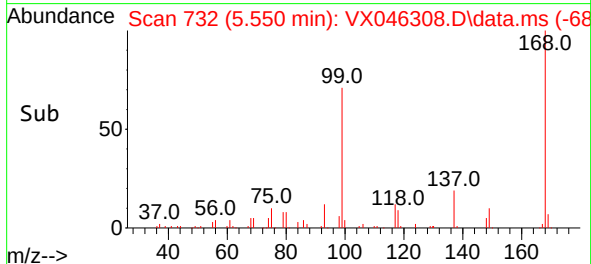
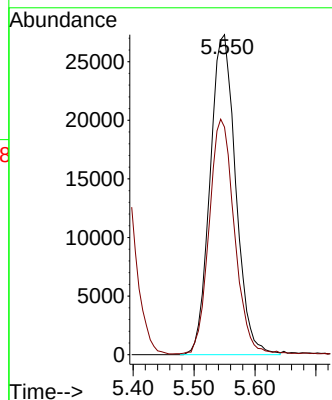
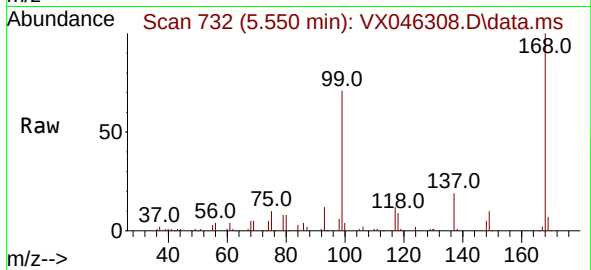
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD

Tgt Ion:168 Resp: 79940
Ion Ratio Lower Upper
168 100
99 70.8 54.9 82.3

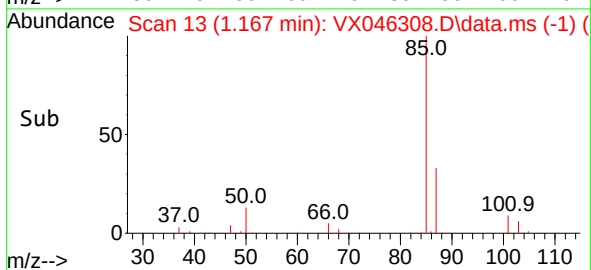
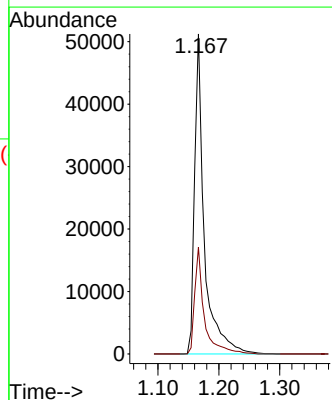
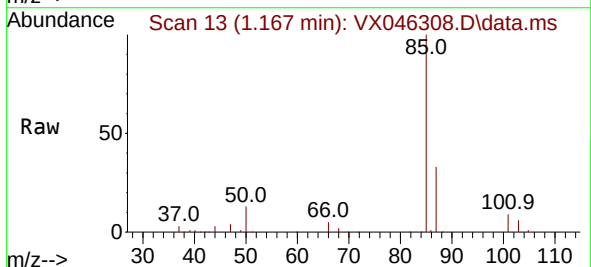
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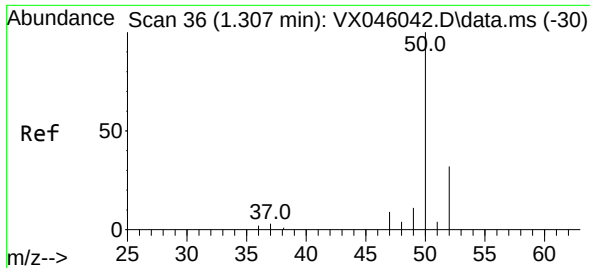
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#2
Dichlorodifluoromethane
Concen: 46.165 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Tgt Ion: 85 Resp: 56485
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.1





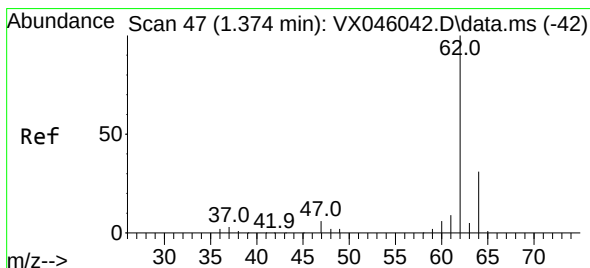
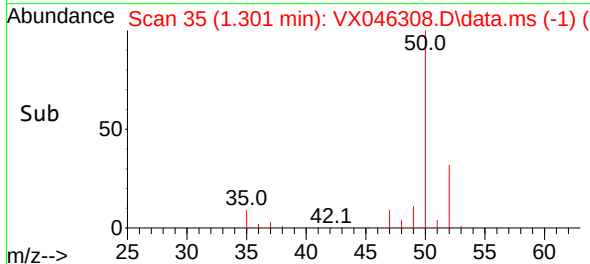
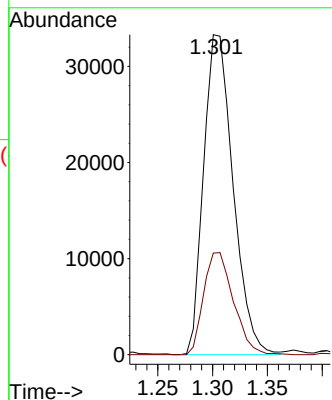
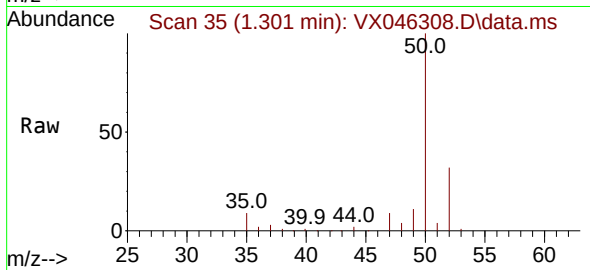
#3
Chloromethane
Concen: 52.623 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD

Tgt Ion: 50 Resp: 62438
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

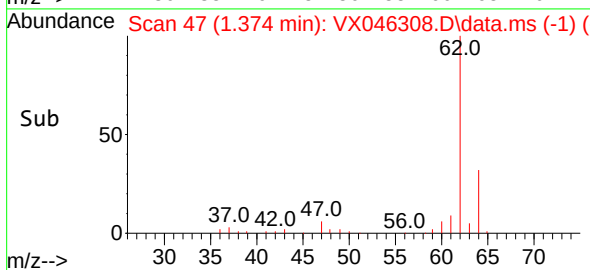
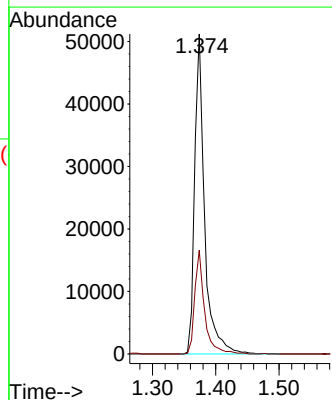
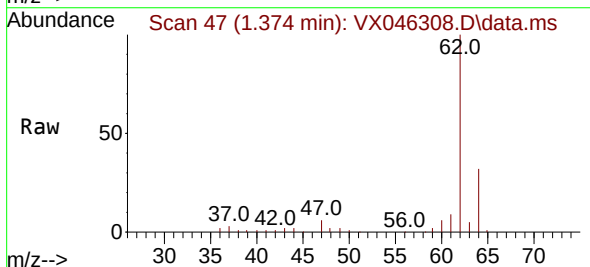
Manual Integrations
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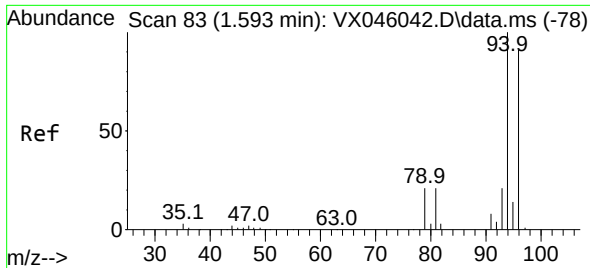
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#4
Vinyl Chloride
Concen: 50.730 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046308.D
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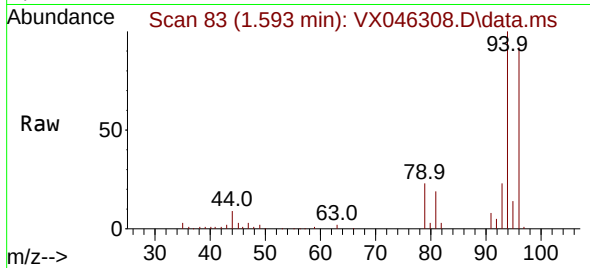
Tgt Ion: 62 Resp: 56021
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8





#5
Bromomethane
Concen: 51.188 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

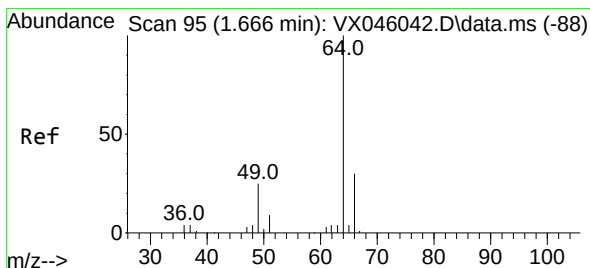
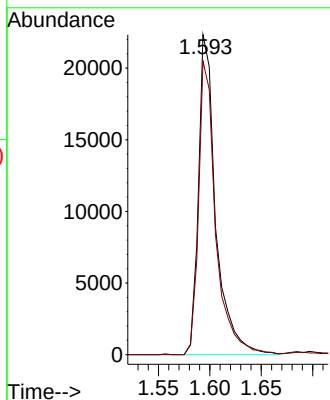
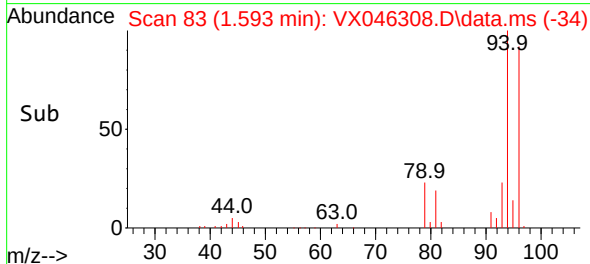
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Tgt Ion: 94 Resp: 26218
Ion Ratio Lower Upper
94 100
96 91.7 72.8 109.2

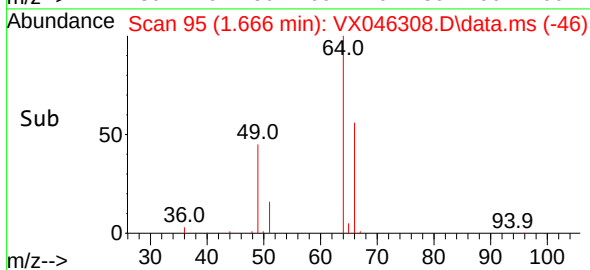
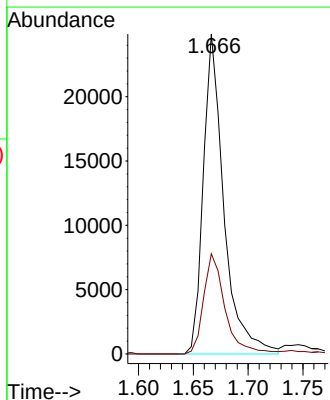
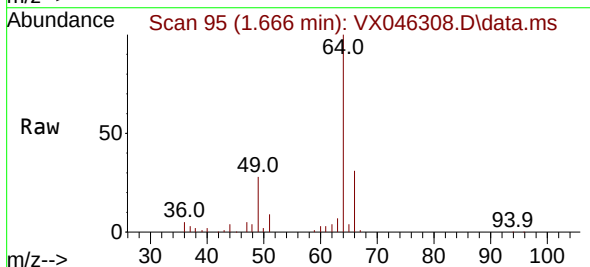
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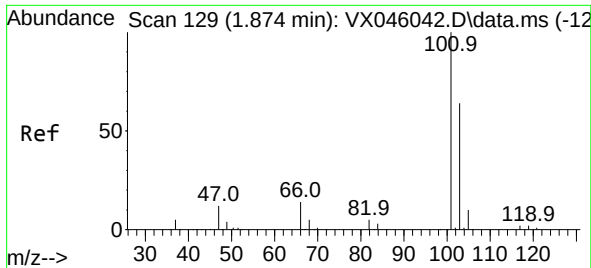
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#6
Chloroethane
Concen: 55.071 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046308.D
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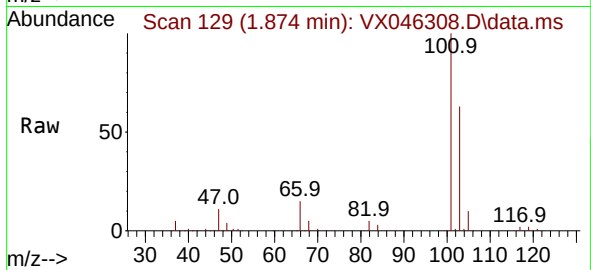
Tgt Ion: 64 Resp: 32465
Ion Ratio Lower Upper
64 100
66 31.3 24.3 36.5





#7
Trichlorofluoromethane
Concen: 52.385 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046308.D
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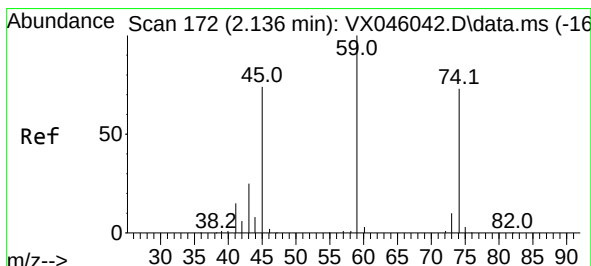
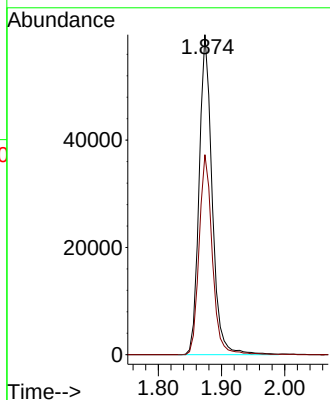
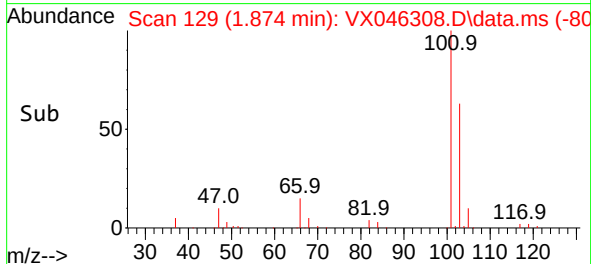
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion:101 Resp: 85494
Ion Ratio Lower Upper
101 100
103 62.5 51.0 76.4

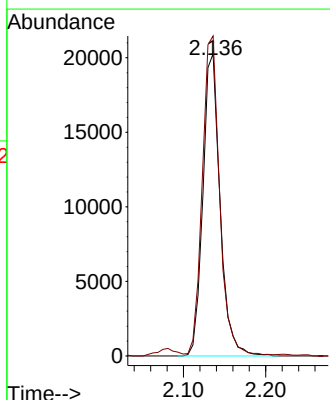
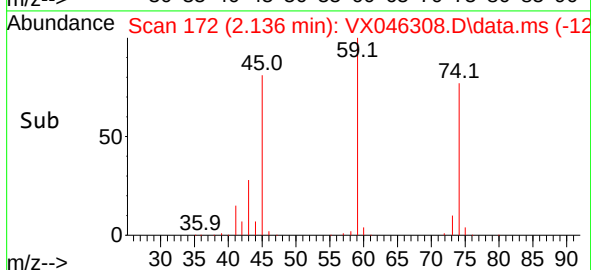
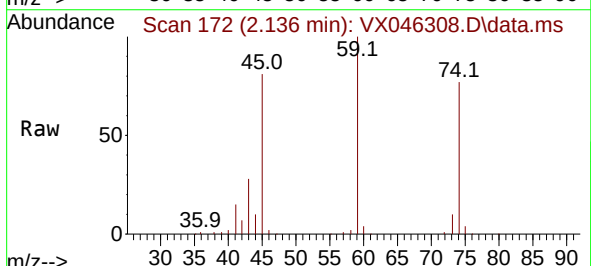
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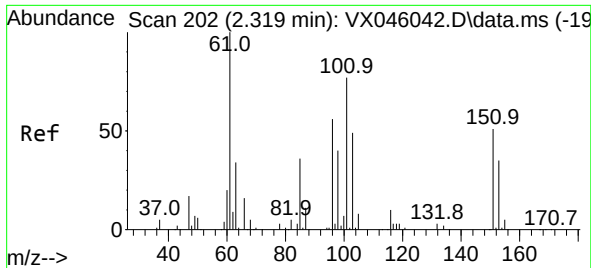
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#8
Diethyl Ether
Concen: 53.021 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Tgt Ion: 74 Resp: 29457
Ion Ratio Lower Upper
74 100
45 106.2 54.9 164.8





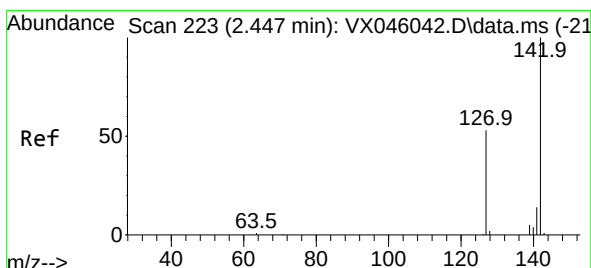
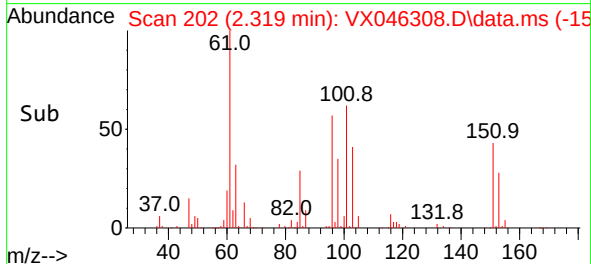
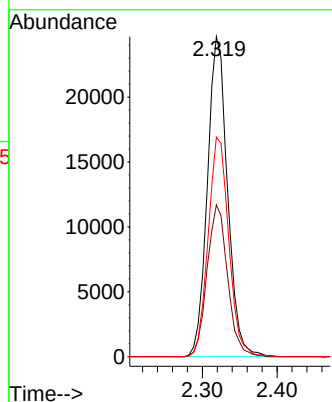
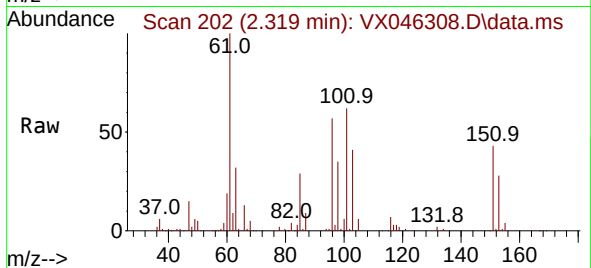
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.667 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD

Tgt Ion:101 Resp: 4612
Ion Ratio Lower Upper
101 100
85 48.3 38.6 58.0
151 70.3 55.2 82.8

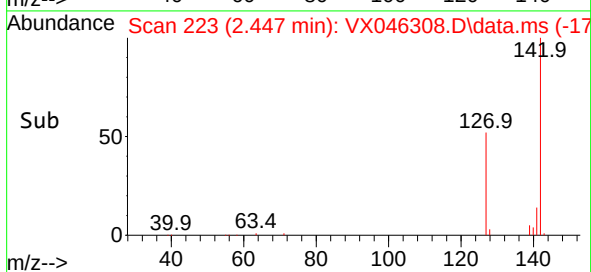
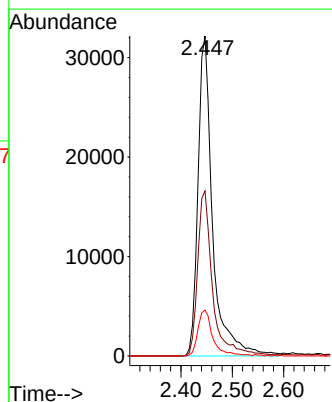
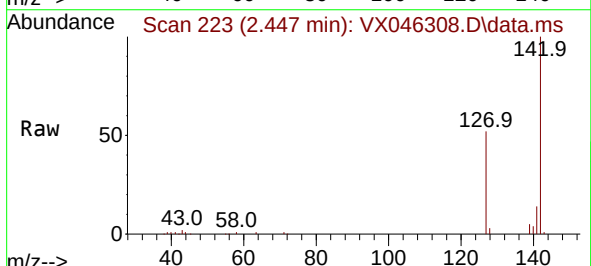
Manual Integrations
APPROVED

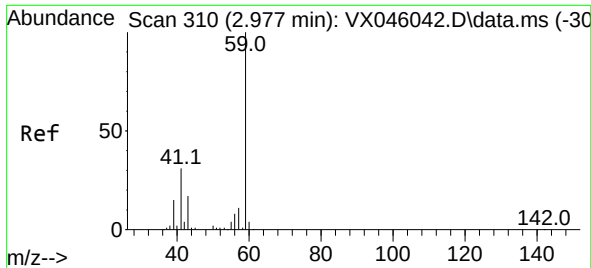
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#10
Methyl Iodide
Concen: 53.346 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

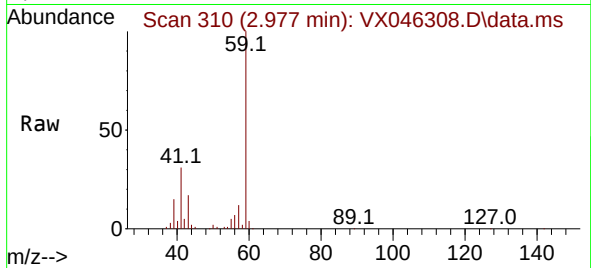
Tgt Ion:142 Resp: 63752
Ion Ratio Lower Upper
142 100
127 52.7 41.7 62.5
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 301.312 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

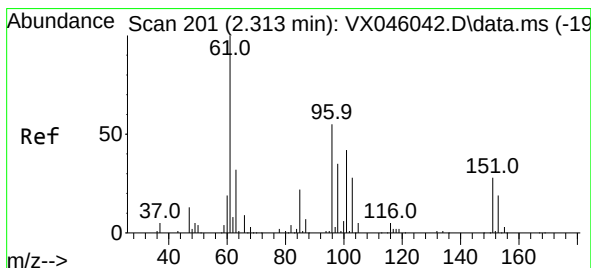
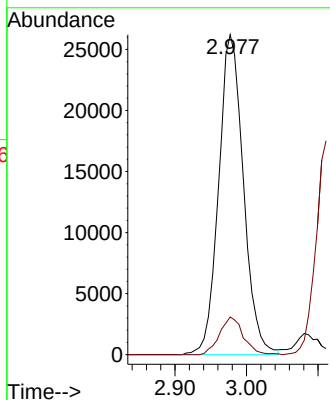
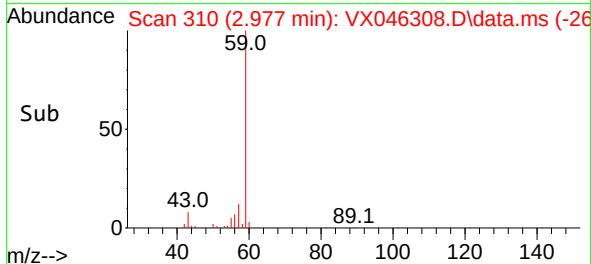
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



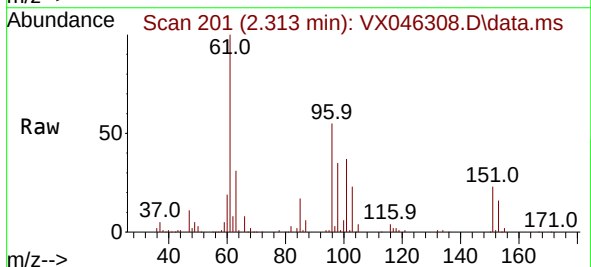
Tgt Ion: 59 Resp: 63034
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

Manual Integrations
APPROVED

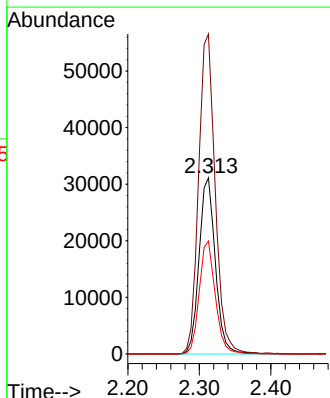
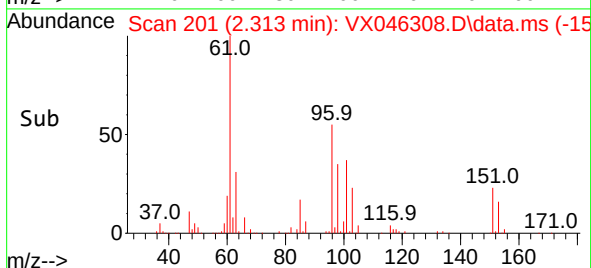
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

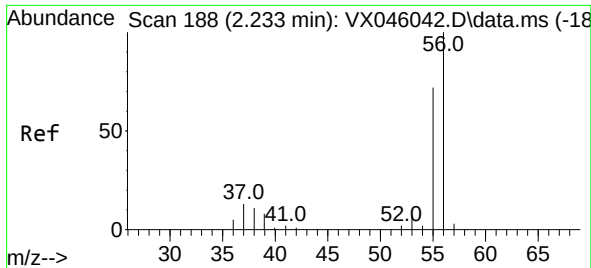


#12
1,1-Dichloroethene
Concen: 51.984 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



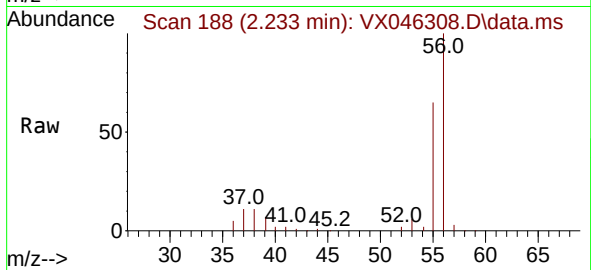
Tgt Ion: 96 Resp: 49275
Ion Ratio Lower Upper
96 100
61 181.6 146.2 219.2
98 64.1 51.0 76.6





