

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046307.D
 Acq On : 21 May 2025 18:58
 Operator : JC/MD
 Sample : Q2082-10MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: May 22 01:54:13 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	5.544	168	78978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78357	53.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.440%			
35) Dibromofluoromethane	5.379	113	53550	52.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.140%			
50) Toluene-d8	8.647	98	180789	51.277	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.560%			
62) 4-Bromofluorobenzene	11.079	95	70515	52.140	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59216	48.987	ug/l	98
3) Chloromethane	1.301	50	64817	55.293	ug/l	98
4) Vinyl Chloride	1.374	62	57358	52.574	ug/l	99
5) Bromomethane	1.593	94	25896	51.176	ug/l	99
6) Chloroethane	1.666	64	33674	57.817	ug/l	98
7) Trichlorofluoromethane	1.874	101	86629	53.727	ug/l	99
8) Diethyl Ether	2.136	74	30526	55.614	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	48093	48.198	ug/l	98
10) Methyl Iodide	2.447	142	65628	55.584	ug/l	98
11) Tert butyl alcohol	2.977	59	63665	308.035	ug/l	100
12) 1,1-Dichloroethene	2.313	96	50893	54.345	ug/l	99
13) Acrolein	2.233	56	77501	329.263	ug/l	100
14) Allyl chloride	2.660	41	101853	56.908	ug/l	97
15) Acrylonitrile	3.062	53	177463	300.281	ug/l	98
16) Acetone	2.386	43	172861	292.804	ug/l	98
17) Carbon Disulfide	2.502	76	110641	49.834	ug/l	100
18) Methyl Acetate	2.703	43	85283	62.252	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	186782	56.889	ug/l	98
20) Methylene Chloride	2.782	84	59984	53.021	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	51220	54.387	ug/l	95
22) Diisopropyl ether	3.757	45	199564	57.724	ug/l	99
23) Vinyl Acetate	3.721	43	811524	266.882	ug/l	99
24) 1,1-Dichloroethane	3.605	63	110034	57.143	ug/l	99
25) 2-Butanone	4.556	43	259427	302.686	ug/l	100
26) 2,2-Dichloropropane	4.465	77	70914	47.051	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	62570	55.189	ug/l	99