#13
Acrolein
Concen: 306.186 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

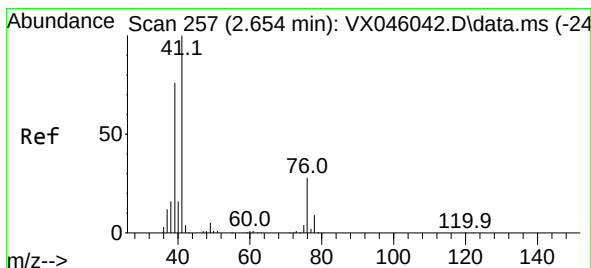
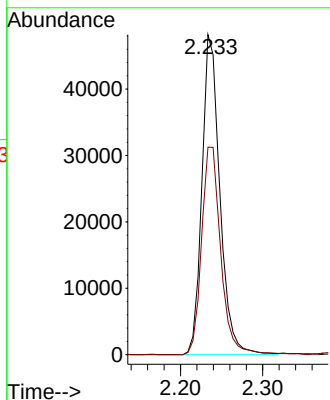
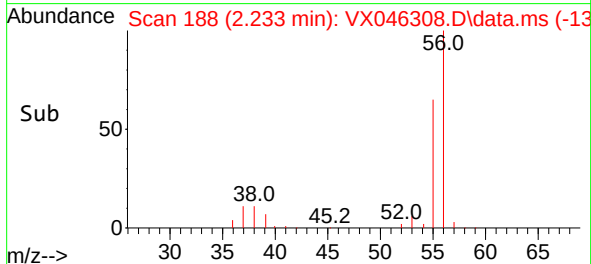
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 56 Resp: 7294
Ion Ratio Lower Upper
56 100
55 69.8 56.2 84.4

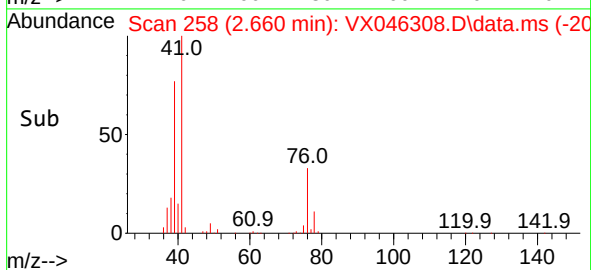
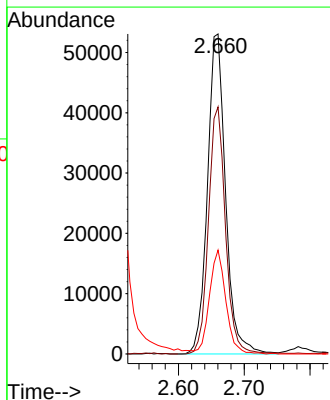
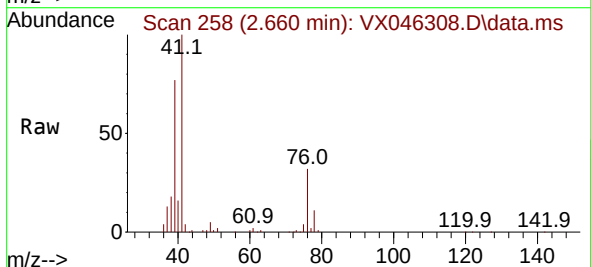
Manual Integrations
APPROVED

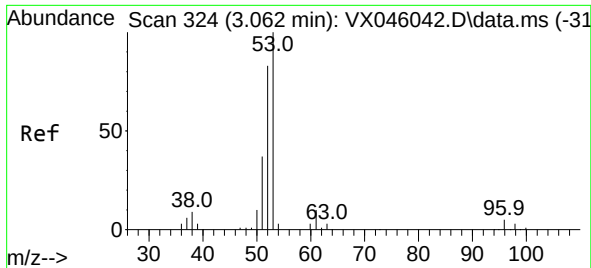
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#14
Allyl chloride
Concen: 56.283 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

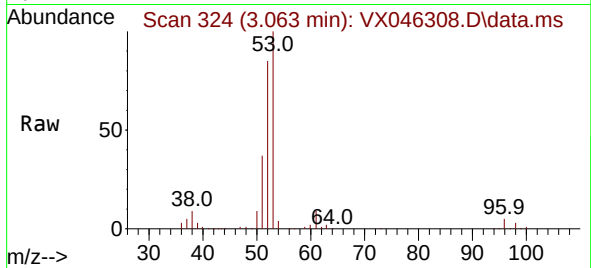
Tgt Ion: 41 Resp: 101961
Ion Ratio Lower Upper
41 100
39 72.5 60.6 90.8
76 29.4 24.9 37.3





#15
Acrylonitrile
Concen: 287.314 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

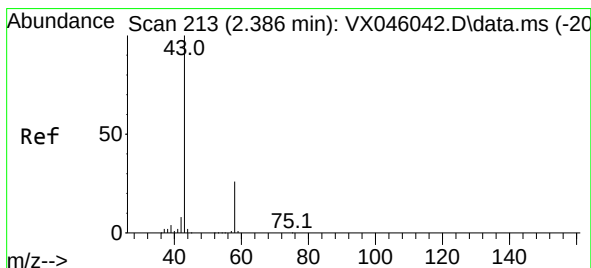
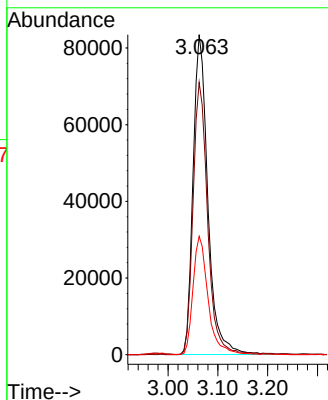
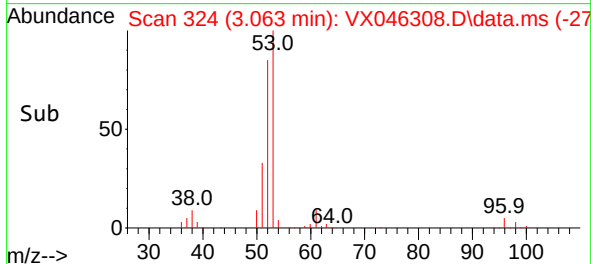
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 53 Resp: 17186
Ion Ratio Lower Upper
53 100
52 84.4 65.3 97.9
51 37.6 29.8 44.8

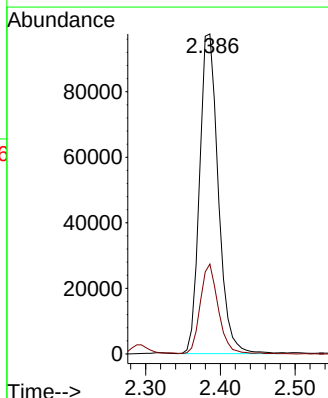
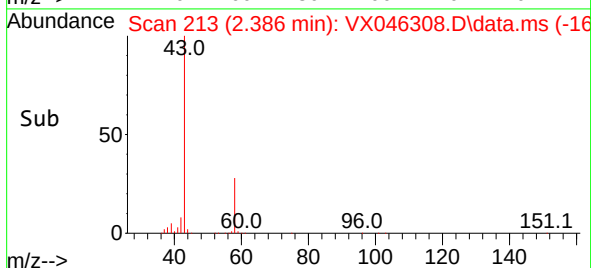
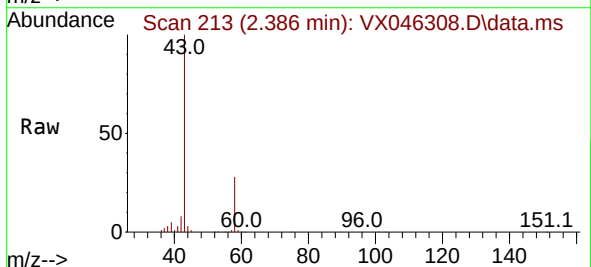
Manual Integrations
APPROVED

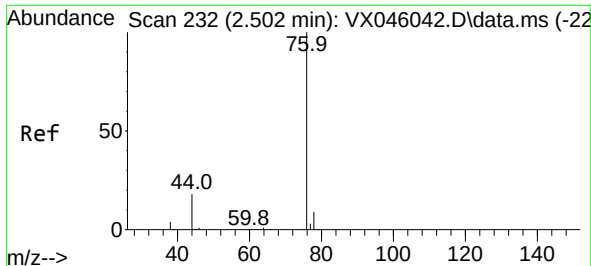
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#16
Acetone
Concen: 283.478 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

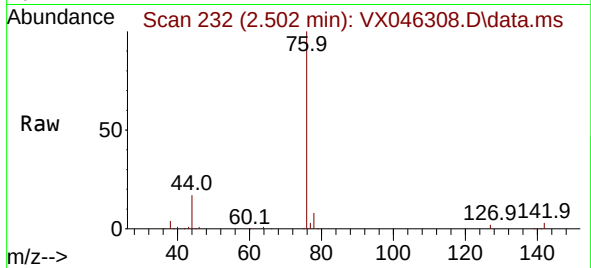
Tgt Ion: 43 Resp: 169394
Ion Ratio Lower Upper
43 100
58 28.0 21.2 31.8





#17
Carbon Disulfide
Concen: 49.036 ug/l
RT: 2.502 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

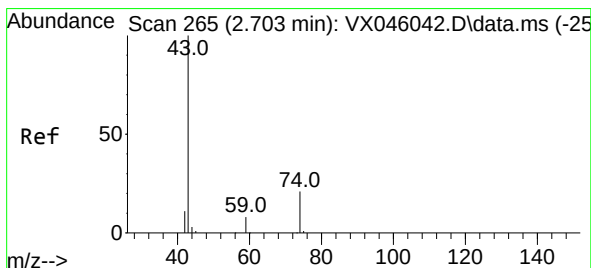
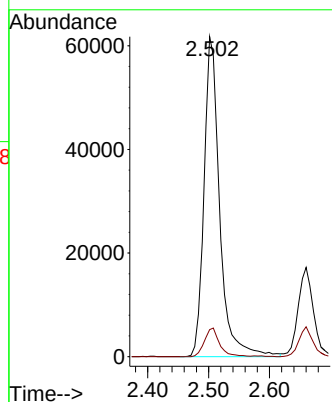
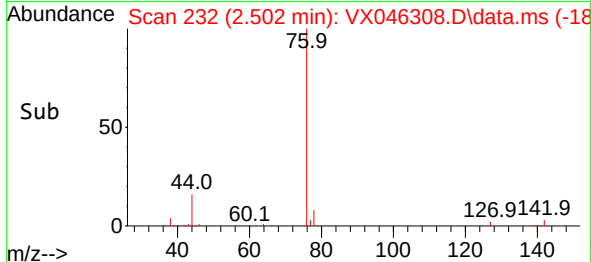
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 76 Resp: 110190
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4

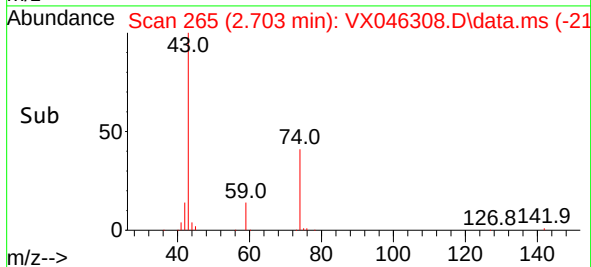
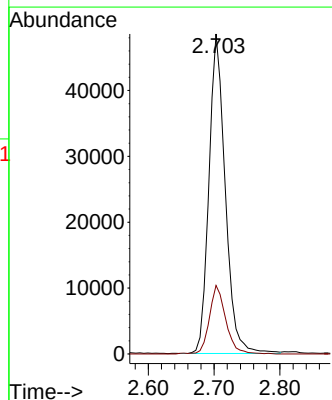
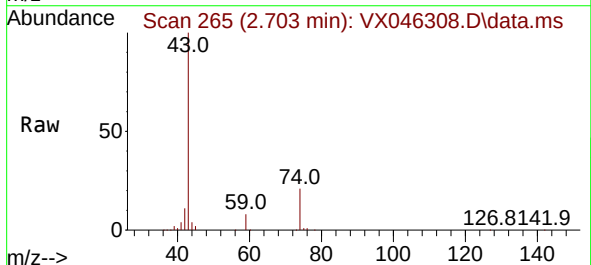
Manual Integrations
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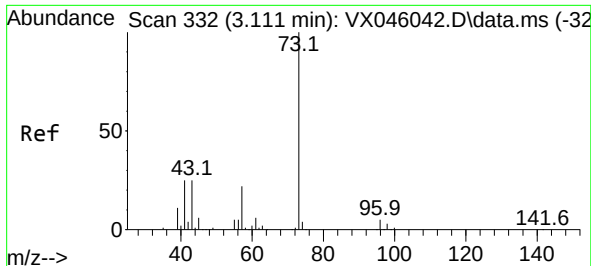
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#18
Methyl Acetate
Concen: 60.398 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

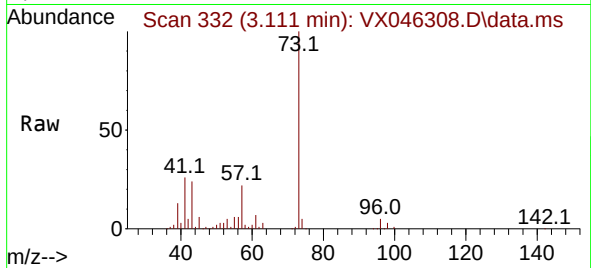
Tgt Ion: 43 Resp: 83751
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 55.918 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

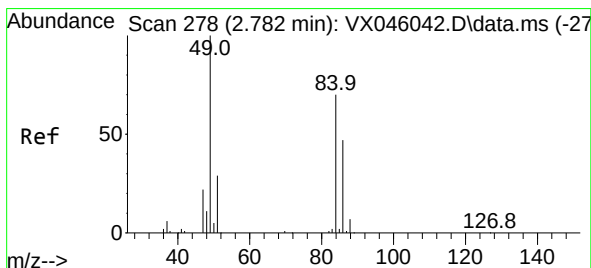
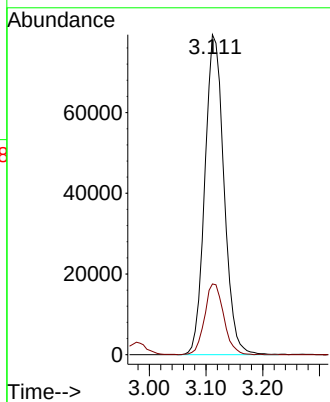
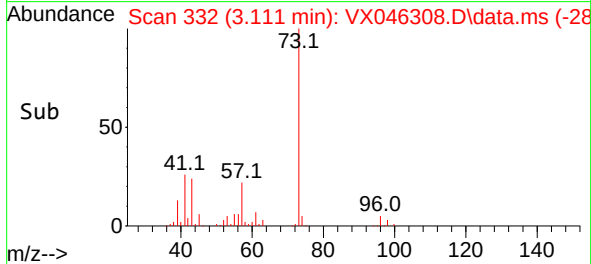
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 73 Resp: 185829
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

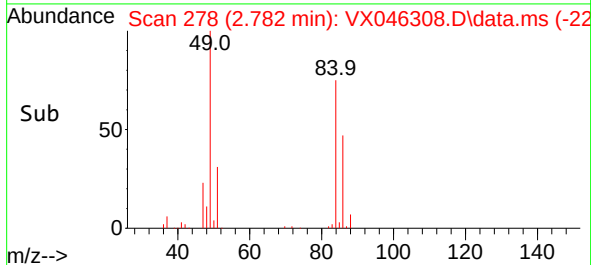
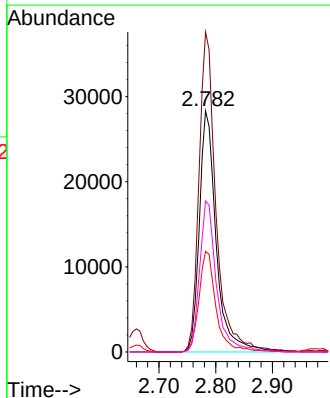
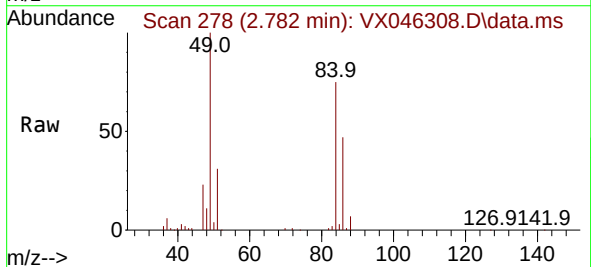
Manual Integrations
APPROVED

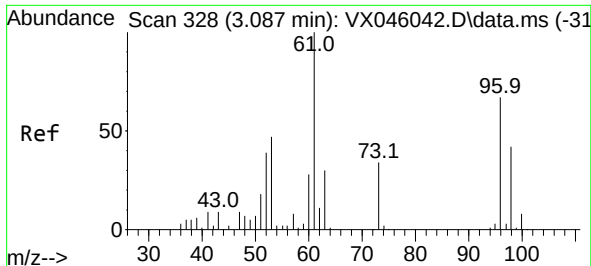
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#20
Methylene Chloride
Concen: 51.133 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

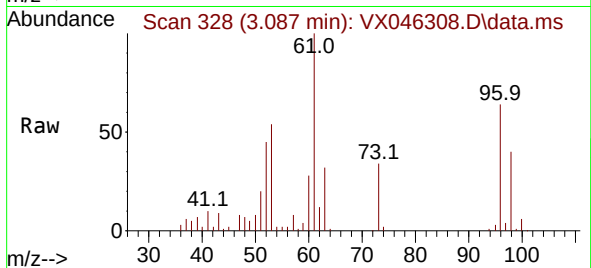
Tgt Ion: 84 Resp: 58553
Ion Ratio Lower Upper
84 100
49 132.7 113.9 170.9
51 41.8 33.5 50.3
86 62.6 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 52.527 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

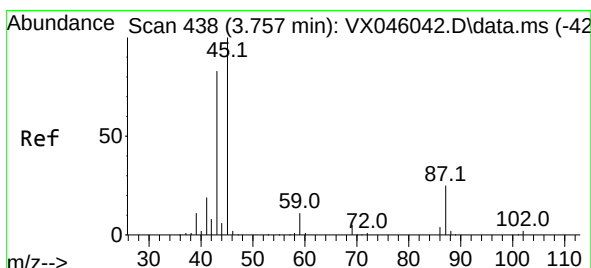
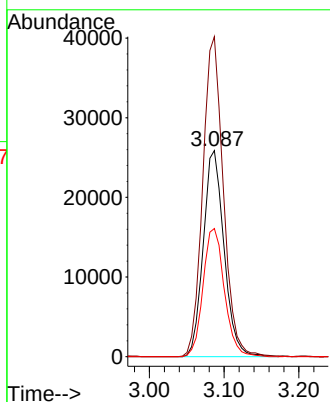
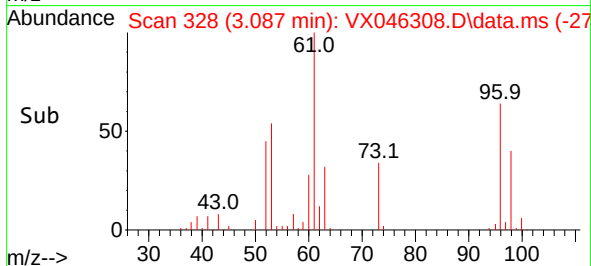
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 96 Resp: 5007
Ion Ratio Lower Upper
96 100
61 155.3 119.5 179.3
98 62.2 50.0 75.0

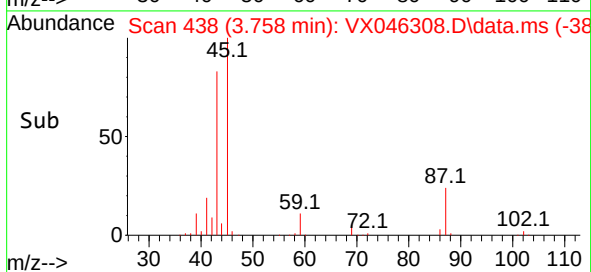
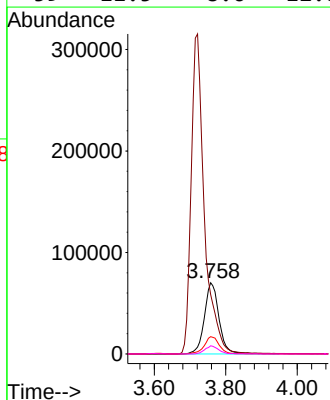
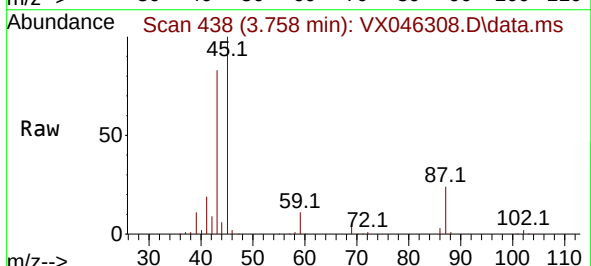
Manual Integrations
APPROVED

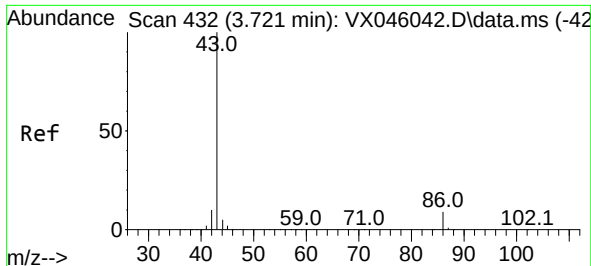
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#22
Diisopropyl ether
Concen: 56.871 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

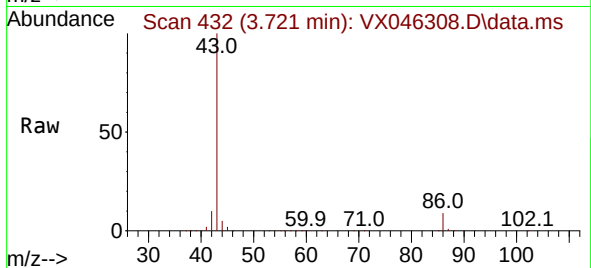
Tgt Ion: 45 Resp: 199011
Ion Ratio Lower Upper
45 100
43 83.4 66.6 100.0
87 24.3 19.8 29.6
59 11.5 8.6 12.8





#23
 Vinyl Acetate
 Concen: 262.943 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046308.D
 Acq: 21 May 2025 19:21

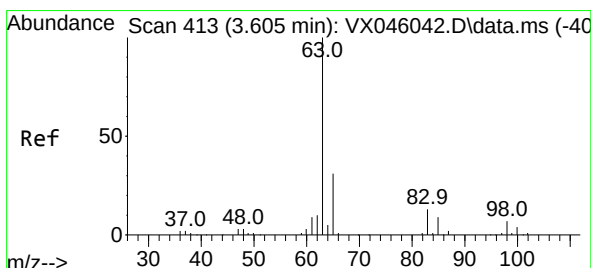
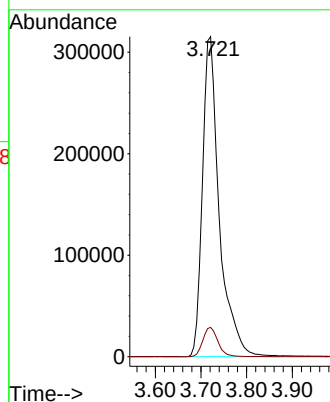
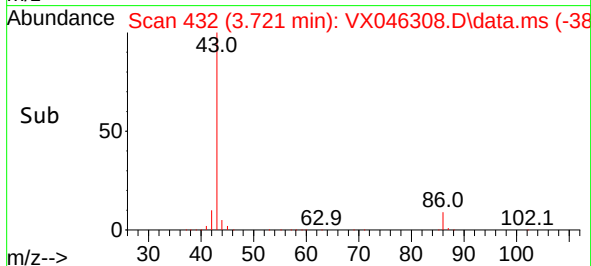
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-400-402MSD



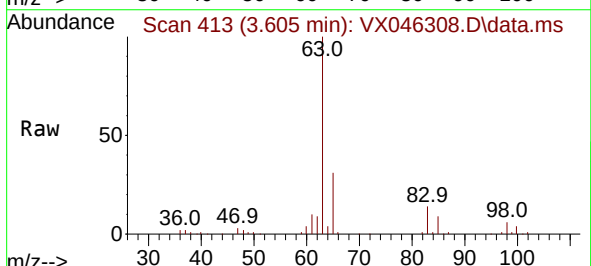
Tgt Ion: 43 Resp: 80928
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

Manual Integrations
 APPROVED

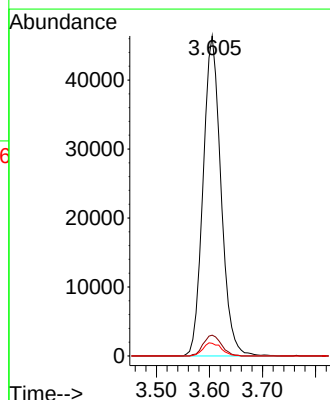
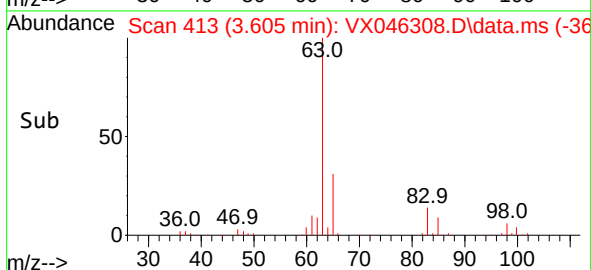
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

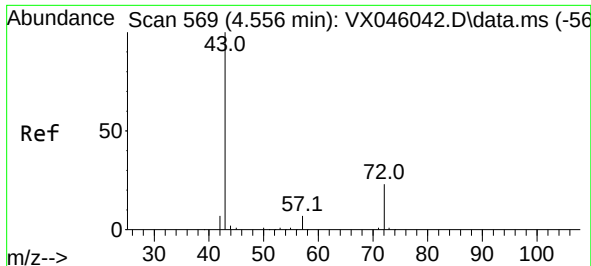


#24
 1,1-Dichloroethane
 Concen: 55.740 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046308.D
 Acq: 21 May 2025 19:21



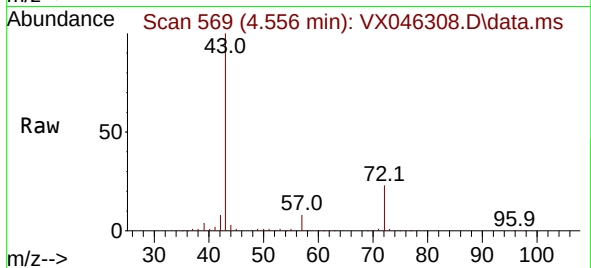
Tgt Ion: 63 Resp: 108640
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.0 2.1 6.3





#25
2-Butanone
Concen: 293.001 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

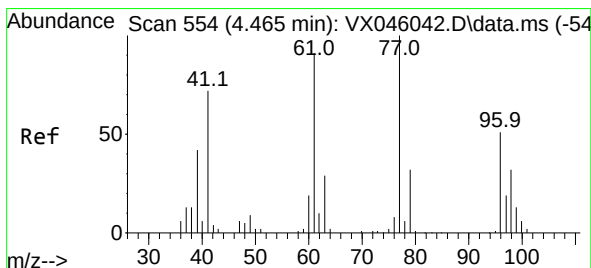
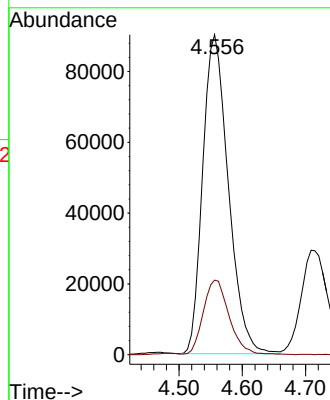
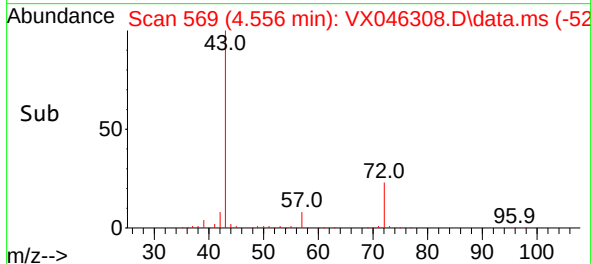
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 43 Resp: 25418
Ion Ratio Lower Upper
43 100
72 23.2 18.4 27.6

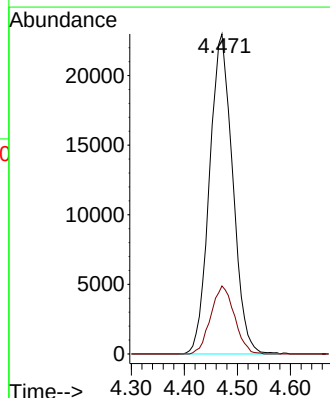
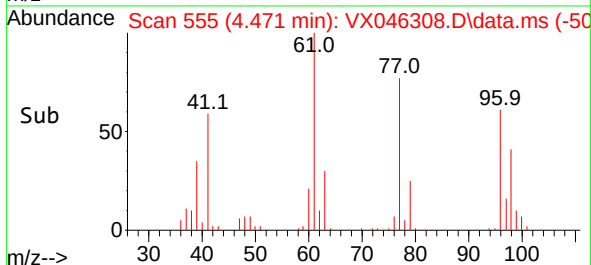
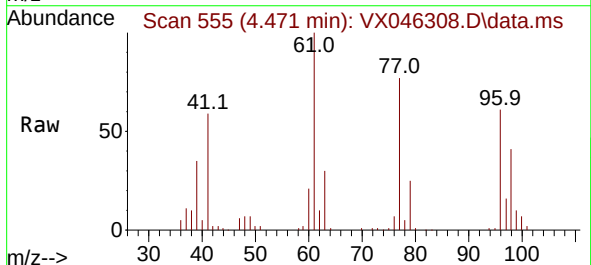
Manual Integrations
APPROVED

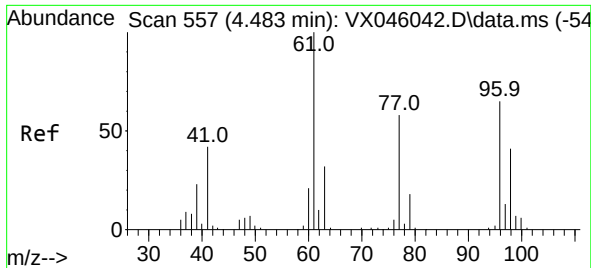
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#26
2,2-Dichloropropane
Concen: 45.703 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Tgt Ion: 77 Resp: 69722
Ion Ratio Lower Upper
77 100
97 21.7 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 54.432 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046308.D

Acq: 21 May 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MSD

Tgt Ion: 96 Resp: 62464

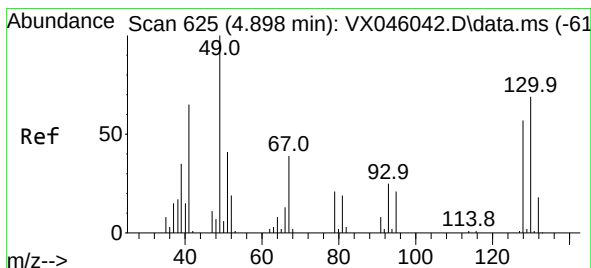
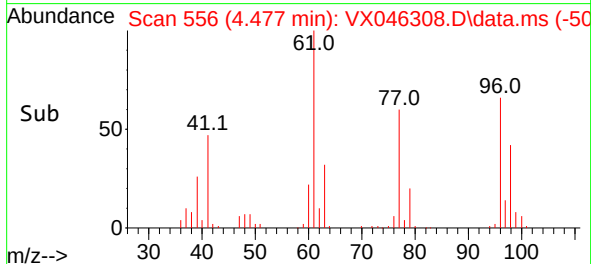
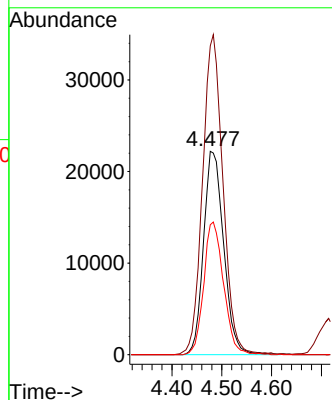
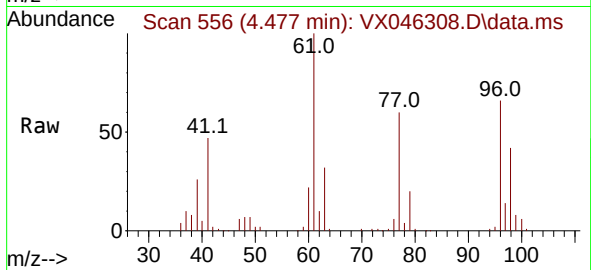
Ion	Ratio	Lower	Upper
96	100		
61	159.2	0.0	322.8
98	64.1	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#28

Bromochloromethane

Concen: 54.095 ug/l

RT: 4.891 min Scan# 624

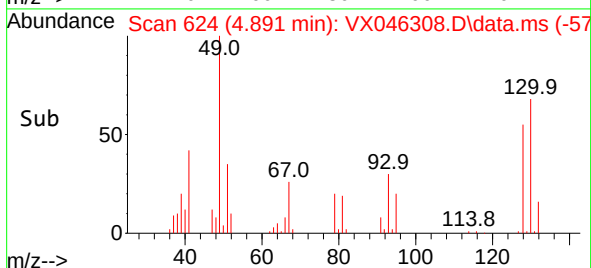
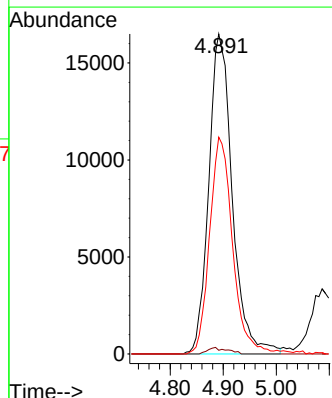
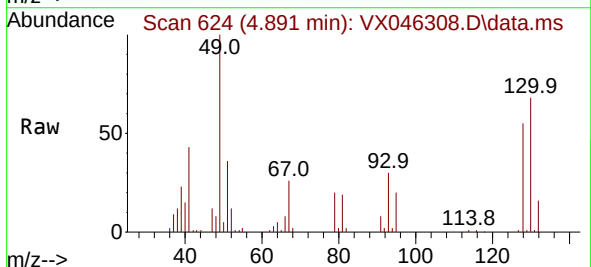
Delta R.T. -0.006 min

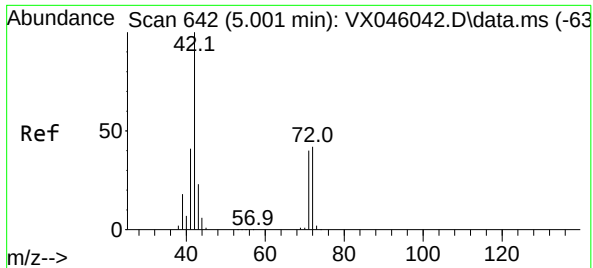
Lab File: VX046308.D

Acq: 21 May 2025 19:21

Tgt Ion: 49 Resp: 50751

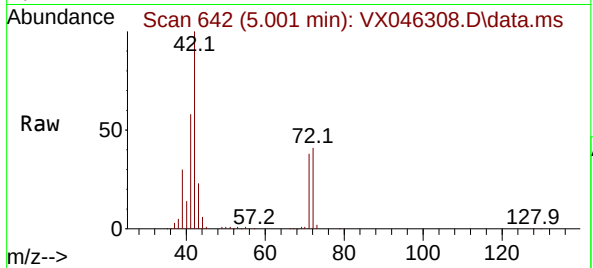
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	65.9	56.2	84.2





#29
Tetrahydrofuran
Concen: 295.204 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

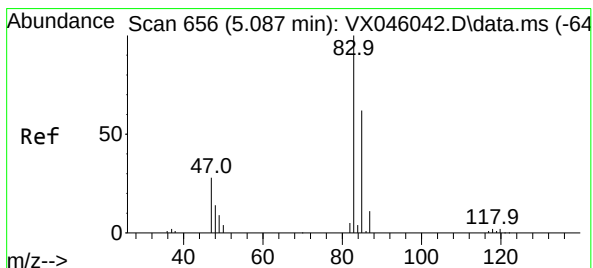
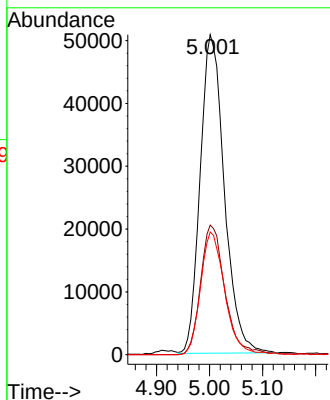
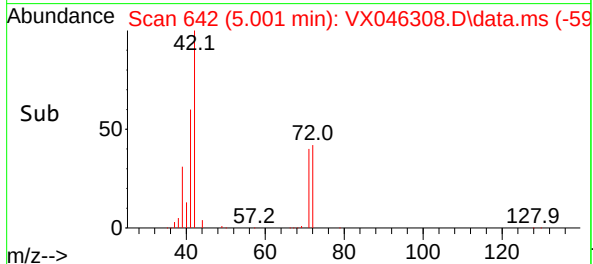
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 42 Resp: 160470
Ion Ratio Lower Upper
42 100
72 41.2 33.7 50.5
71 38.6 31.4 47.2

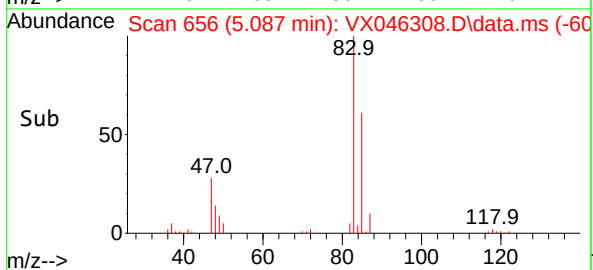
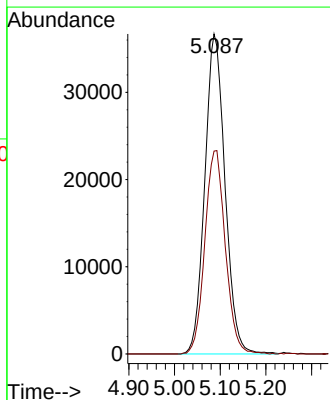
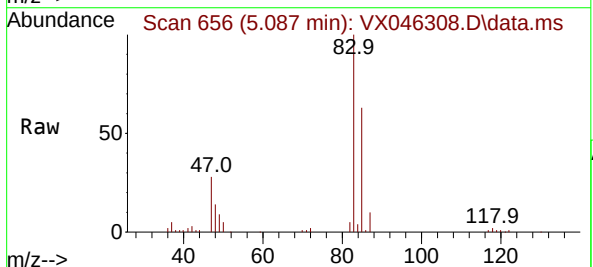
Manual Integrations
APPROVED

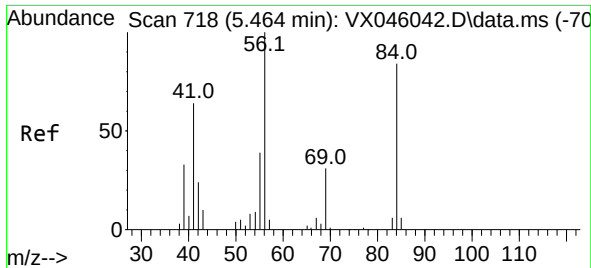
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#30
Chloroform
Concen: 55.486 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

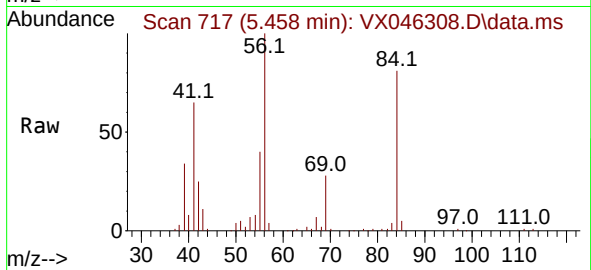
Tgt Ion: 83 Resp: 112721
Ion Ratio Lower Upper
83 100
85 63.4 49.3 73.9





#31
Cyclohexane
Concen: 49.077 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

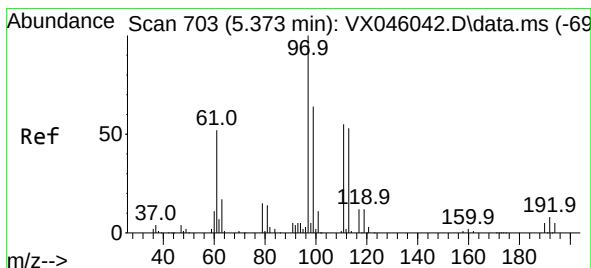
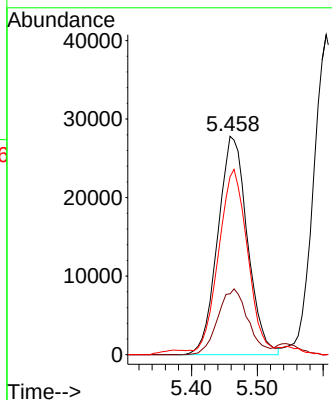
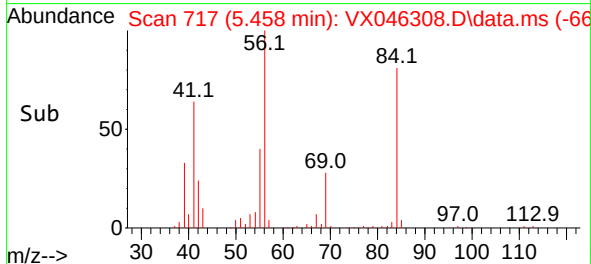
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 56 Resp: 87160
Ion Ratio Lower Upper
56 100
69 27.8 24.4 36.6
84 79.5 66.9 100.3

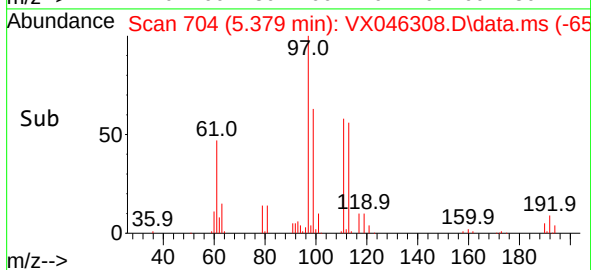
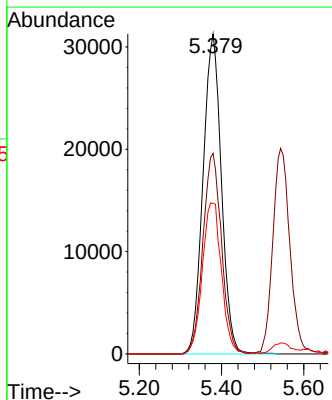
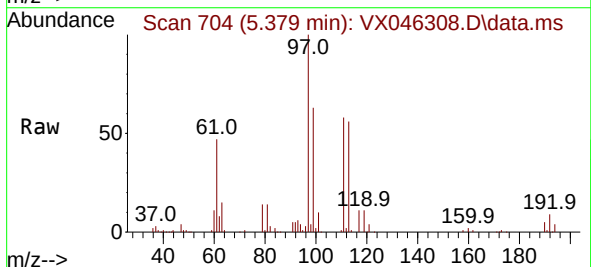
Manual Integrations
APPROVED

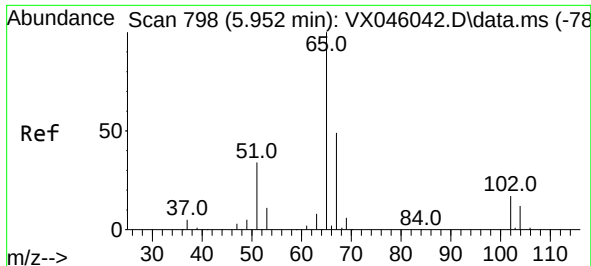
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#32
1,1,1-Trichloroethane
Concen: 54.969 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Tgt Ion: 97 Resp: 96802
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 49.3 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 50.633 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046308.D

Acq: 21 May 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MSD

Tgt Ion: 65 Resp: 7546

Ion Ratio Lower Upper

65 100

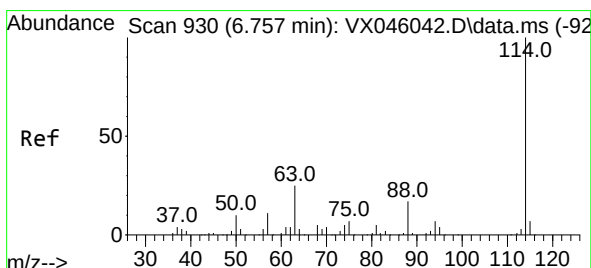
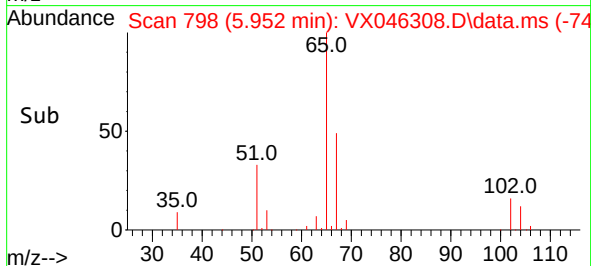
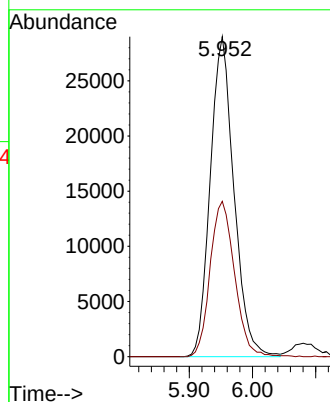
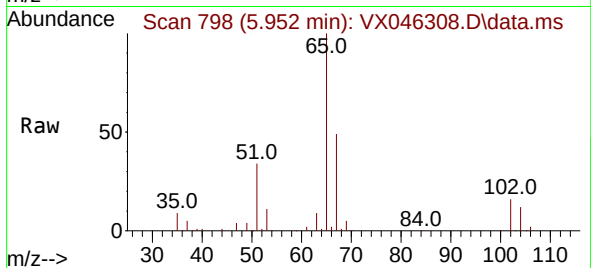
67 50.1 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046308.D

Acq: 21 May 2025 19:21

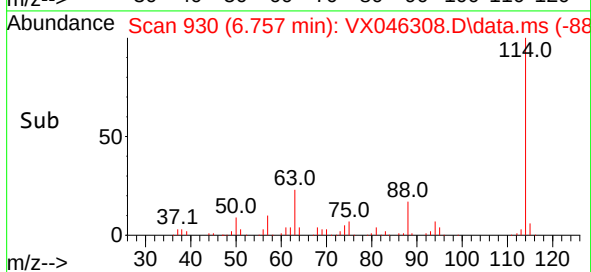
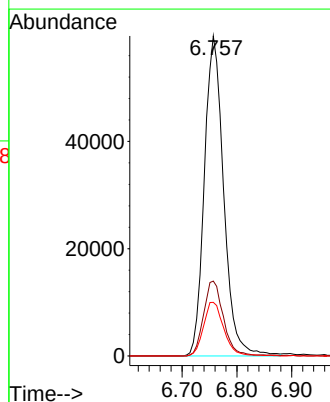
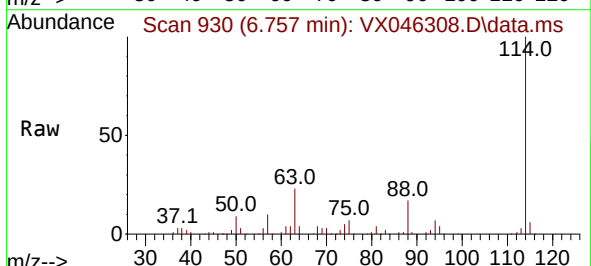
Tgt Ion:114 Resp: 146227

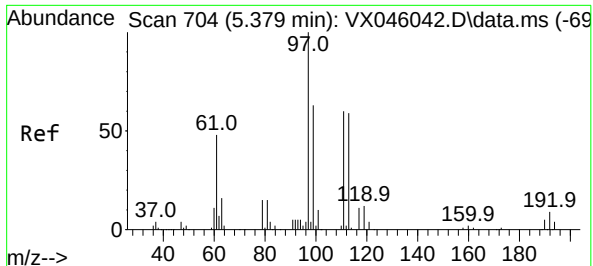
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

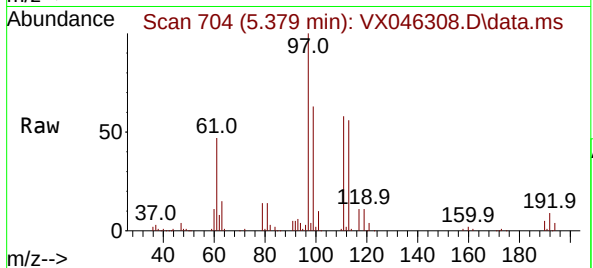
88 16.7 0.0 33.6





#35
Dibromofluoromethane
Concen: 49.170 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

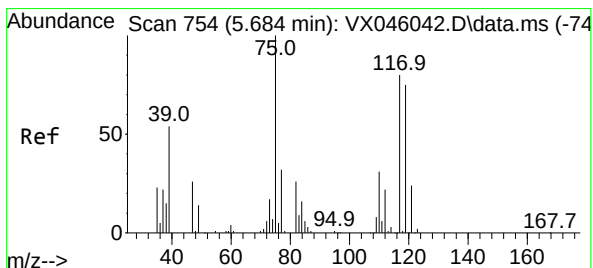
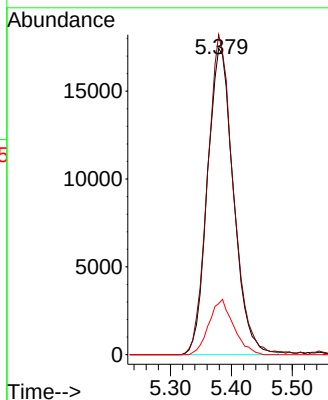
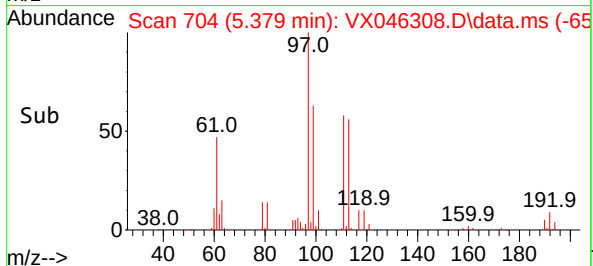
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 113 Resp: 51775
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 17.0 13.3 19.9

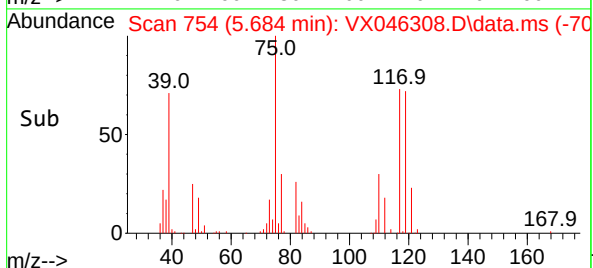
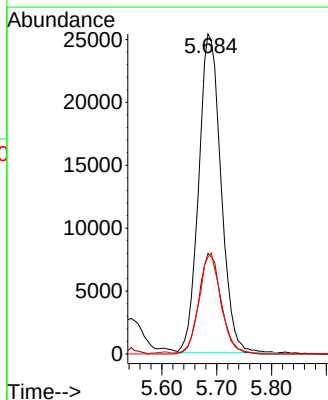
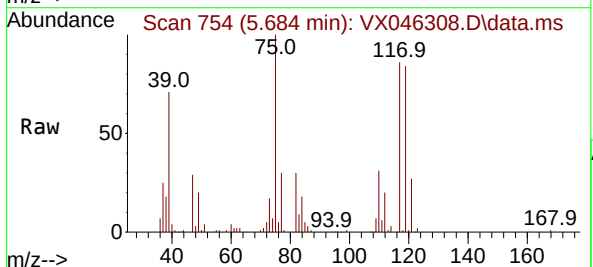
Manual Integrations
APPROVED