28) Bromochloromethane	4.891	49	48498	52.324	ug/l	98
29) Tetrahydrofuran	5.001	42	161890	301.432	ug/l	98
30) Chloroform	5.086	83	114234	56.916	ug/l	99
31) Cyclohexane	5.464	56	90799	51.745	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	96610	55.528	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72363	52.871	ug/l	99
37) Ethyl Acetate	4.715	43	89154	52.723	ug/l	99
38) Carbon Tetrachloride	5.672	117	81986	53.313	ug/l	98
39) Methylcyclohexane	7.373	83	80838	45.877	ug/l	98
40) Benzene	6.031	78	221627	55.283	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55484	62.723	ug/l	98
42) 1,2-Dichloroethane	6.080	62	96805	55.949	ug/l	99
43) Isopropyl Acetate	6.336	43	142220	55.130	ug/l	99
44) Trichloroethene	7.123	130	51875	53.763	ug/l	97
45) 1,2-Dichloropropane	7.427	63	56803	56.982	ug/l	99
46) Dibromomethane	7.580	93	43141	54.871	ug/l	99
47) Bromodichloromethane	7.818	83	88182	56.945	ug/l	98
48) Methyl methacrylate	7.690	41	79019	59.977	ug/l	97
49) 1,4-Dioxane	7.659	88	31607	1263.501	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	514194	300.280	ug/l	98
52) Toluene	8.714	92	136159	55.389	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	74631	54.221	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	82745	54.392	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	54138	55.853	ug/l	95
56) Ethyl methacrylate	9.116	69	90607	58.651	ug/l	98
57) 1,3-Dichloropropane	9.305	76	96432	55.396	ug/l	98
59) 2-Hexanone	9.427	43	378895	299.078	ug/l	100
60) Dibromochloromethane	9.519	129	61088	57.386	ug/l	99
61) 1,2-Dibromoethane	9.604	107	56278	55.862	ug/l	99
64) Tetrachloroethene	9.269	164	46842	52.259	ug/l	96
65) Chlorobenzene	10.073	112	145499	52.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50755	53.606	ug/l	98
67) Ethyl Benzene	10.189	91	265445	54.309	ug/l	99
68) m/p-Xylenes	10.299	106	191957	107.381	ug/l	97
69) o-Xylene	10.640	106	95278	54.671	ug/l	97
70) Styrene	10.653	104	155904	54.610	ug/l	99