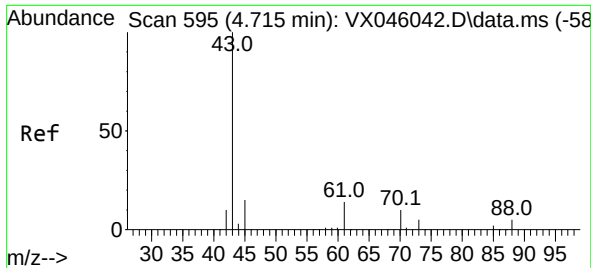
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#36
1,1-Dichloropropene
Concen: 50.520 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

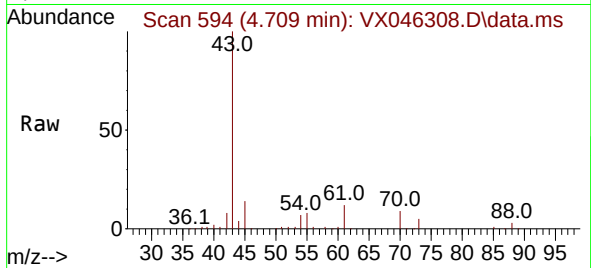
Tgt Ion: 75 Resp: 71475
Ion Ratio Lower Upper
75 100
110 31.5 16.3 48.9
77 30.9 24.3 36.5





#37
Ethyl Acetate
Concen: 51.009 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

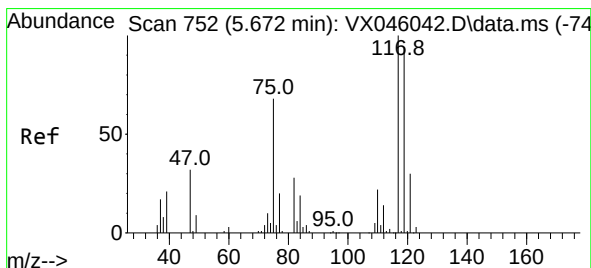
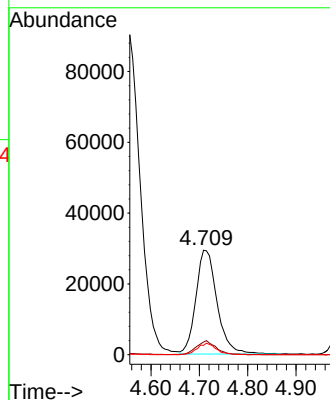
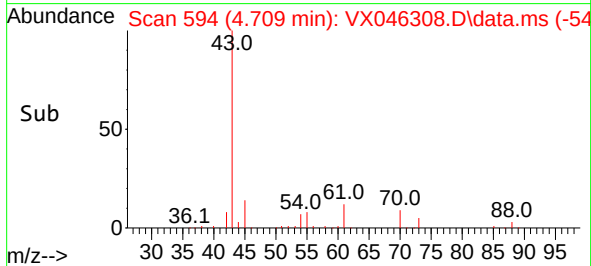
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 43 Resp: 8916
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 9.8 7.9 11.9

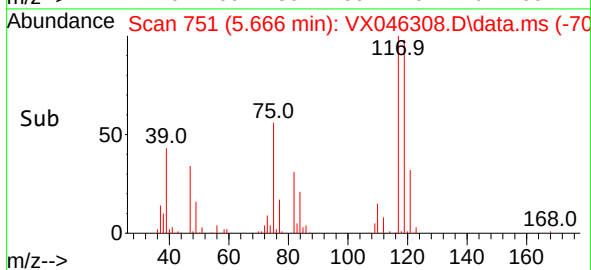
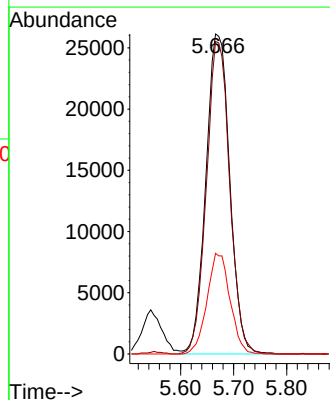
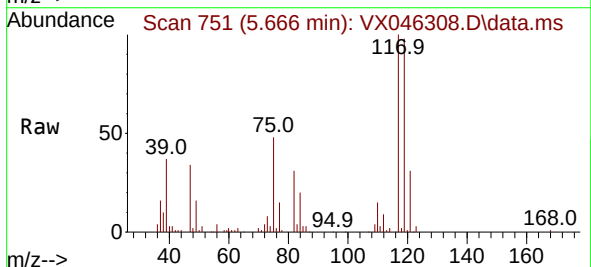
Manual Integrations
APPROVED

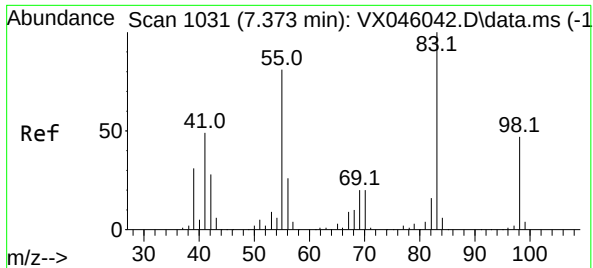
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#38
Carbon Tetrachloride
Concen: 51.425 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Tgt Ion:117 Resp: 81748
Ion Ratio Lower Upper
117 100
119 97.7 75.2 112.8
121 31.4 24.2 36.4





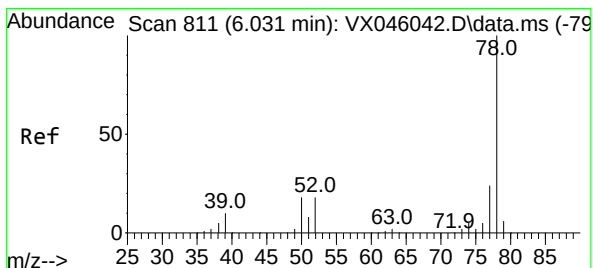
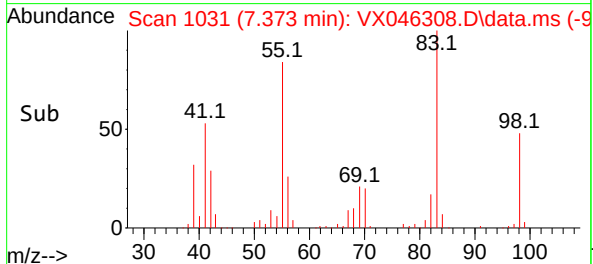
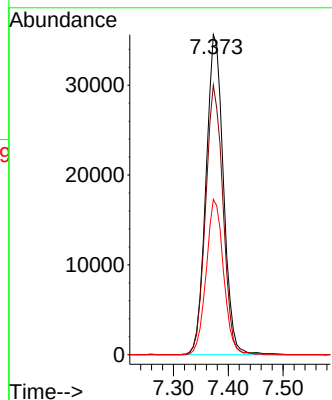
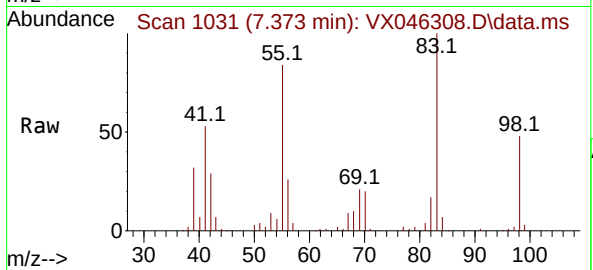
#39
Methylcyclohexane
Concen: 43.156 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD

Tgt Ion: 83 Resp: 78600
Ion Ratio Lower Upper
83 100
55 84.3 64.7 97.1
98 48.5 37.4 56.2

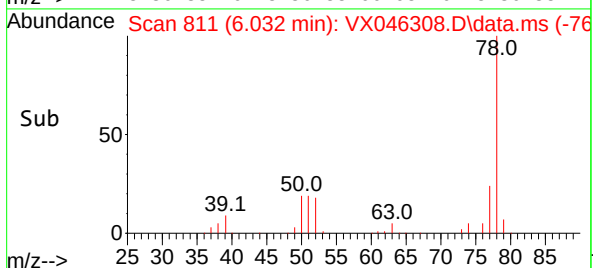
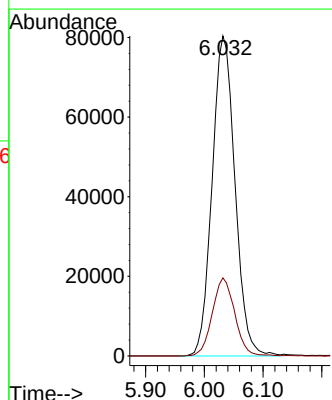
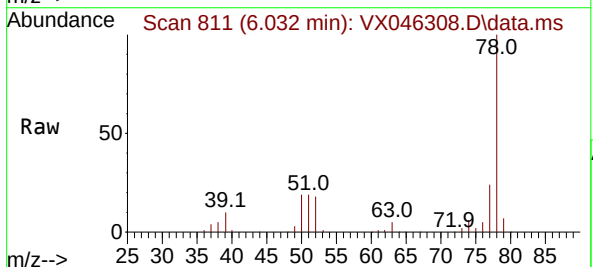
Manual Integrations
APPROVED

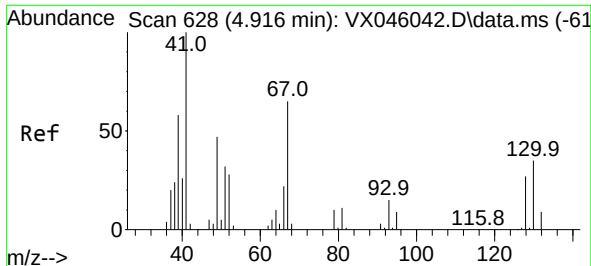
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#40
Benzene
Concen: 52.408 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

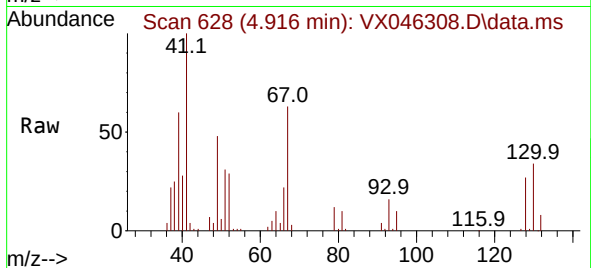
Tgt Ion: 78 Resp: 217183
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4





#41
Methacrylonitrile
Concen: 58.646 ug/l
RT: 4.916 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

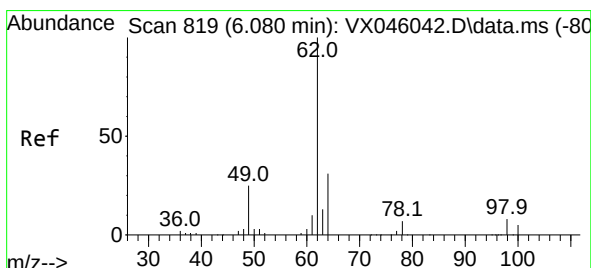
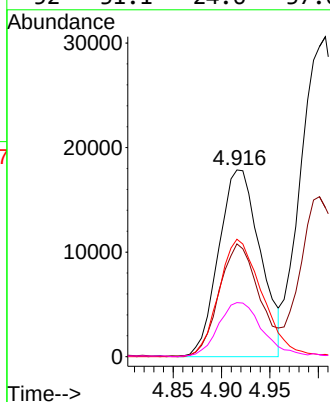
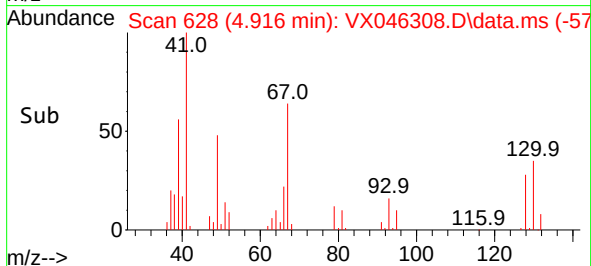
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 41 Resp: 5362
Ion Ratio Lower Upper
41 100
39 58.2 47.2 70.8
67 65.6 50.7 76.1
52 31.1 24.6 37.0

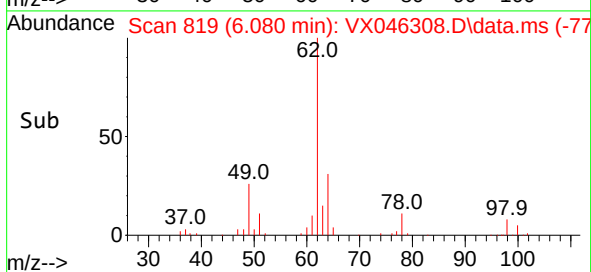
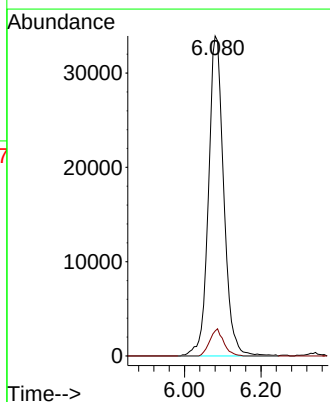
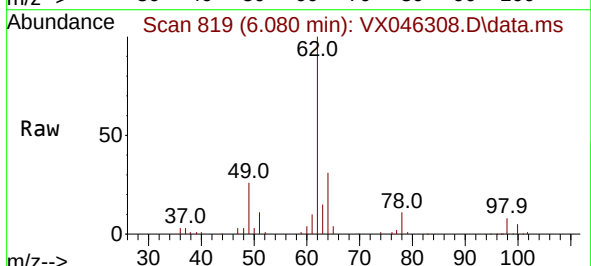
Manual Integrations
APPROVED

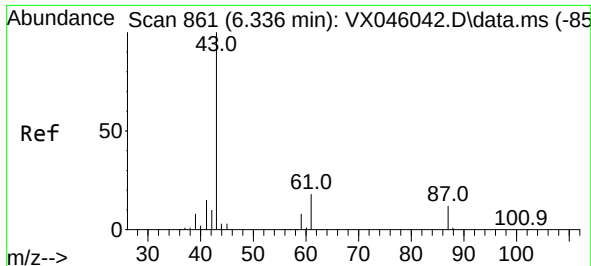
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#42
1,2-Dichloroethane
Concen: 52.580 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

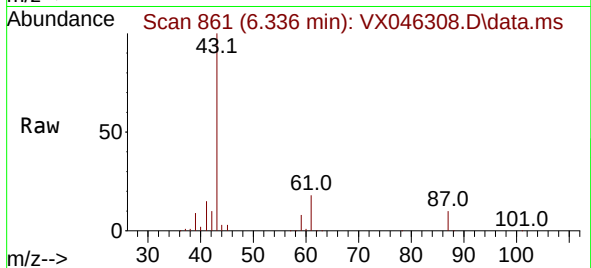
Tgt Ion: 62 Resp: 94041
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43
Isopropyl Acetate
Concen: 53.891 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

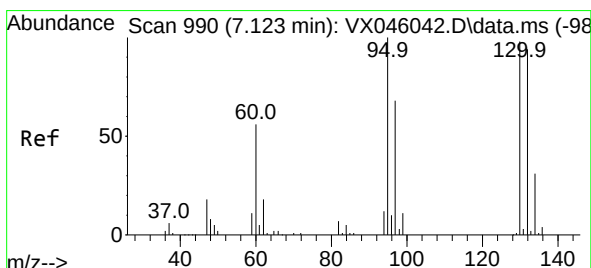
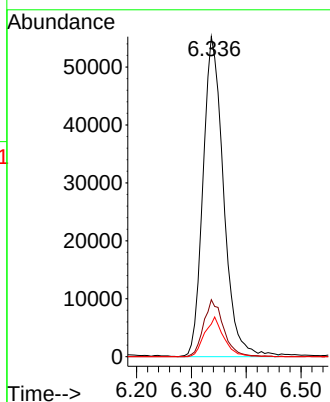
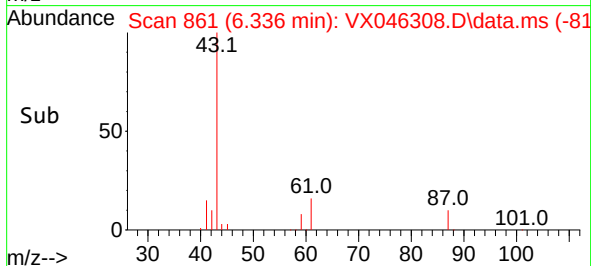
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 43 Resp: 143709
Ion Ratio Lower Upper
43 100
61 17.3 14.3 21.5
87 11.6 9.5 14.3

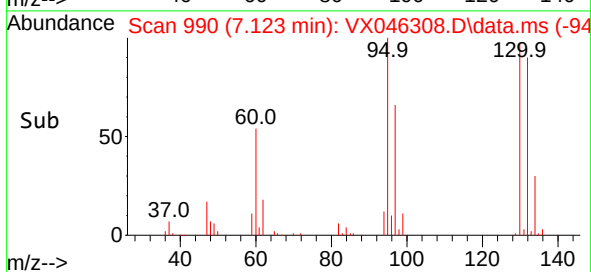
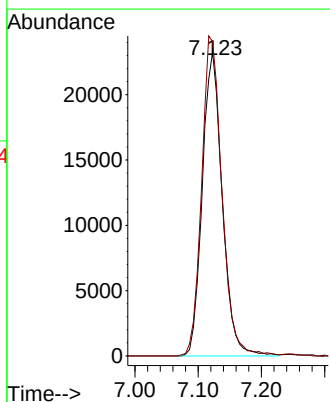
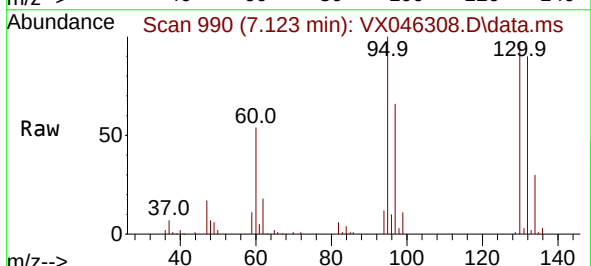
Manual Integrations
APPROVED

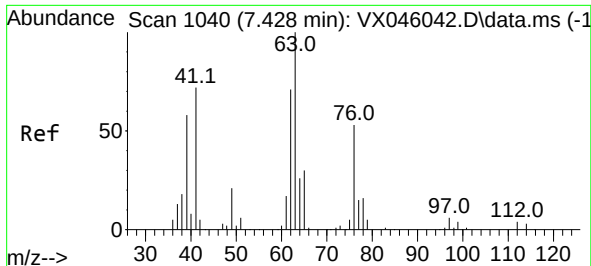
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#44
Trichloroethene
Concen: 51.247 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

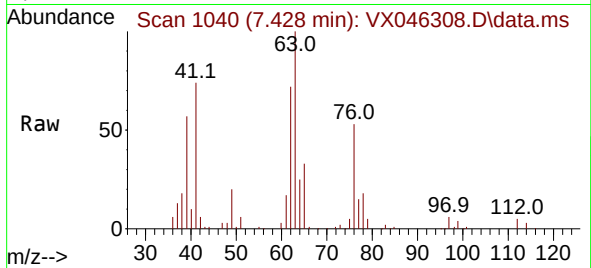
Tgt Ion:130 Resp: 51114
Ion Ratio Lower Upper
130 100
95 103.4 0.0 204.2





#45
1,2-Dichloropropane
Concen: 53.171 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

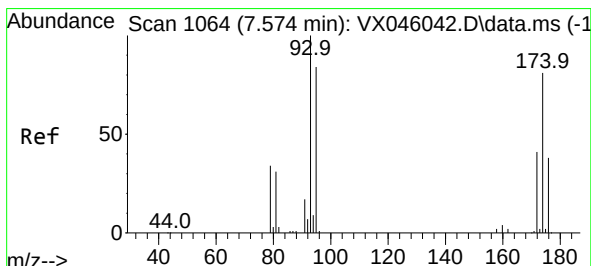
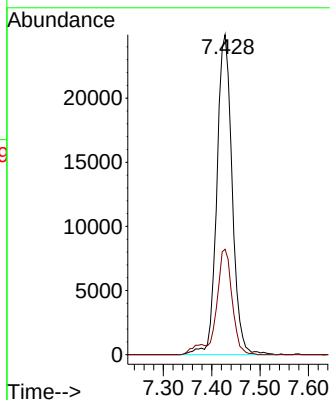
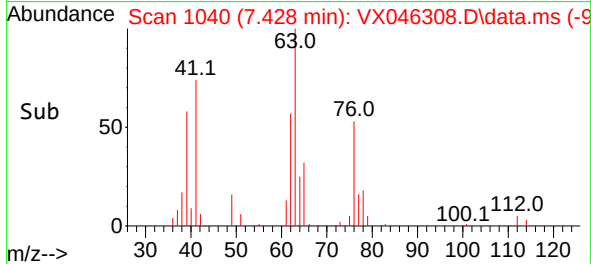
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 63 Resp: 54790
Ion Ratio Lower Upper
63 100
65 33.0 24.1 36.1

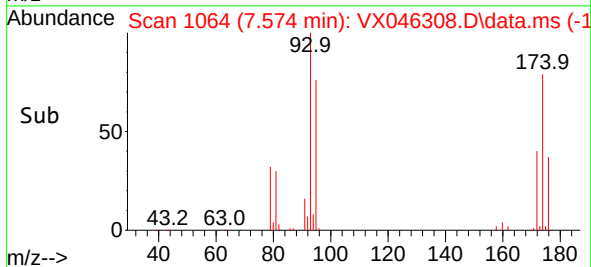
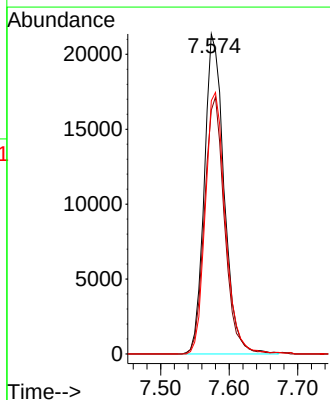
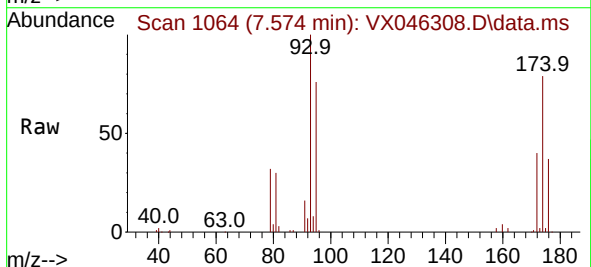
Manual Integrations
APPROVED

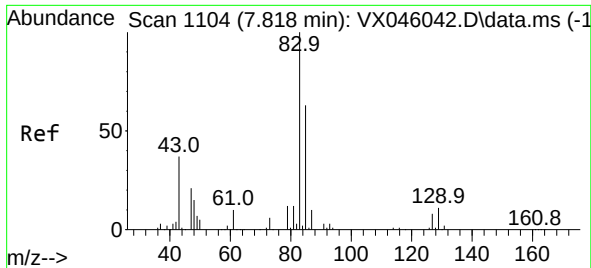
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#46
Dibromomethane
Concen: 52.644 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

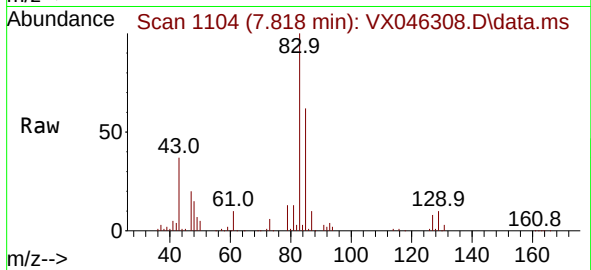
Tgt Ion: 93 Resp: 42785
Ion Ratio Lower Upper
93 100
95 81.2 65.6 98.4
174 82.9 68.2 102.2





#47
Bromodichloromethane
Concen: 54.637 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

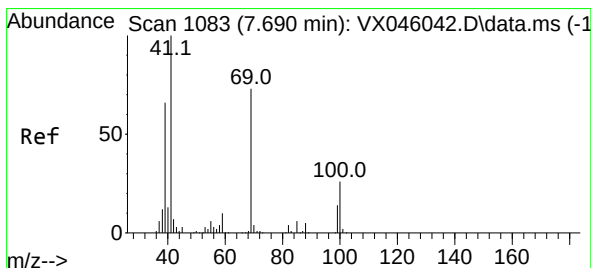
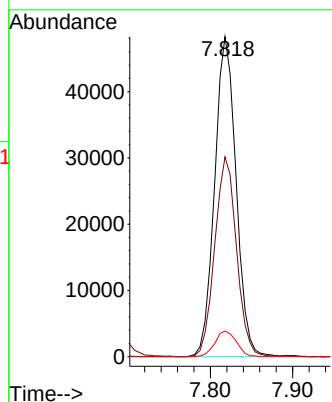
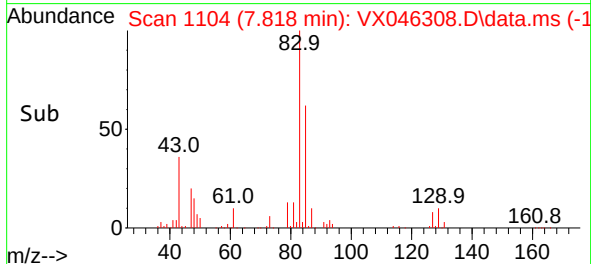
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 83 Resp: 87459
Ion Ratio Lower Upper
83 100
85 62.4 50.5 75.7
127 8.0 6.5 9.7

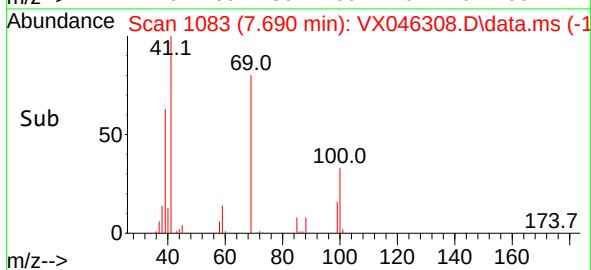
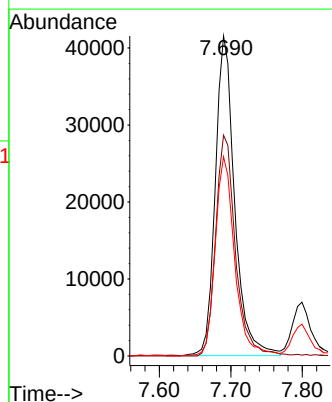
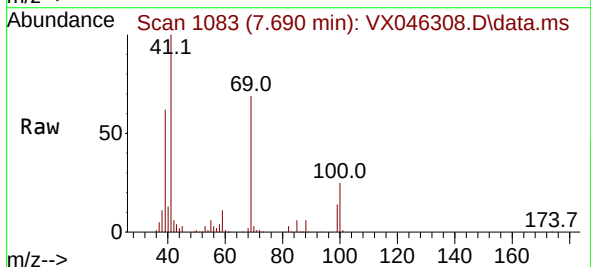
Manual Integrations
APPROVED

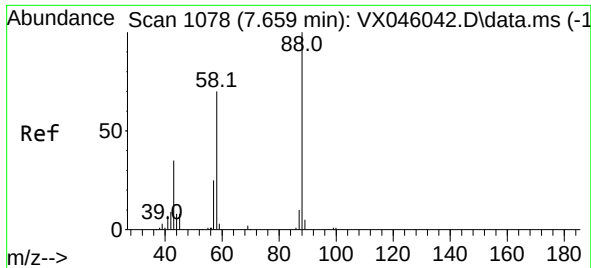
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#48
Methyl methacrylate
Concen: 57.222 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

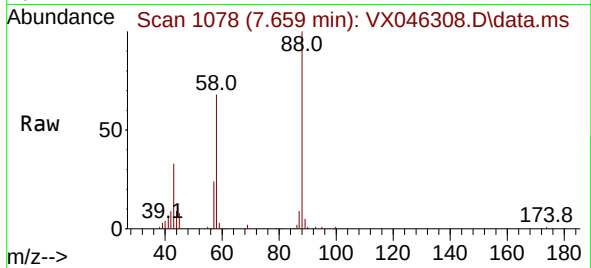
Tgt Ion: 41 Resp: 77929
Ion Ratio Lower Upper
41 100
69 70.9 58.5 87.7
39 63.0 51.7 77.5





#49
1,4-Dioxane
Concen: 1210.825 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

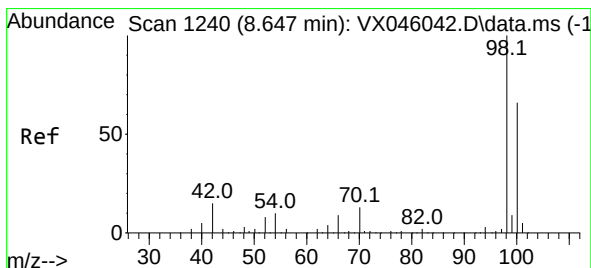
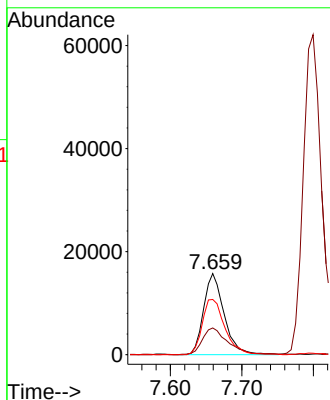
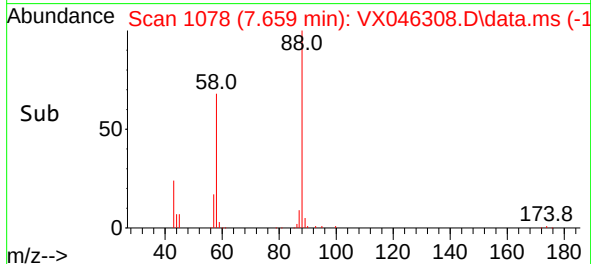
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 88 Resp: 31310
Ion Ratio Lower Upper
88 100
43 41.3 33.4 50.2
58 75.3 58.6 88.0

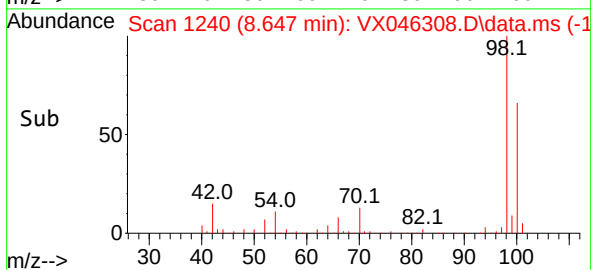
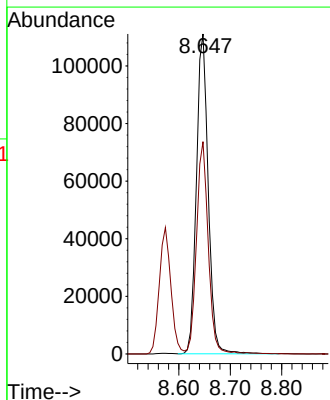
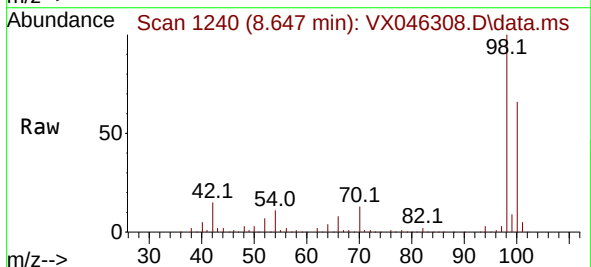
Manual Integrations
APPROVED

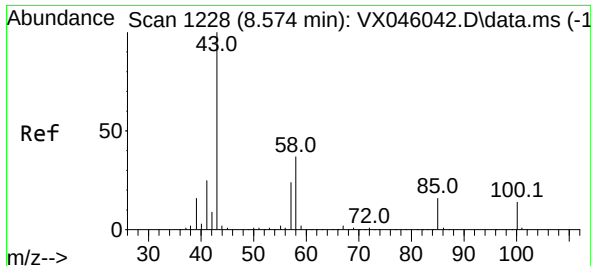
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#50
Toluene-d8
Concen: 48.662 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

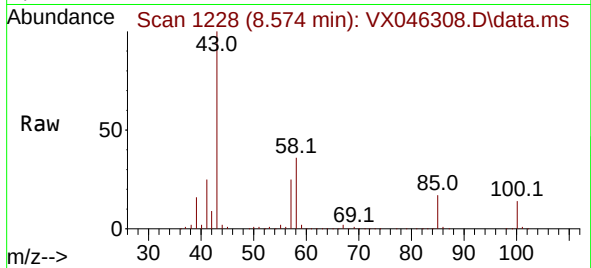
Tgt Ion: 98 Resp: 177350
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 287.904 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

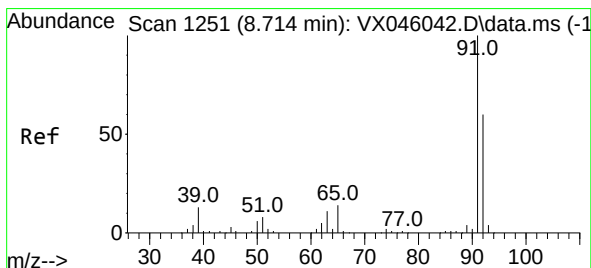
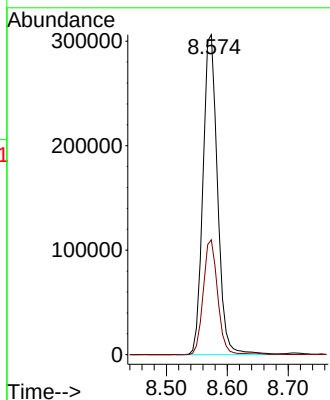
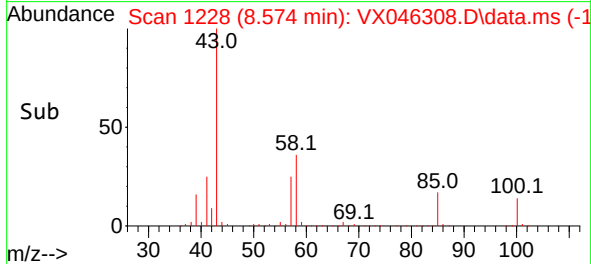
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 43 Resp: 50961
Ion Ratio Lower Upper
43 100
58 35.3 28.9 43.3

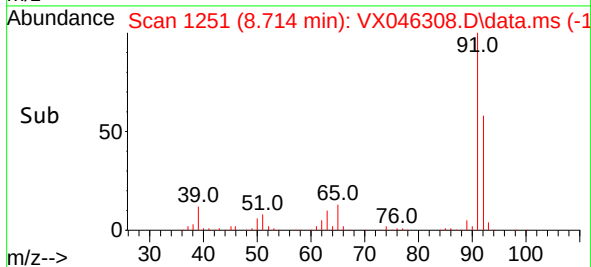
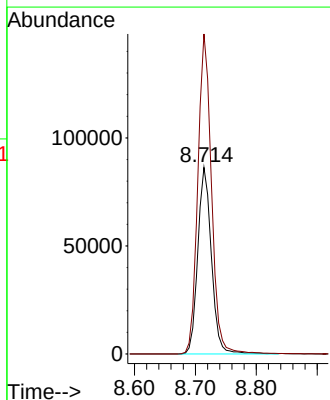
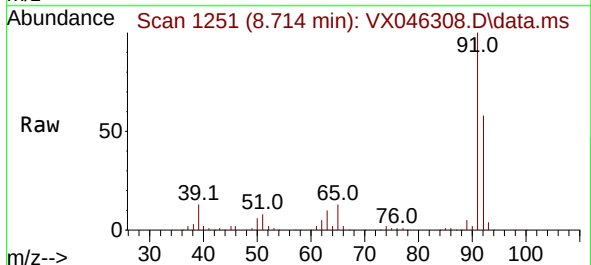
Manual Integrations
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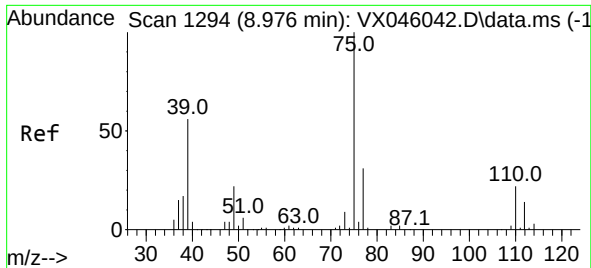
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#52
Toluene
Concen: 52.817 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Tgt Ion: 92 Resp: 134212
Ion Ratio Lower Upper
92 100
91 171.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.005 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX046308.D

Acq: 21 May 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MSD

Tgt Ion: 75 Resp: 75410

Ion Ratio Lower Upper

75 100

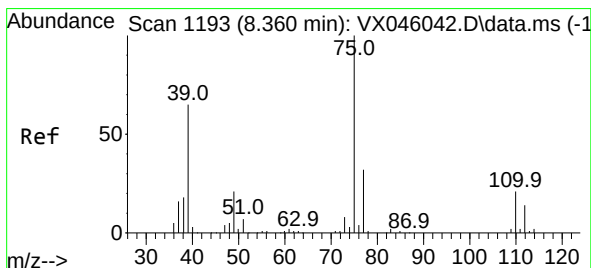
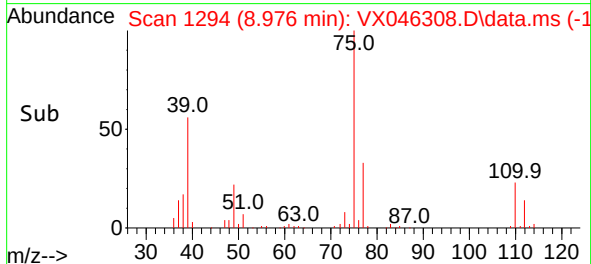
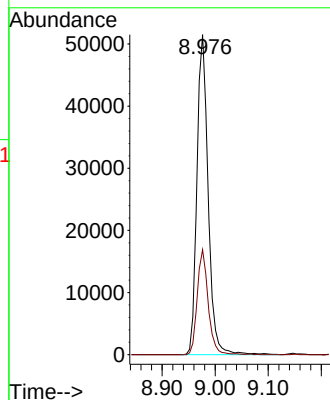
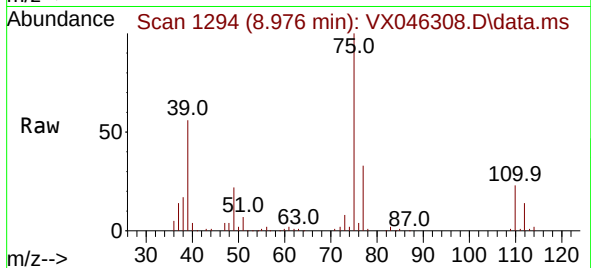
77 32.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#54

cis-1,3-Dichloropropene

Concen: 53.119 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046308.D

Acq: 21 May 2025 19:21

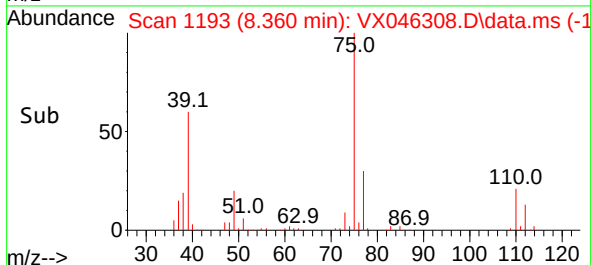
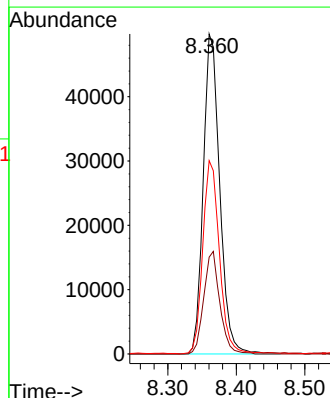
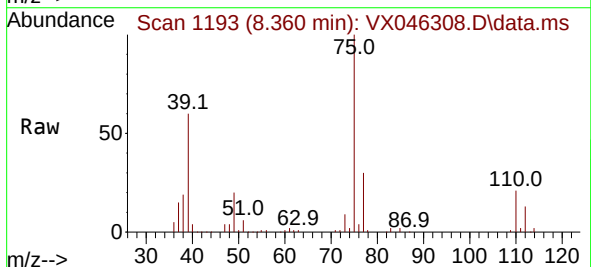
Tgt Ion: 75 Resp: 83532

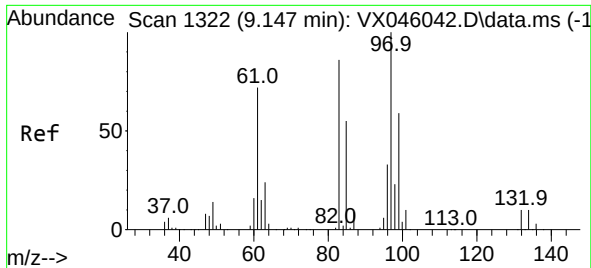
Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.0

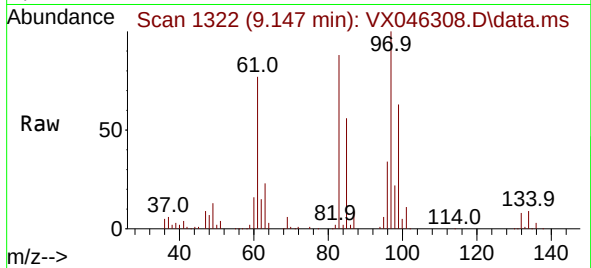
39 60.4 52.2 78.4





#55
 1,1,2-Trichloroethane
 Concen: 54.415 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX046308.D
 Acq: 21 May 2025 19:21

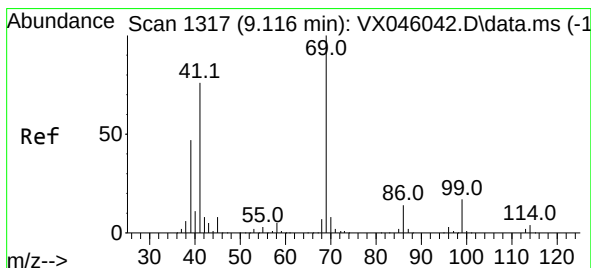
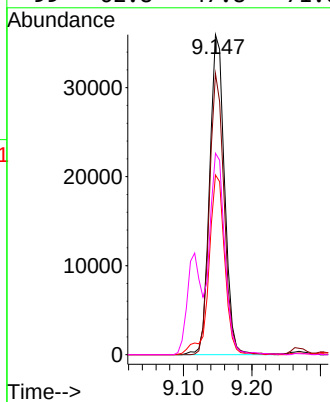
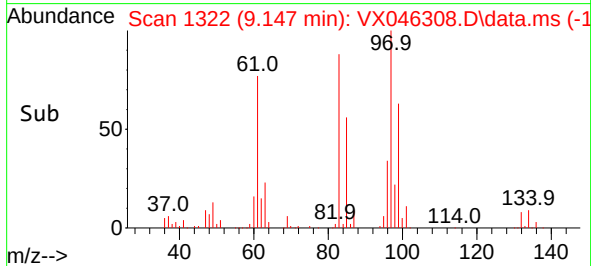
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-400-402MSD



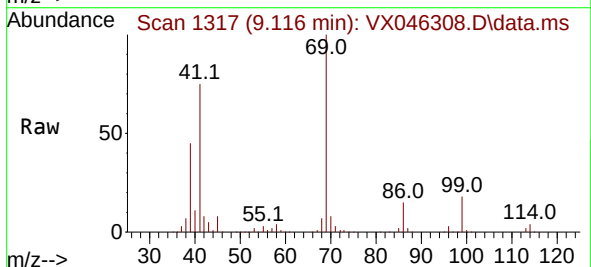
Tgt Ion: 97 Resp: 5452
 Ion Ratio Lower Upper
 97 100
 83 87.9 69.0 103.6
 85 56.1 44.3 66.5
 99 62.8 47.8 71.6

Manual Integrations
 APPROVED

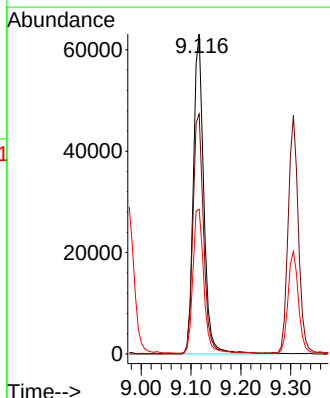
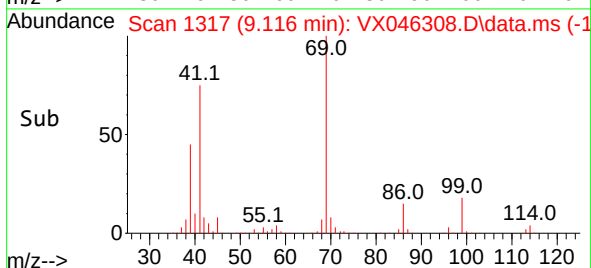
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

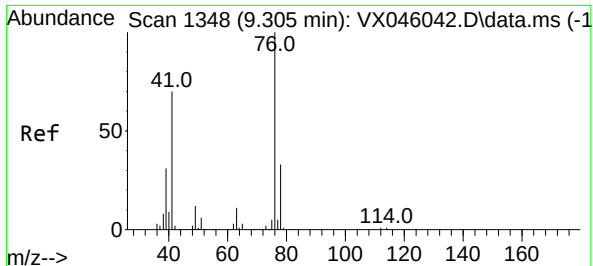


#56
 Ethyl methacrylate
 Concen: 57.344 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX046308.D
 Acq: 21 May 2025 19:21



Tgt Ion: 69 Resp: 91572
 Ion Ratio Lower Upper
 69 100
 41 76.9 60.8 91.2
 39 47.0 39.0 58.6





#57

1,3-Dichloropropane

Concen: 52.744 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX046308.D

Acq: 21 May 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MSD

Tgt Ion: 76 Resp: 94909

Ion Ratio Lower Upper

76 100

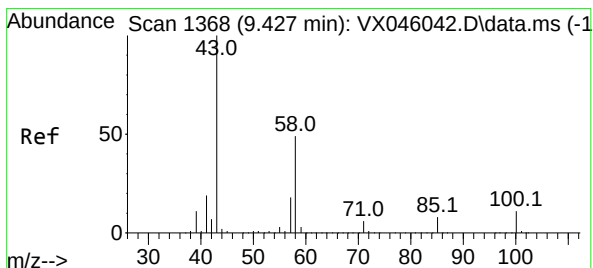
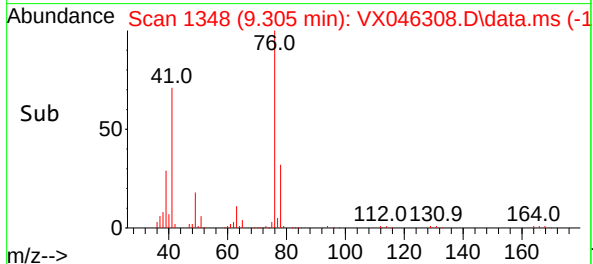
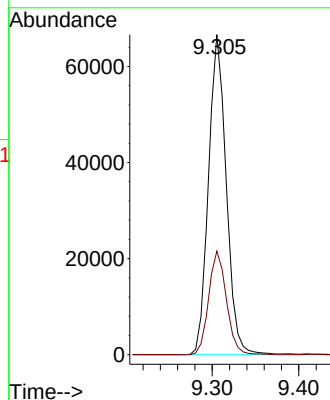
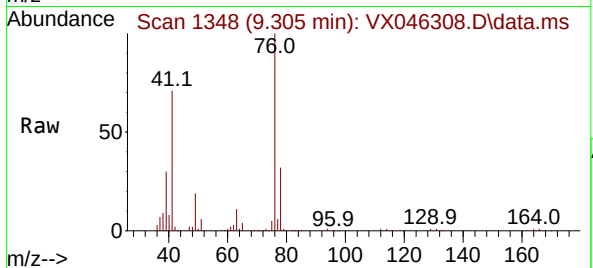
78 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#59

2-Hexanone

Concen: 293.071 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX046308.D

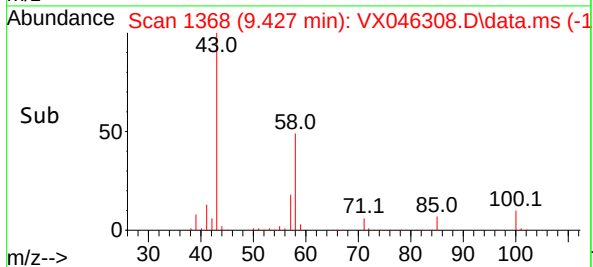
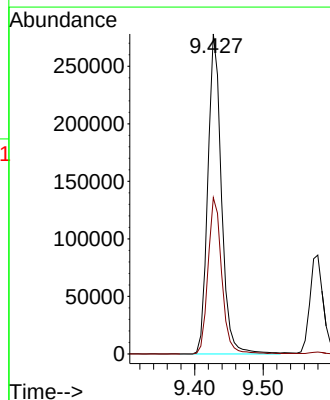
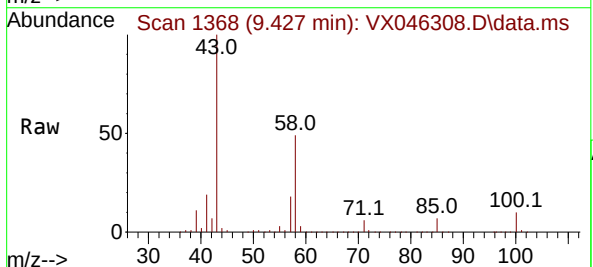
Acq: 21 May 2025 19:21

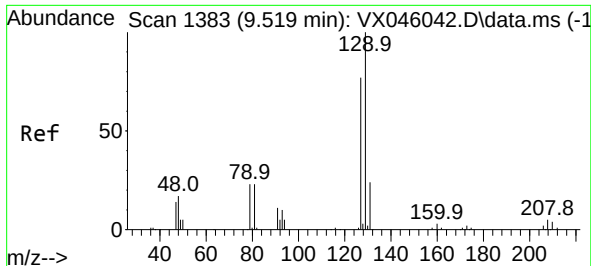
Tgt Ion: 43 Resp: 383797

Ion Ratio Lower Upper

43 100

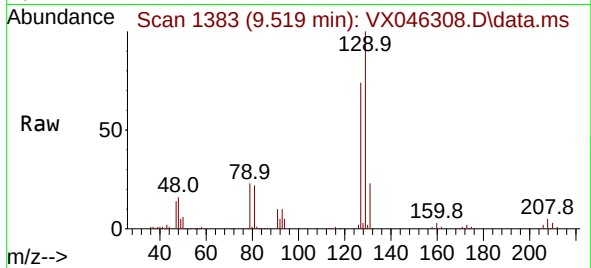
58 49.4 24.9 74.6





#60
 Dibromochloromethane
 Concen: 55.926 ug/l
 RT: 9.519 min Scan# 1383
 Delta R.T. 0.000 min
 Lab File: VX046308.D
 Acq: 21 May 2025 19:21

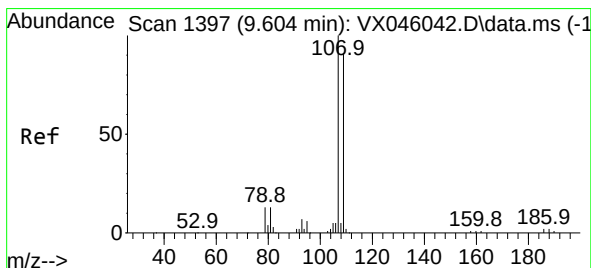
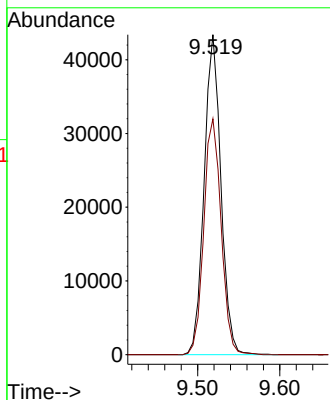
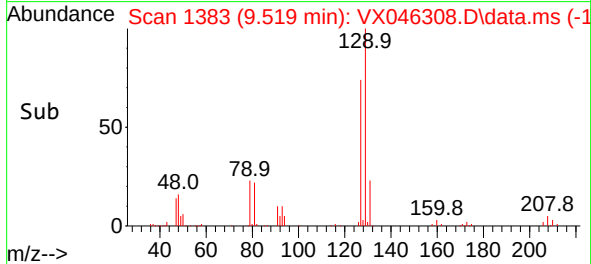
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-400-402MSD



Tgt Ion:129 Resp: 61539
 Ion Ratio Lower Upper
 129 100
 127 76.1 39.3 117.8

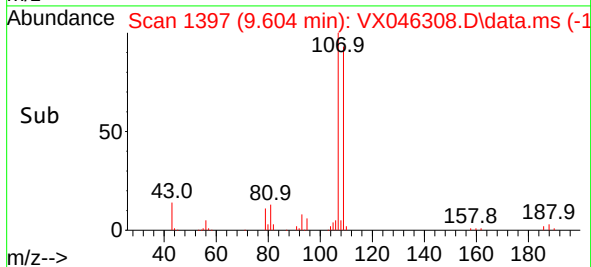
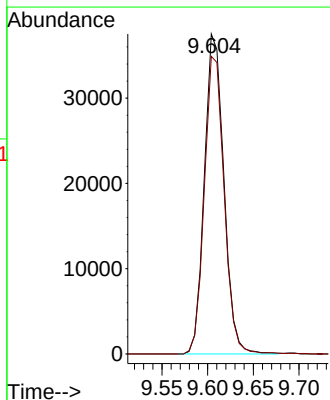
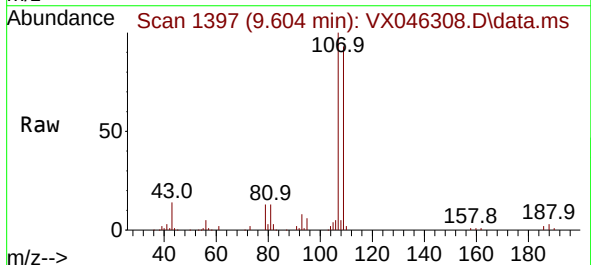
Manual Integrations
 APPROVED

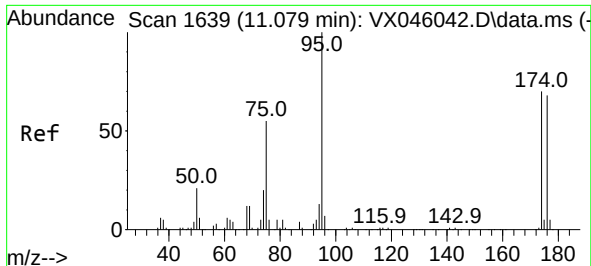
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#61
 1,2-Dibromoethane
 Concen: 53.390 ug/l
 RT: 9.604 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: VX046308.D
 Acq: 21 May 2025 19:21

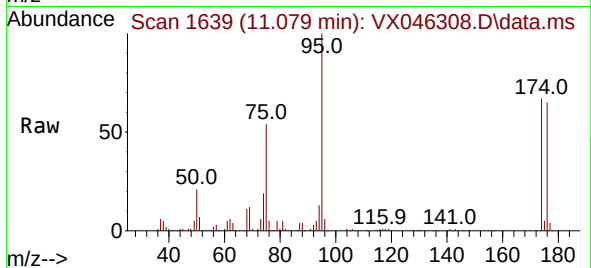
Tgt Ion:107 Resp: 55600
 Ion Ratio Lower Upper
 107 100
 109 94.5 73.3 109.9





#62
4-Bromofluorobenzene
Concen: 49.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

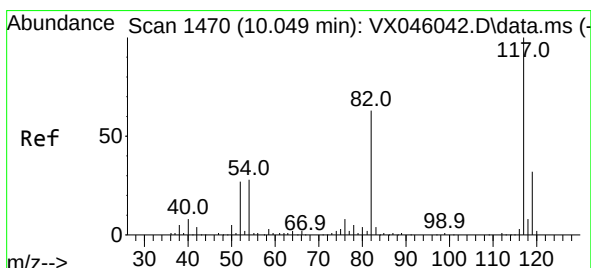
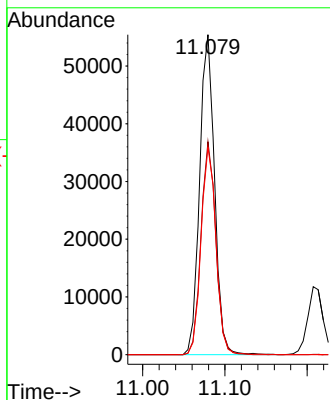
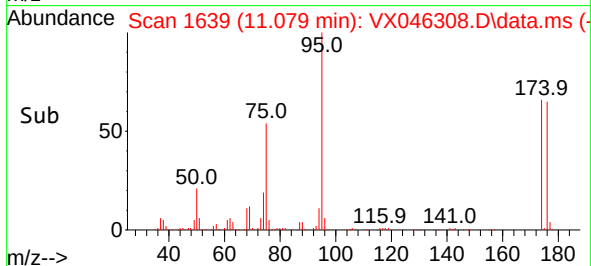
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



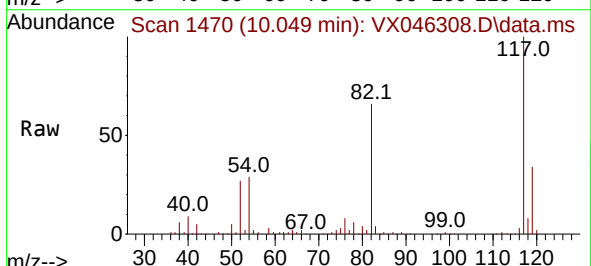
Tgt Ion: 95 Resp: 69790
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 64.7 0.0 131.4

Manual Integrations
APPROVED

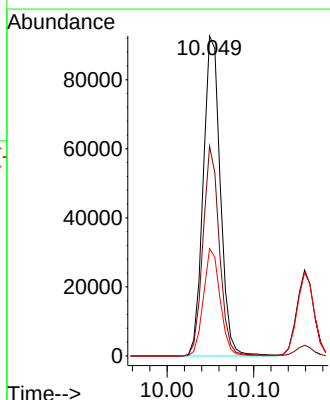
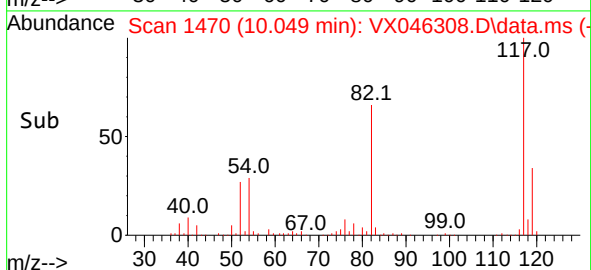
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

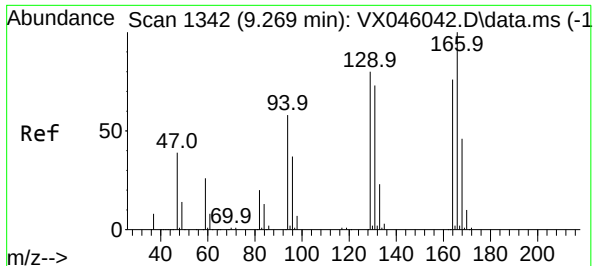


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



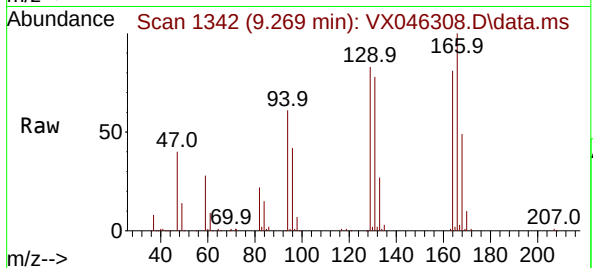
Tgt Ion:117 Resp: 127394
Ion Ratio Lower Upper
117 100
82 65.6 50.6 76.0
119 33.5 25.8 38.6





#64
Tetrachloroethene
Concen: 49.494 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

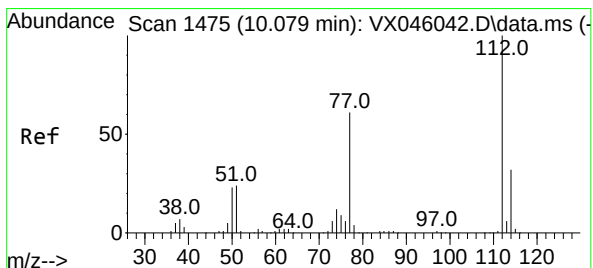
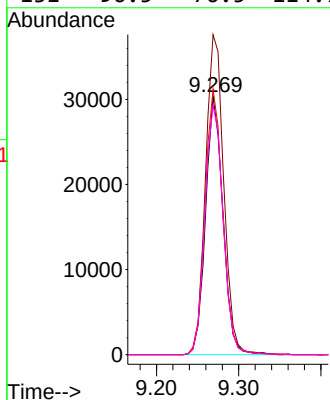
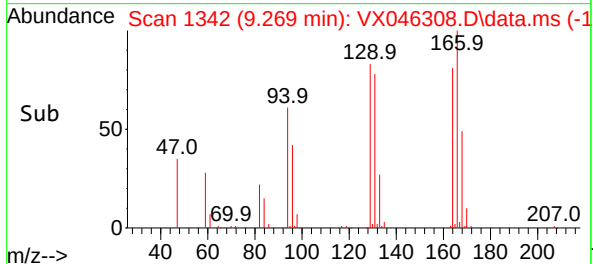
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion:164 Resp: 44612
Ion Ratio Lower Upper
164 100
166 124.0 105.0 157.6
129 102.8 83.5 125.3
131 96.5 76.5 114.7

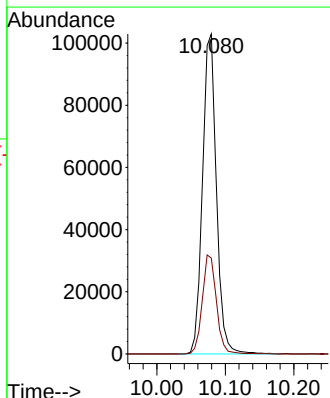
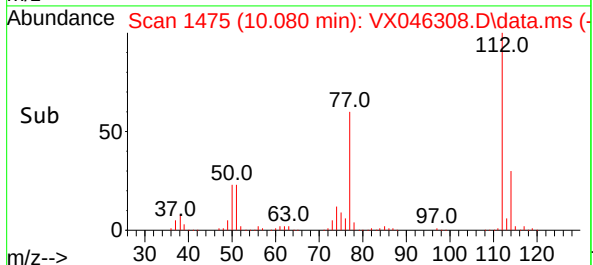
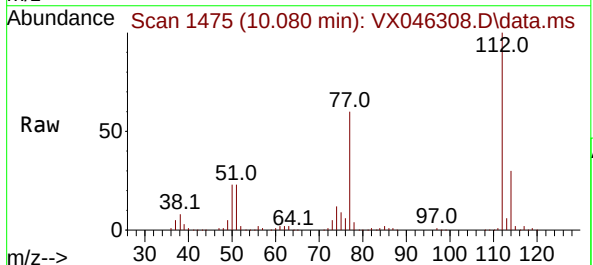
Manual Integrations
APPROVED

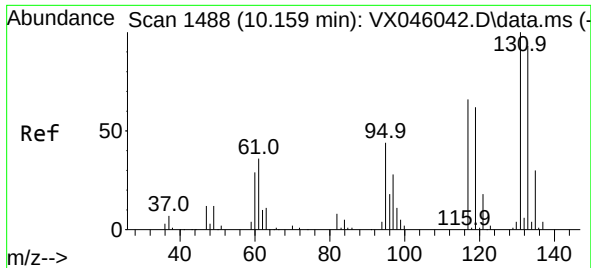
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#65
Chlorobenzene
Concen: 52.183 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

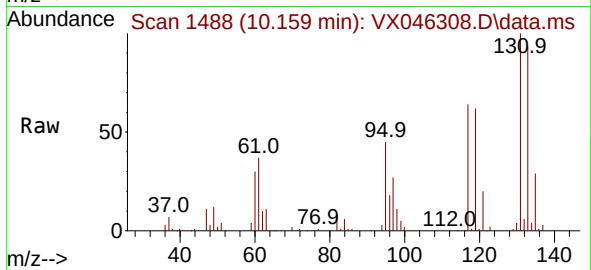
Tgt Ion:112 Resp: 145504
Ion Ratio Lower Upper
112 100
114 29.9 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 54.164 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

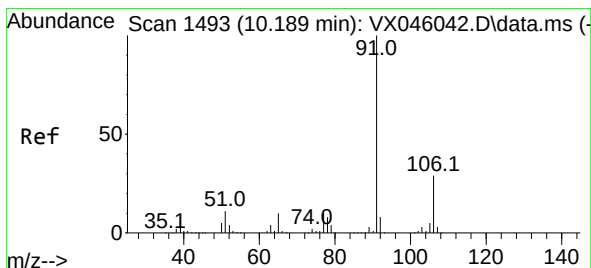
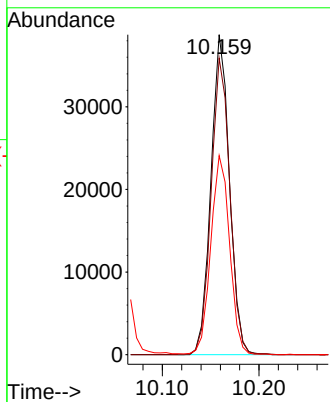
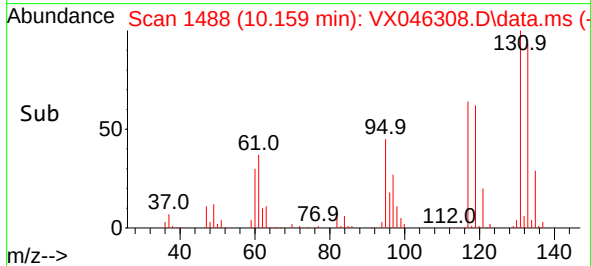
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion:131 Resp: 5157
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.9
119 63.3 31.6 95.0

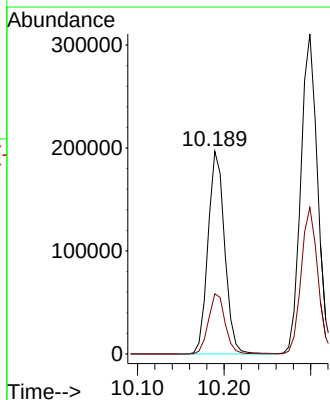
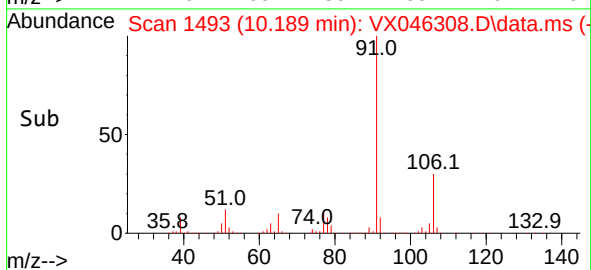
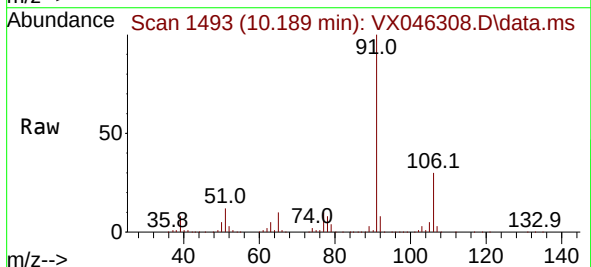
Manual Integrations
APPROVED

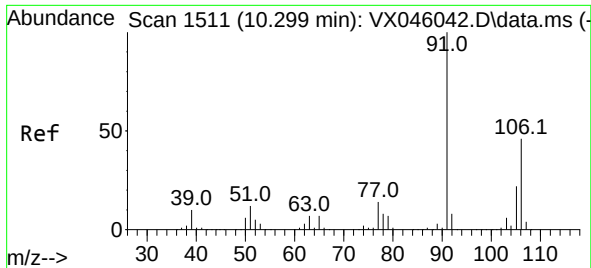
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#67
Ethyl Benzene
Concen: 53.467 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Tgt Ion: 91 Resp: 262796
Ion Ratio Lower Upper
91 100
106 29.7 23.4 35.2





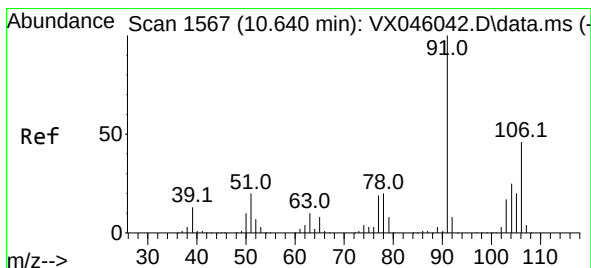
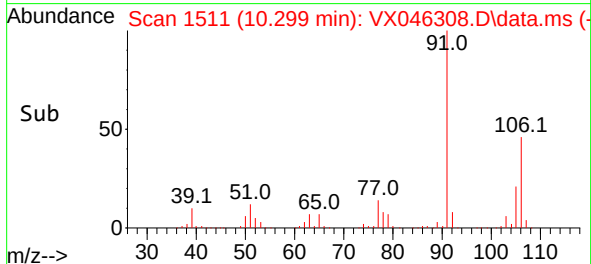
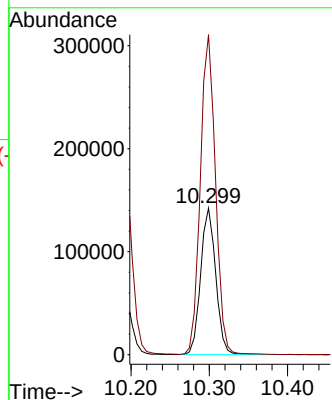
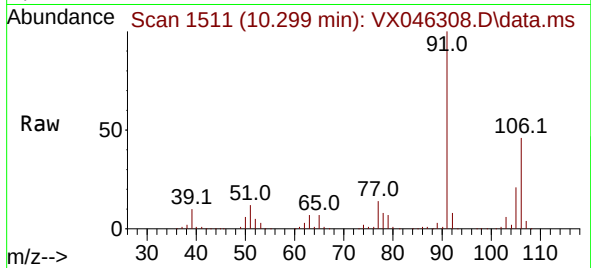
#68
m/p-Xylenes
Concen: 105.672 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD

Tgt Ion:106 Resp: 189962
Ion Ratio Lower Upper
106 100
91 220.3 171.2 256.8

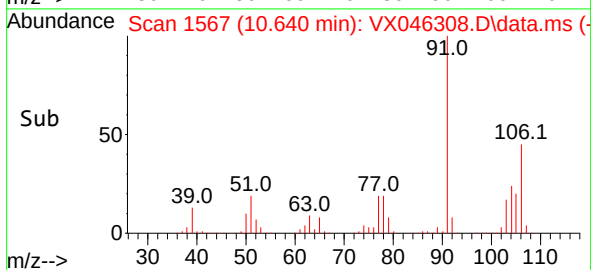
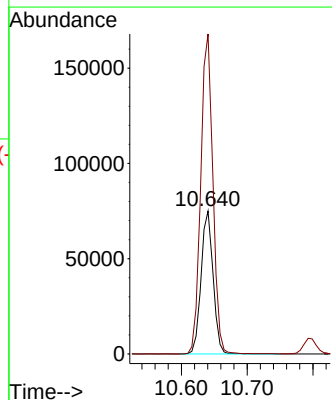
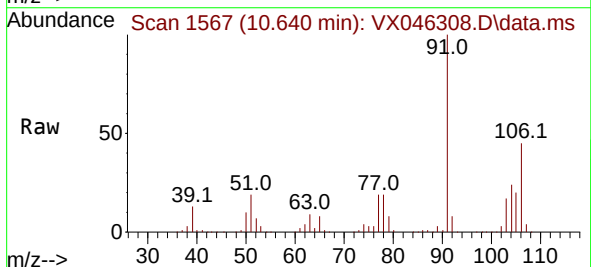
Manual Integrations
APPROVED

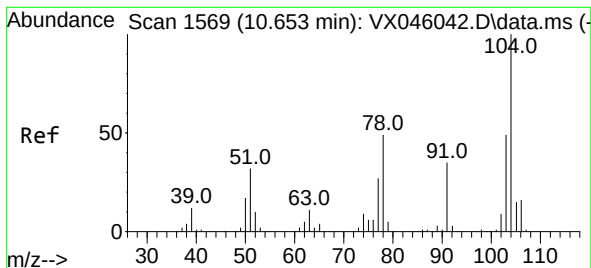
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#69
o-Xylene
Concen: 54.305 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

Tgt Ion:106 Resp: 95172
Ion Ratio Lower Upper
106 100
91 226.7 112.7 338.1





#70

Styrene

Concen: 52.763 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX046308.D

Acq: 21 May 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MSD

Tgt Ion:104 Resp: 151475

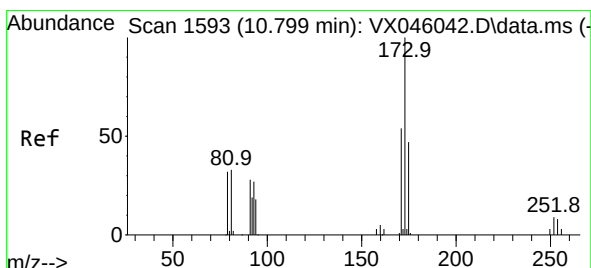
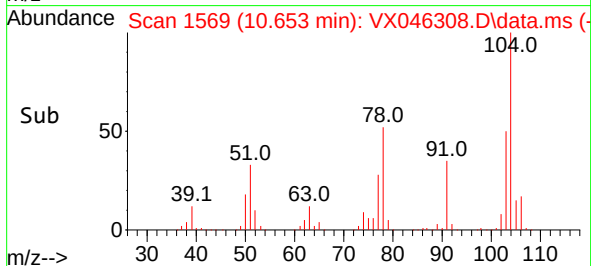
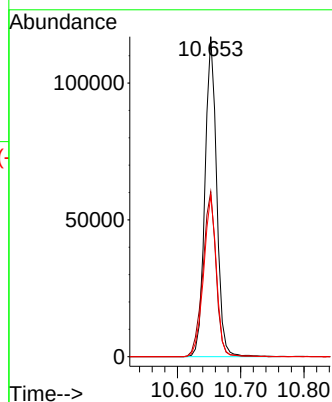
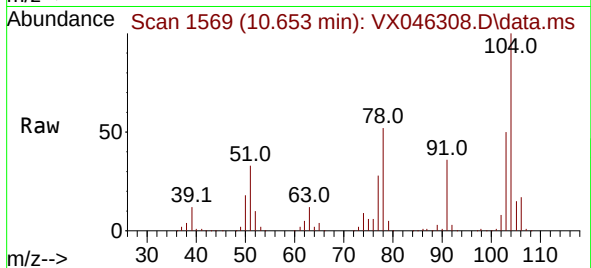
Ion	Ratio	Lower	Upper
104	100		
78	58.0	45.7	68.5
103	54.9	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#71

Bromoform

Concen: 54.145 ug/l

RT: 10.799 min Scan# 1593

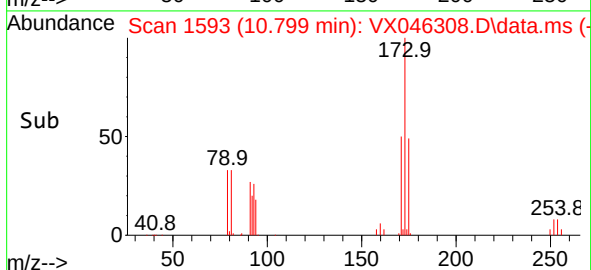
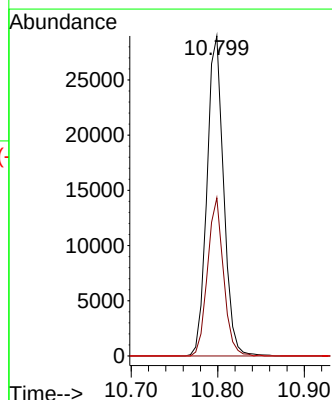
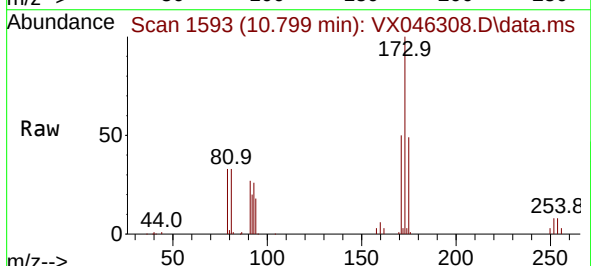
Delta R.T. 0.000 min

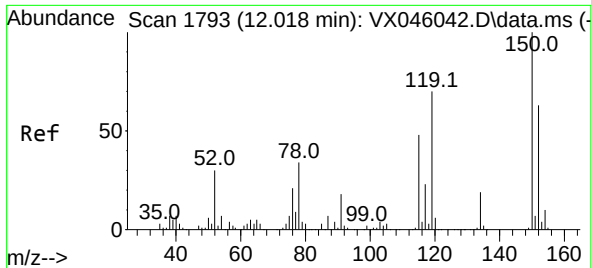
Lab File: VX046308.D

Acq: 21 May 2025 19:21

Tgt Ion:173 Resp: 38705

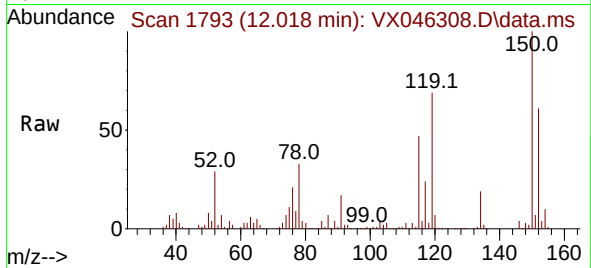
Ion	Ratio	Lower	Upper
173	100		
175	47.5	23.4	70.0
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

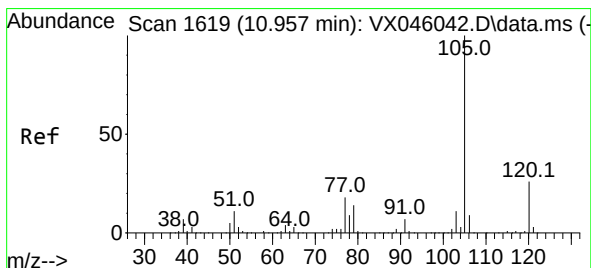
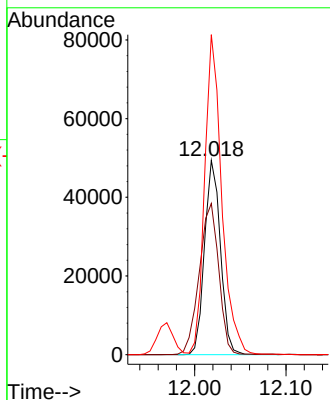
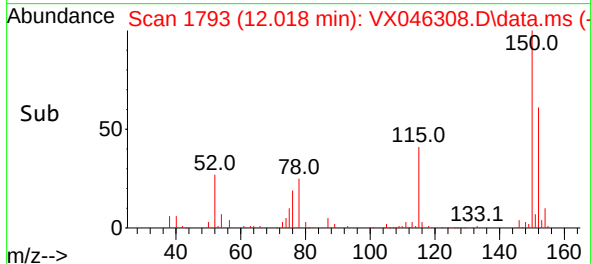
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



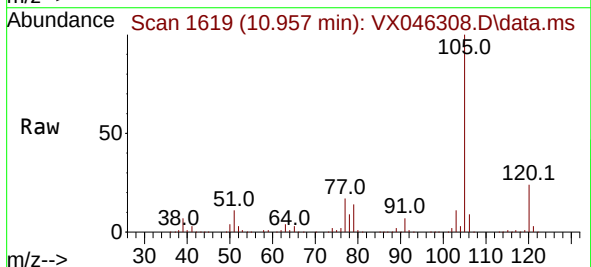
Tgt Ion:152 Resp: 59572
Ion Ratio Lower Upper
152 100
115 95.6 46.9 140.7
150 177.3 0.0 351.0

Manual Integrations
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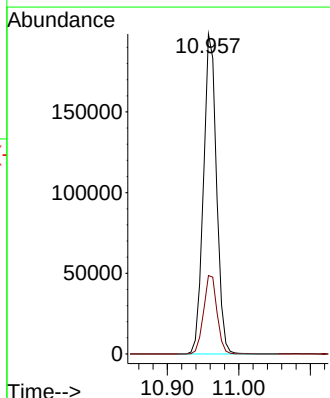
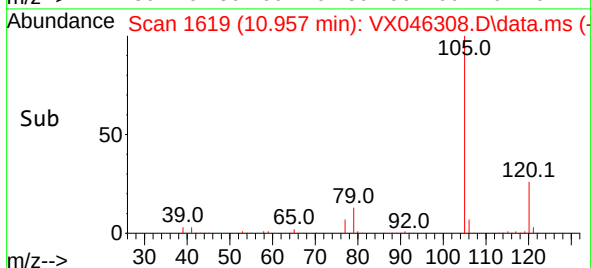
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

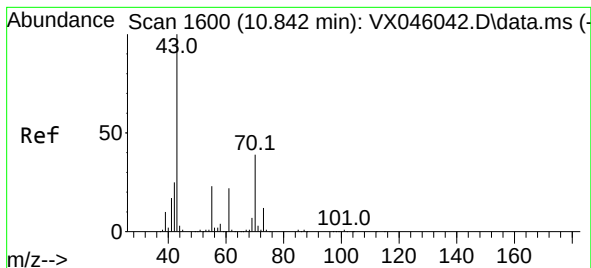


#73
Isopropylbenzene
Concen: 54.364 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



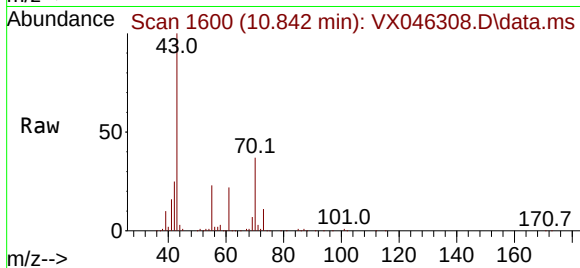
Tgt Ion:105 Resp: 252133
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4





#74
N-amy1 acetate
Concen: 54.075 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

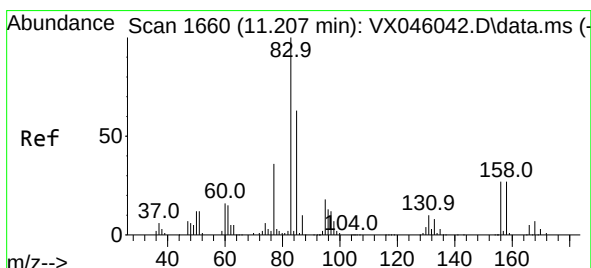
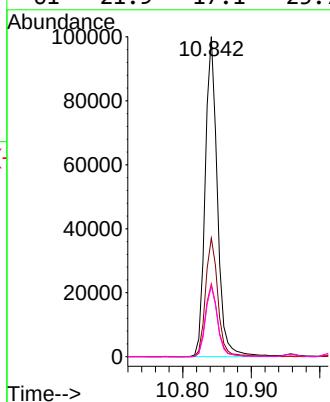
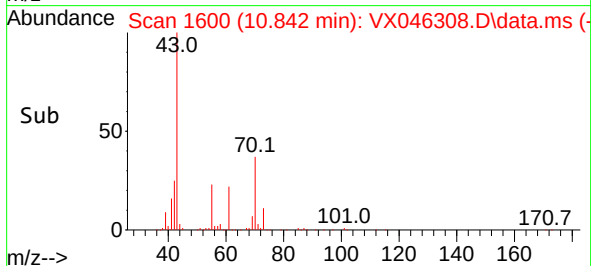
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion: 43 Resp: 123928
Ion Ratio Lower Upper
43 100
70 37.7 30.9 46.3
55 23.3 18.7 28.1
61 21.9 17.1 25.7

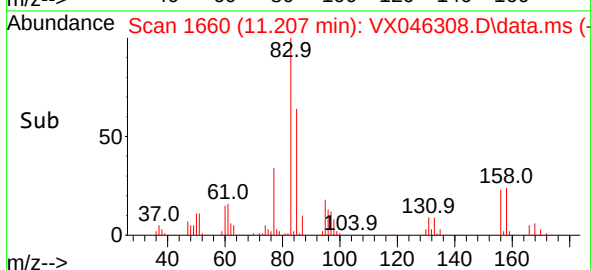
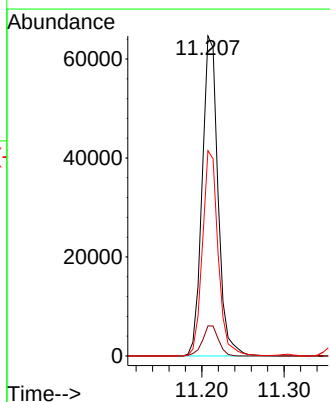
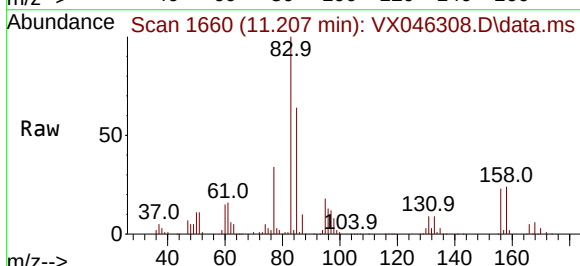
Manual Integrations
APPROVED

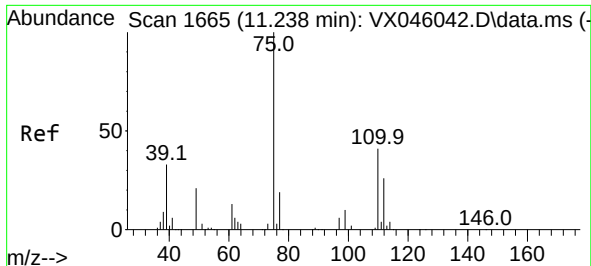
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 53.190 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

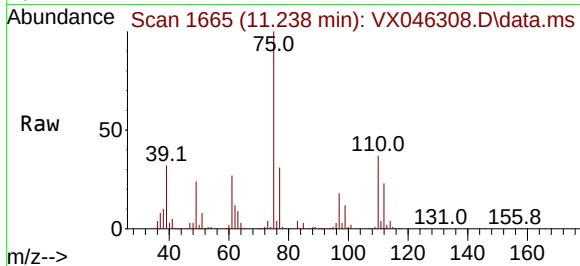
Tgt Ion: 83 Resp: 86448
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 63.6 31.9 95.7





#76
1,2,3-Trichloropropane
Concen: 53.872 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

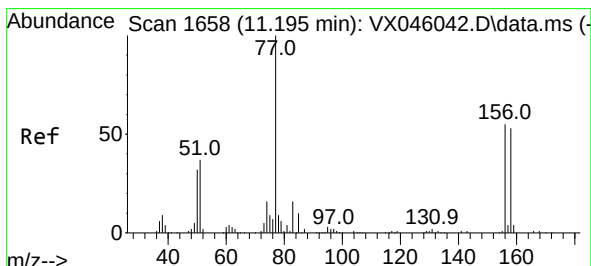
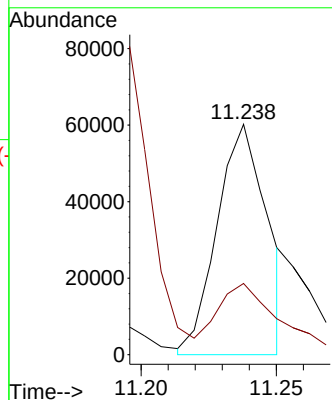
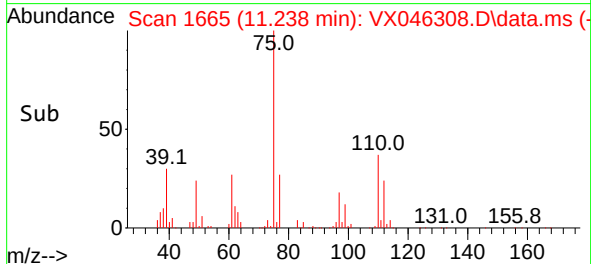
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



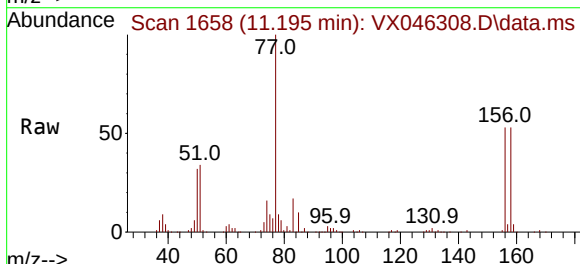
Tgt Ion: 75 Resp: 77248
Ion Ratio Lower Upper
75 100
77 39.0 20.5 61.5

Manual Integrations
APPROVED

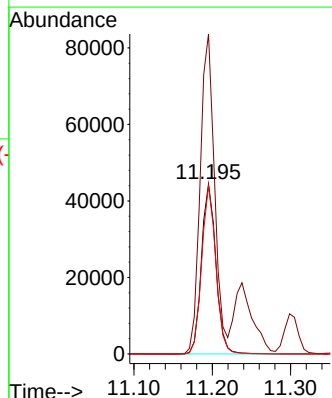
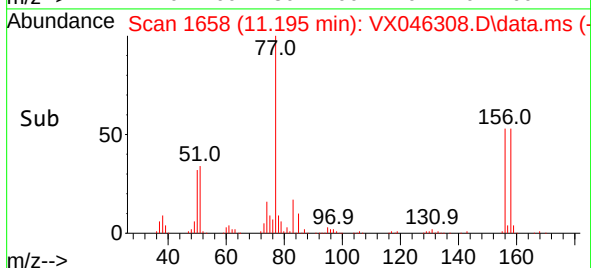
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

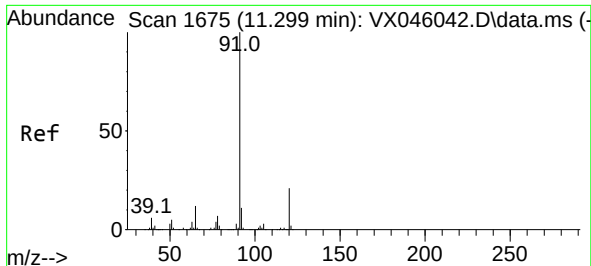


#77
Bromobenzene
Concen: 52.834 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



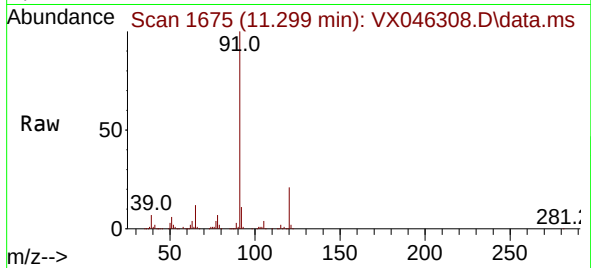
Tgt Ion:156 Resp: 56888
Ion Ratio Lower Upper
156 100
77 187.9 92.8 278.3
158 96.9 48.8 146.3





#78
n-propylbenzene
Concen: 54.229 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

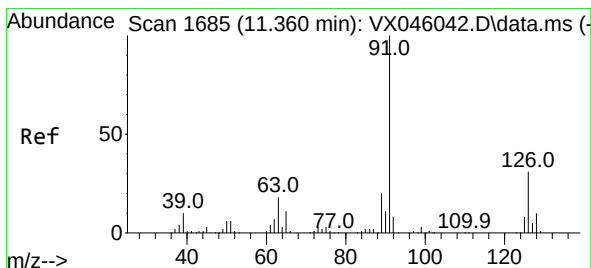
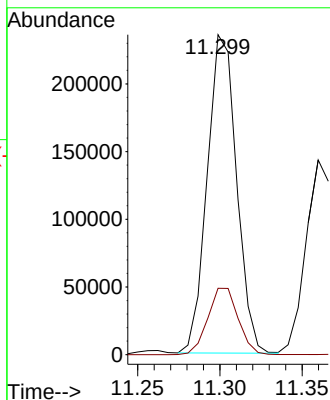
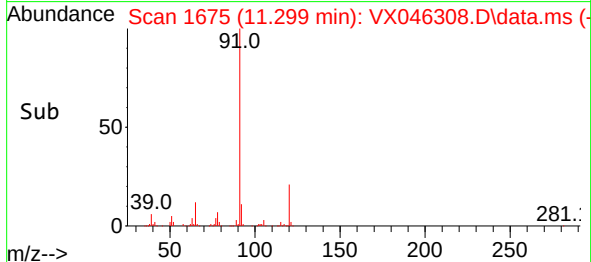
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



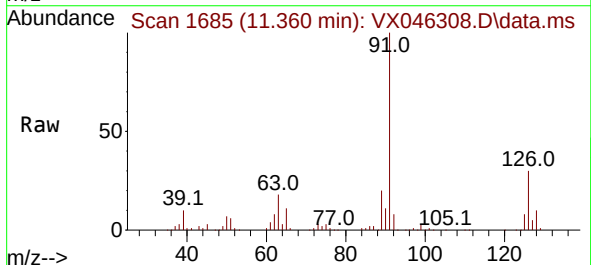
Tgt Ion: 91 Resp: 292439
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4

Manual Integrations
APPROVED

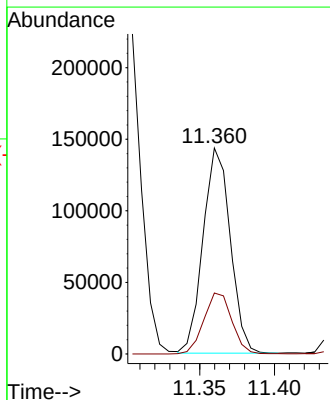
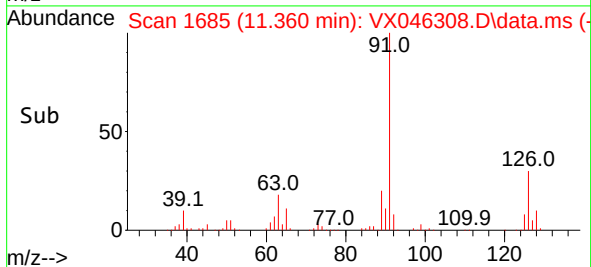
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

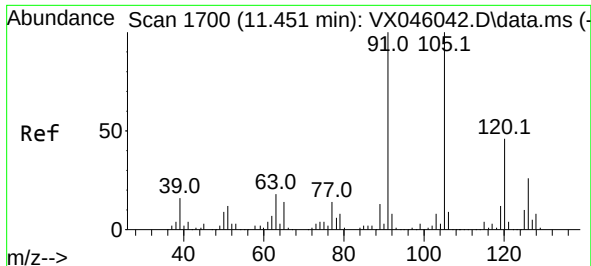


#79
2-Chlorotoluene
Concen: 52.131 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



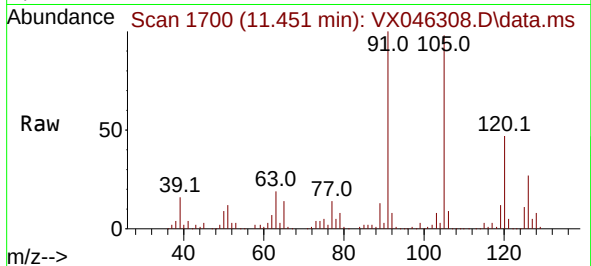
Tgt Ion: 91 Resp: 181325
Ion Ratio Lower Upper
91 100
126 30.7 15.6 46.7





#80
1,3,5-Trimethylbenzene
Concen: 54.135 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

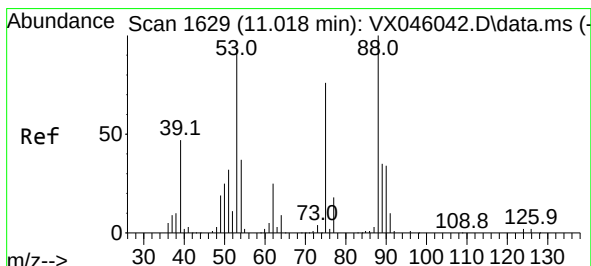
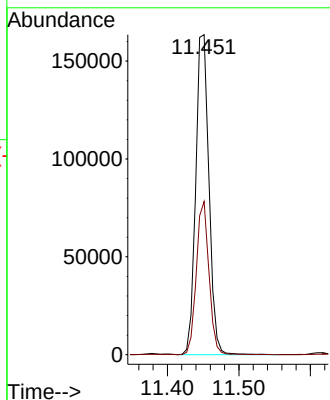
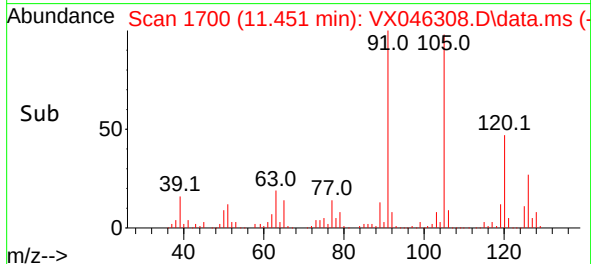
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



Tgt Ion:105 Resp: 20975
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2

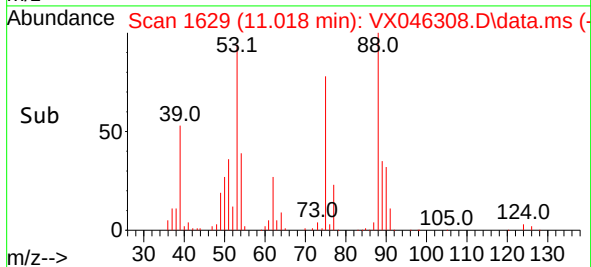
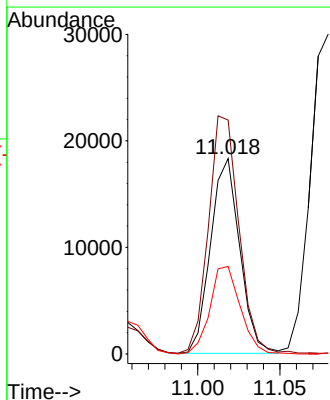
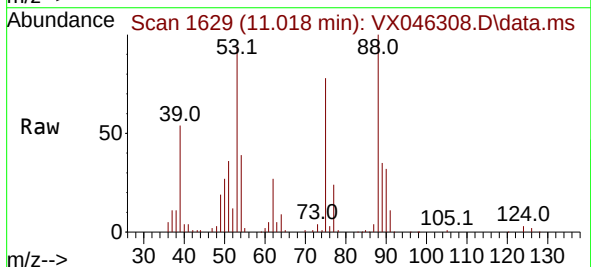
Manual Integrations
APPROVED

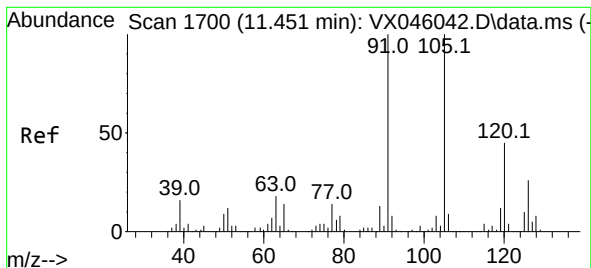
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 51.378 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

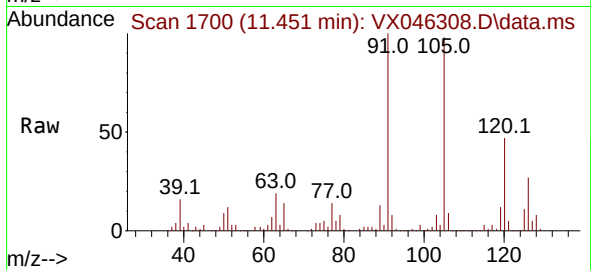
Tgt Ion: 75 Resp: 22629
Ion Ratio Lower Upper
75 100
53 127.9 100.5 150.7
89 46.8 37.0 55.6





#82
4-Chlorotoluene
Concen: 53.548 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

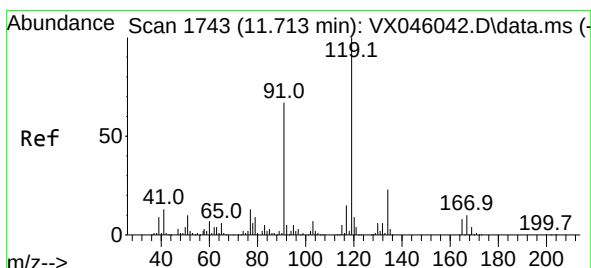
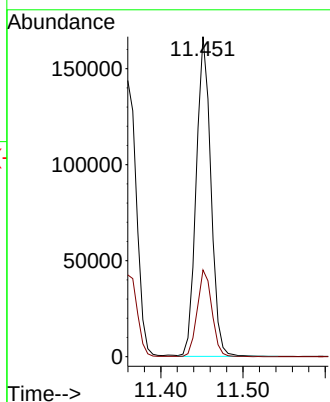
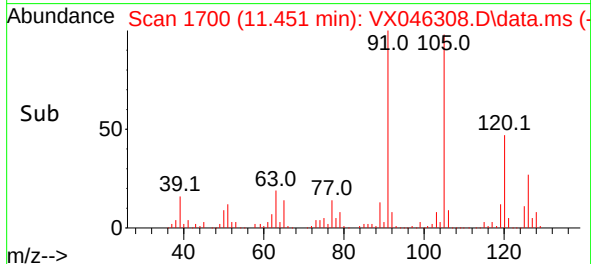
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



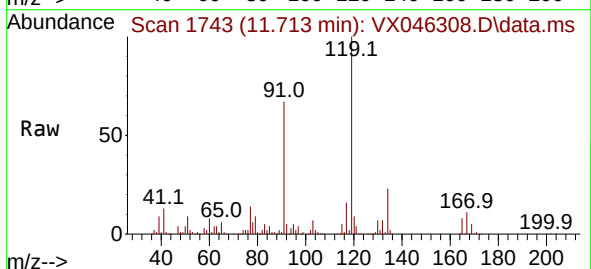
Tgt Ion: 91 Resp: 206552
Ion Ratio Lower Upper
91 100
126 27.2 13.3 39.8

Manual Integrations
APPROVED

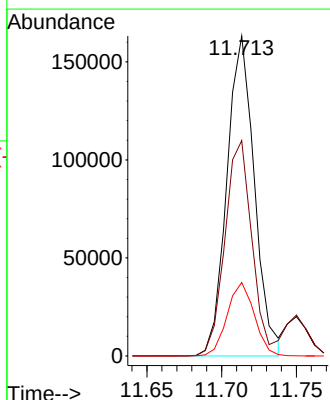
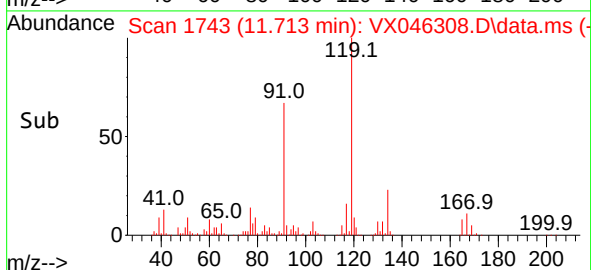
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

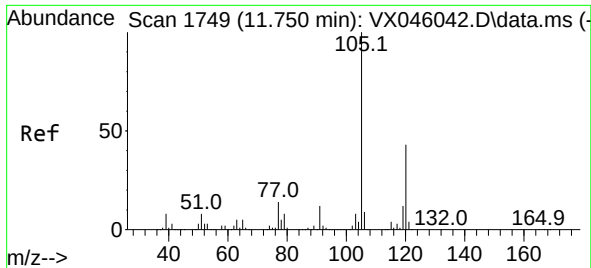


#83
tert-Butylbenzene
Concen: 53.645 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



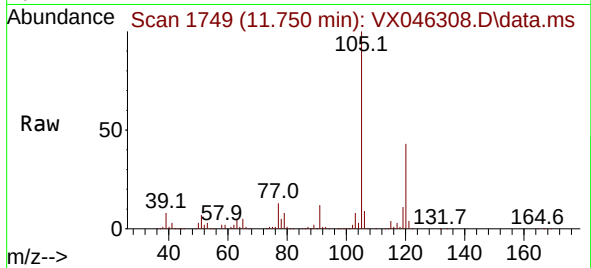
Tgt Ion:119 Resp: 209369
Ion Ratio Lower Upper
119 100
91 65.1 32.9 98.7
134 22.6 11.4 34.1





#84
1,2,4-Trimethylbenzene
Concen: 54.297 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

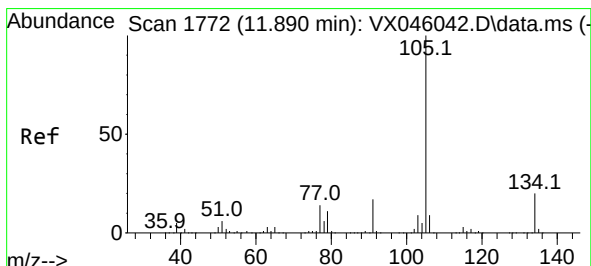
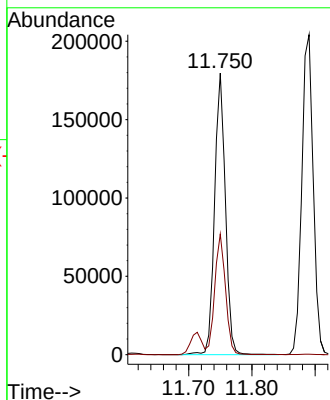
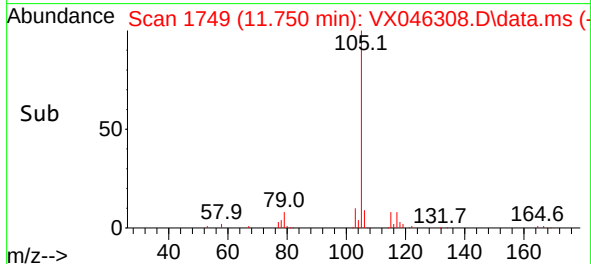
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



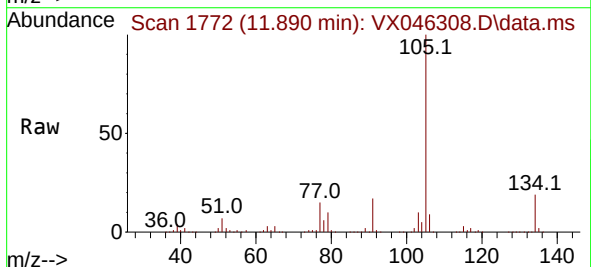
Tgt Ion:105 Resp: 213049
Ion Ratio Lower Upper
105 100
120 42.5 21.2 63.6

Manual Integrations
APPROVED

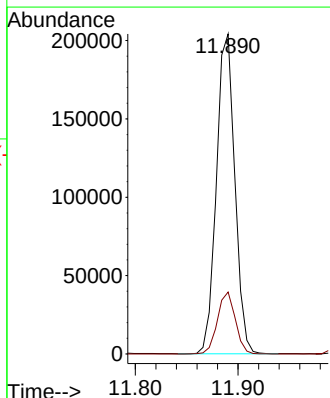
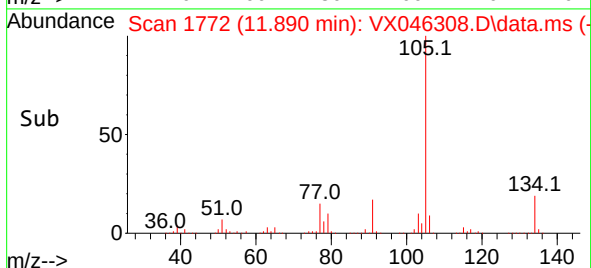
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

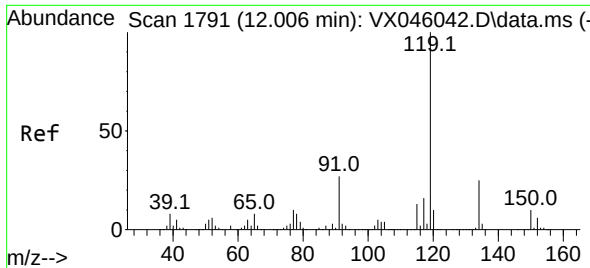


#85
sec-Butylbenzene
Concen: 52.812 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



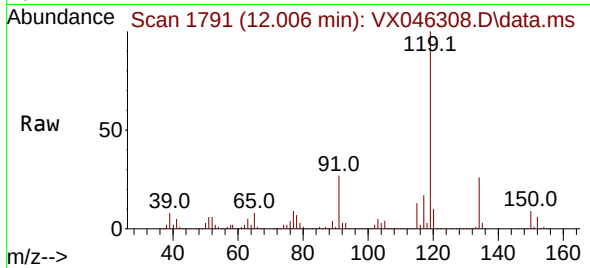
Tgt Ion:105 Resp: 253076
Ion Ratio Lower Upper
105 100
134 18.9 9.7 29.1





#86
p-Isopropyltoluene
Concen: 53.227 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

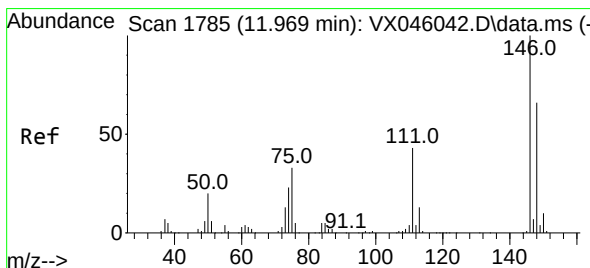
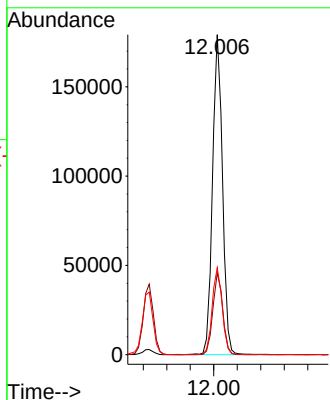
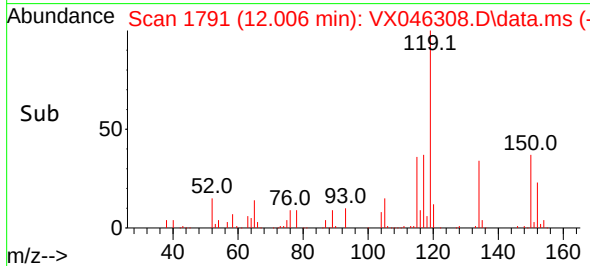
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



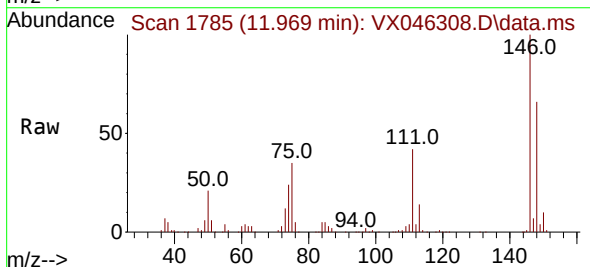
Tgt Ion:119 Resp: 21053
Ion Ratio Lower Upper
119 100
134 25.4 12.5 37.5
91 27.5 13.8 41.4

Manual Integrations
APPROVED

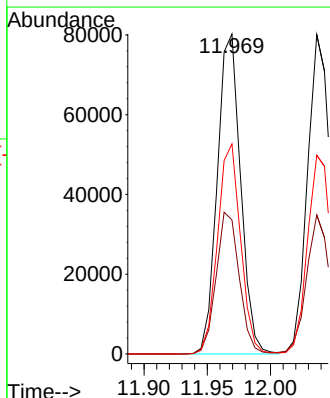
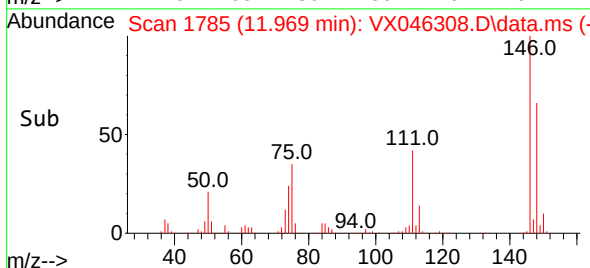
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

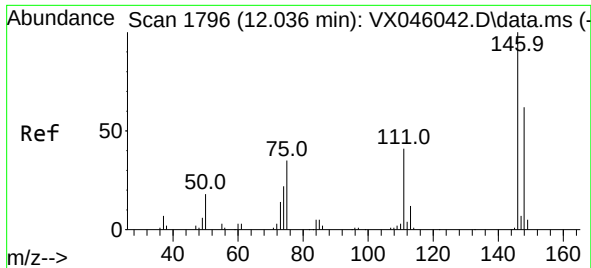


#87
1,3-Dichlorobenzene
Concen: 52.302 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



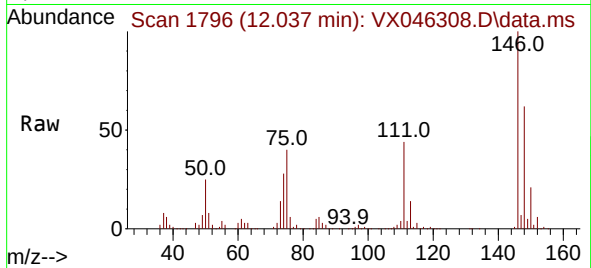
Tgt Ion:146 Resp: 102778
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.3
148 64.8 32.1 96.5





#88
1,4-Dichlorobenzene
Concen: 51.104 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

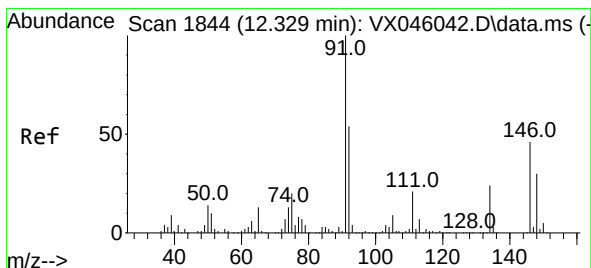
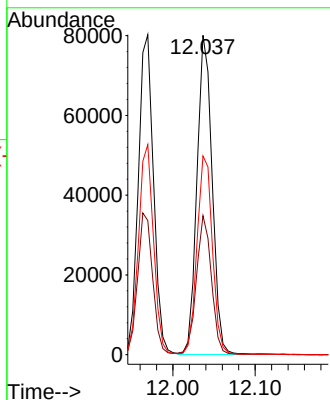
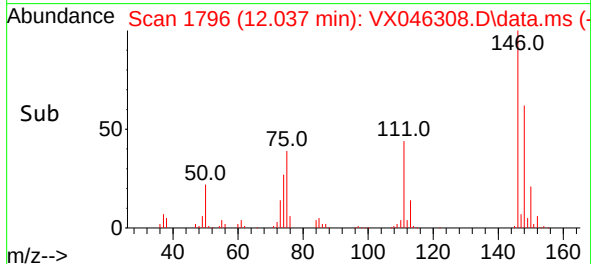
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



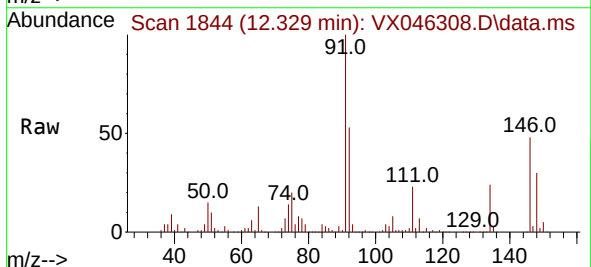
Tgt Ion:146 Resp: 102559
Ion Ratio Lower Upper
146 100
111 43.1 21.3 63.9
148 63.2 31.9 95.5

Manual Integrations
APPROVED

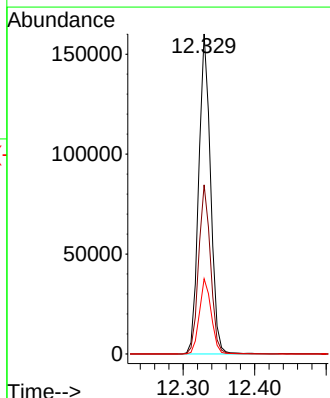
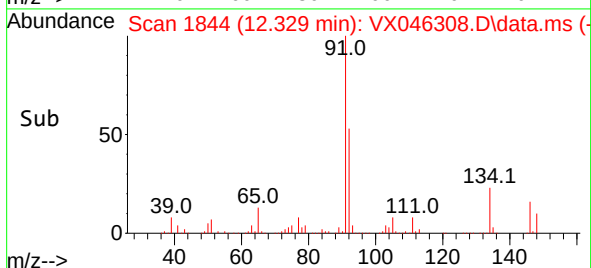
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

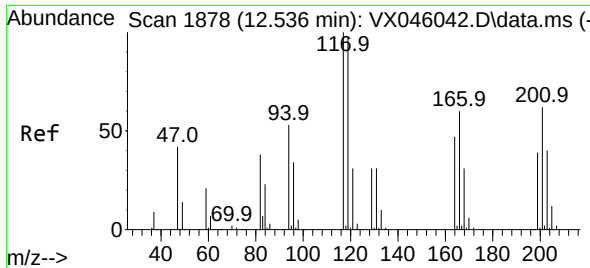


#89
n-Butylbenzene
Concen: 52.901 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



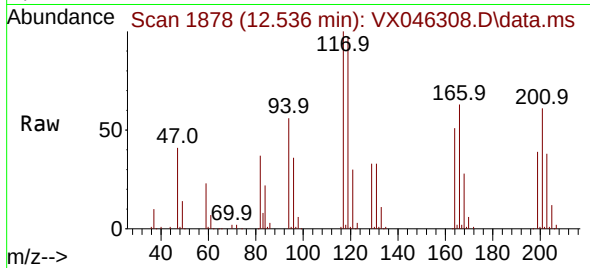
Tgt Ion: 91 Resp: 183546
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 23.5 11.8 35.3





#90
Hexachloroethane
Concen: 52.993 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

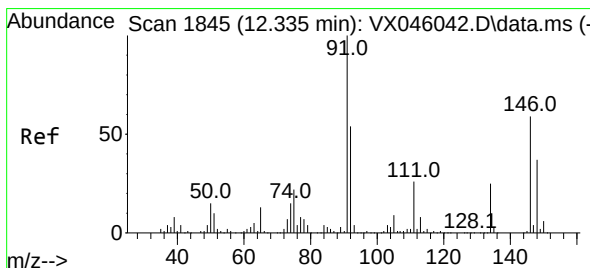
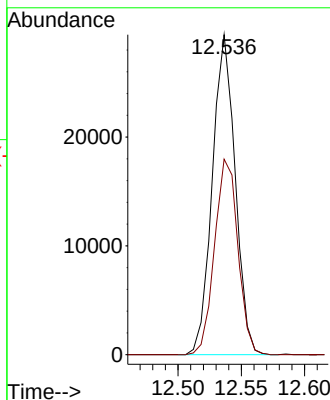
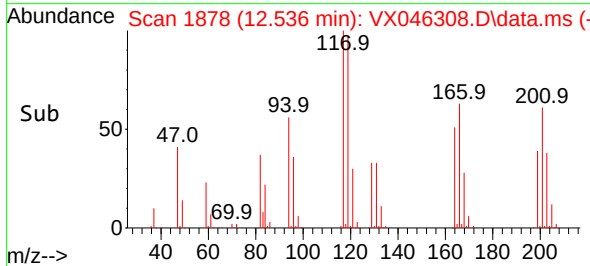
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



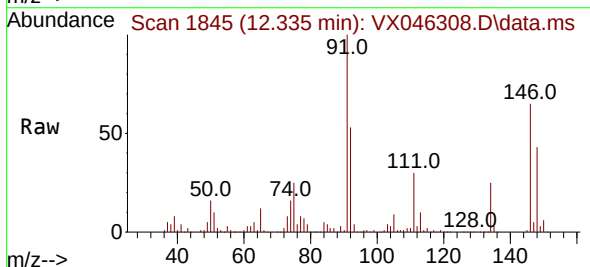
Tgt Ion:117 Resp: 36929
Ion Ratio Lower Upper
117 100
201 62.4 31.6 94.7

Manual Integrations
APPROVED

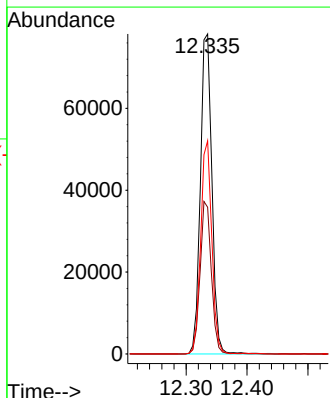
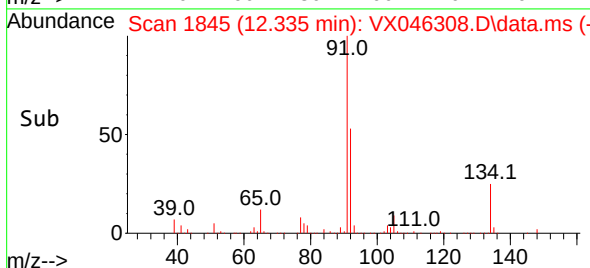
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

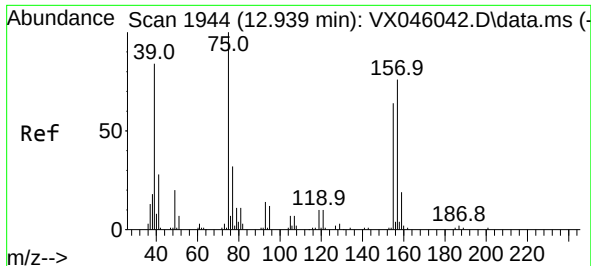


#91
1,2-Dichlorobenzene
Concen: 52.146 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



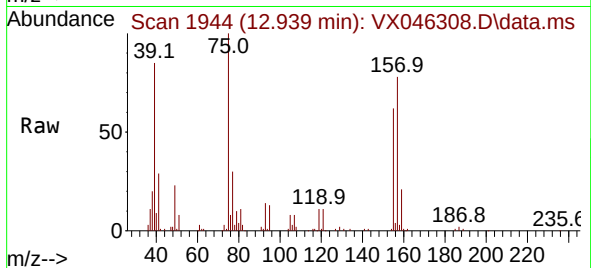
Tgt Ion:146 Resp: 102829
Ion Ratio Lower Upper
146 100
111 46.7 22.4 67.3
148 64.2 31.6 94.8





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.870 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX046308.D
 Acq: 21 May 2025 19:21

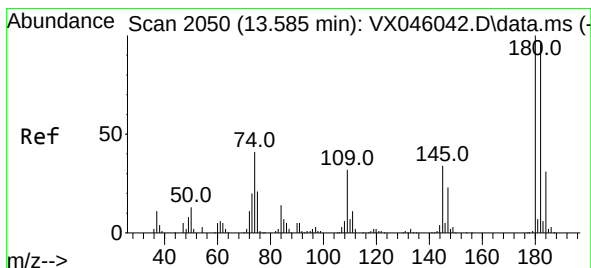
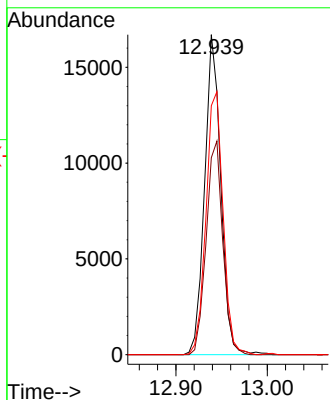
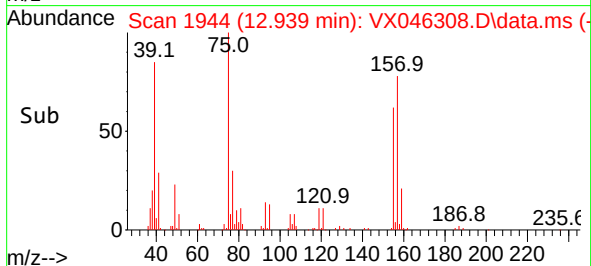
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-400-402MSD



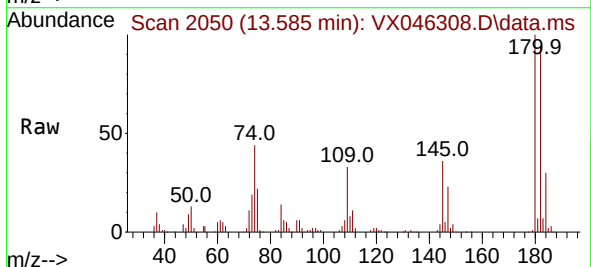
Tgt Ion: 75 Resp: 20470
 Ion Ratio Lower Upper
 75 100
 155 68.7 34.9 104.8
 157 86.8 43.8 131.4

Manual Integrations
 APPROVED

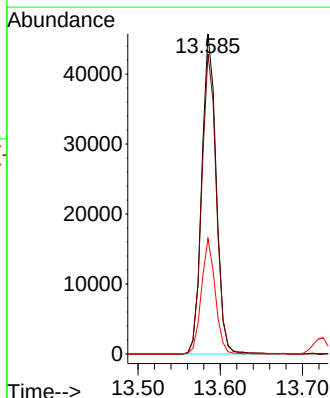
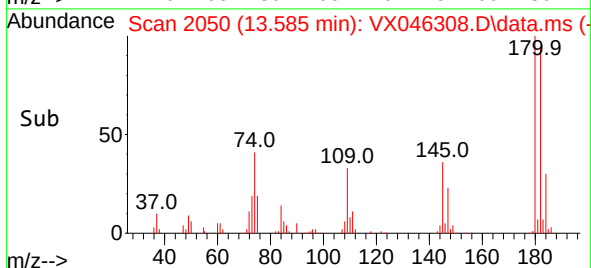
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

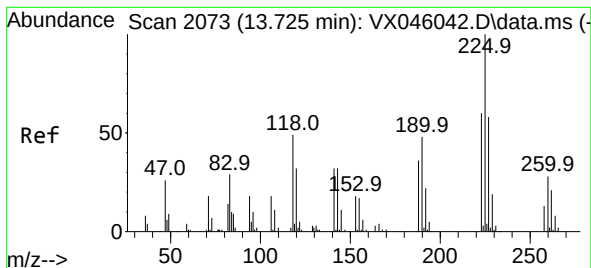


#93
 1,2,4-Trichlorobenzene
 Concen: 48.956 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX046308.D
 Acq: 21 May 2025 19:21



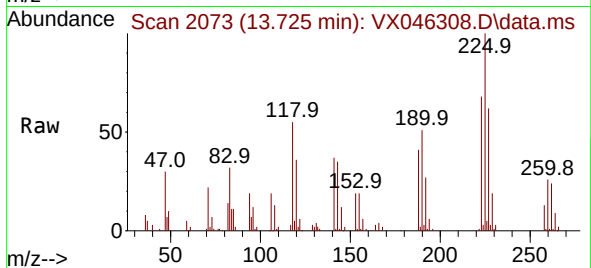
Tgt Ion:180 Resp: 55448
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.9 143.8
 145 34.6 17.1 51.2





#94
Hexachlorobutadiene
Concen: 46.289 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21

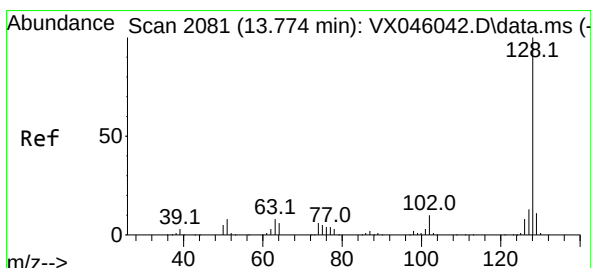
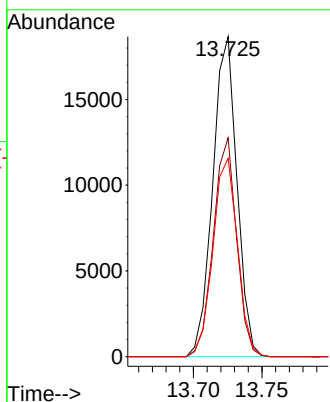
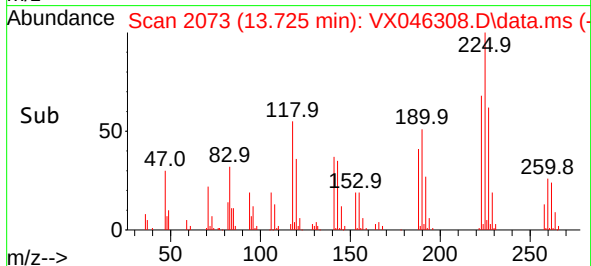
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MSD



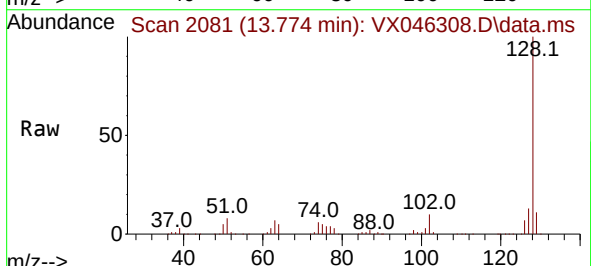
Tgt Ion:225 Resp: 2289
Ion Ratio Lower Upper
225 100
223 65.7 30.8 92.4
227 63.1 30.9 92.7

Manual Integrations
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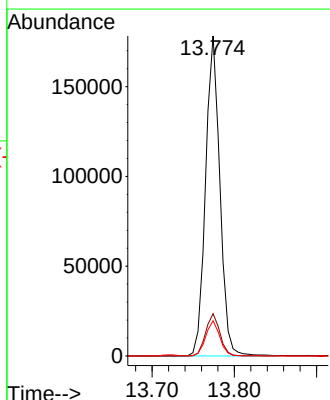
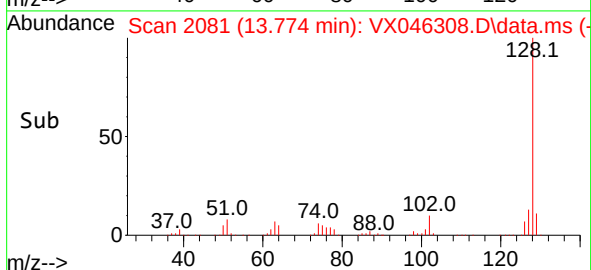
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

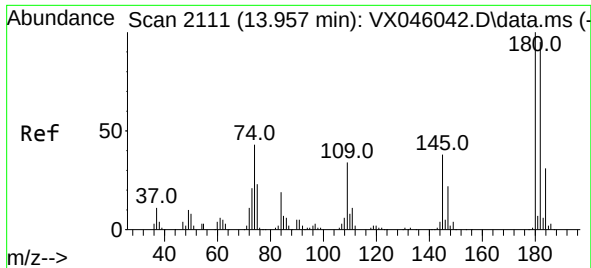


#95
Naphthalene
Concen: 51.914 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046308.D
Acq: 21 May 2025 19:21



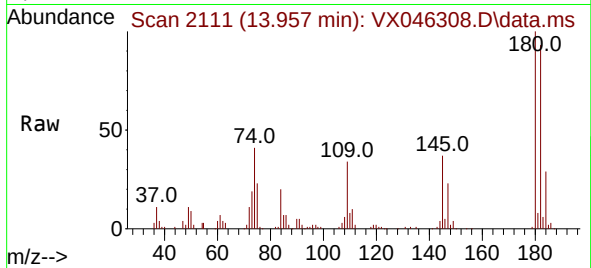
Tgt Ion:128 Resp: 215650
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 49.669 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX046308.D
 Acq: 21 May 2025 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-400-402MSD



Tgt Ion:180 Resp: 58040
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.8 143.3
 145 37.1 18.1 54.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