71) Bromoform	10.799	173	37983	53.433	ug/l #	96
73) Isopropylbenzene	10.957	105	253501	56.332	ug/l	100
74) N-amyl acetate	10.842	43	120099	54.008	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84712	53.717	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	73877m	53.097	ug/l	
77) Bromobenzene	11.195	156	57095	54.649	ug/l	99
78) n-propylbenzene	11.299	91	296726	56.708	ug/l	99
79) 2-Chlorotoluene	11.360	91	185527	54.971	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	211600	56.283	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22554	52.775	ug/l	99
82) 4-Chlorotoluene	11.451	91	208231	55.636	ug/l	99
83) tert-Butylbenzene	11.713	119	208936	55.173	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	211945	55.669	ug/l	100
85) sec-Butylbenzene	11.890	105	259376	55.783	ug/l	99
86) p-Isopropyltoluene	12.006	119	212388	55.338	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	103199	54.123	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	102282	52.526	ug/l	99
89) n-Butylbenzene	12.329	91	181190	53.820	ug/l	99
90) Hexachloroethane	12.536	117	36535	54.032	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	103043	53.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19932	57.053	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	54008	49.144	ug/l	99
94) Hexachlorobutadiene	13.719	225	22295	46.451	ug/l	98
95) Naphthalene	13.774	128	209276	51.921	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	57612	50.806	ug/l	98

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

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

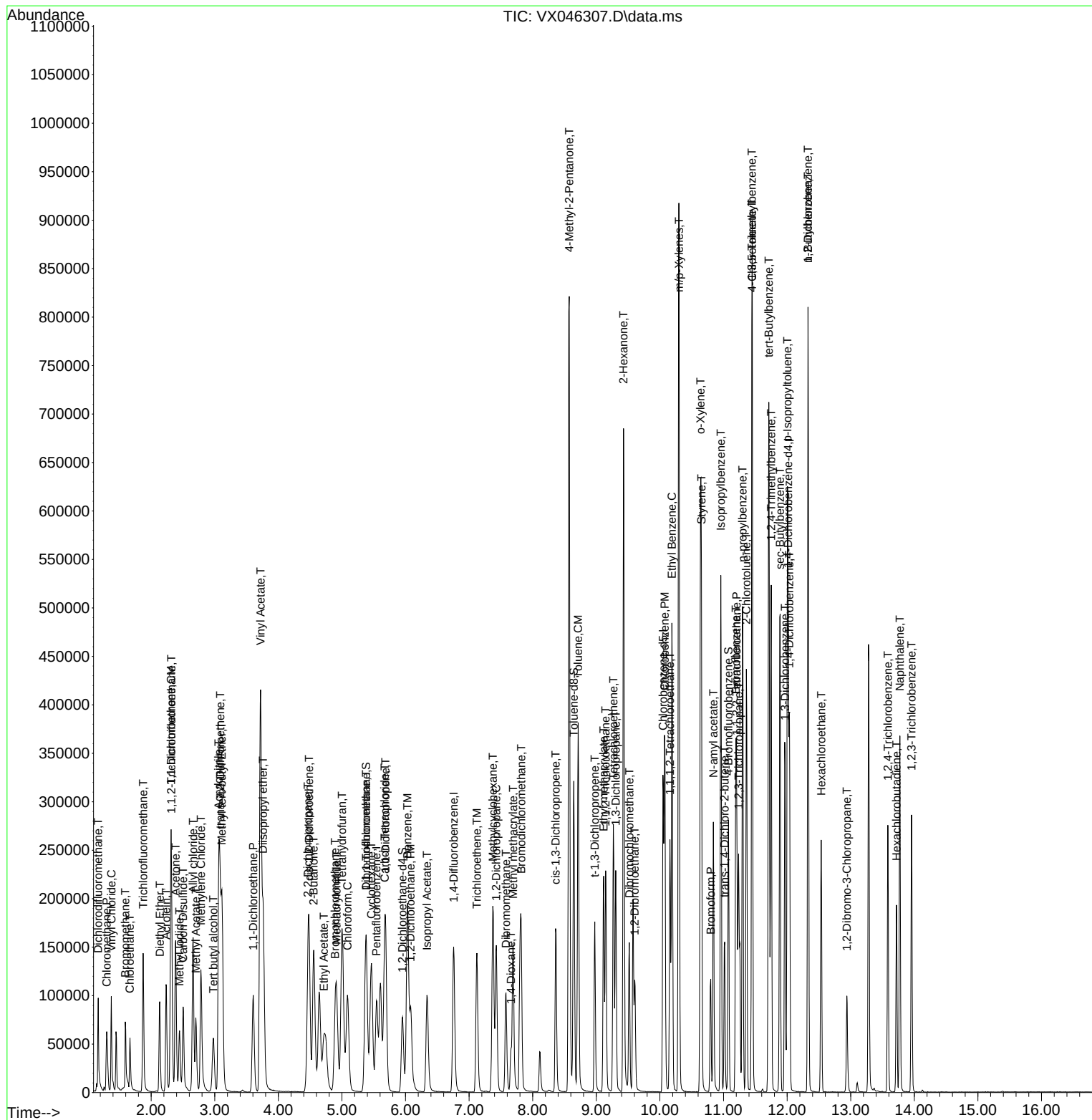
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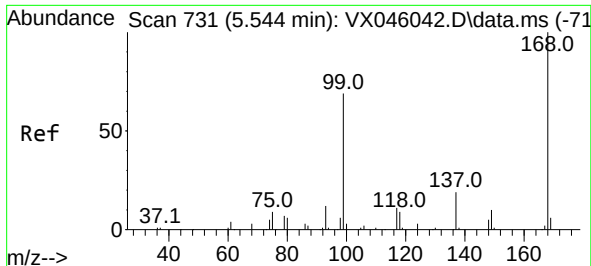
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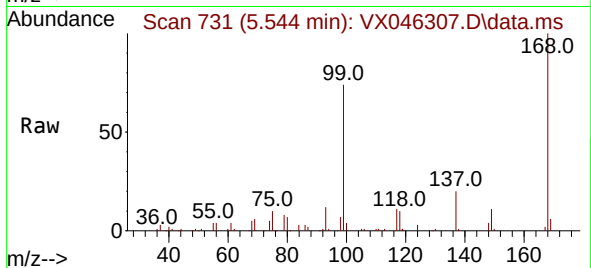
Reviewed By : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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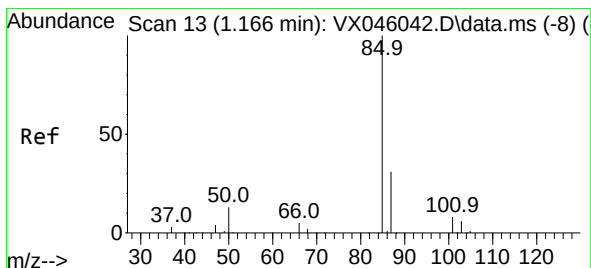
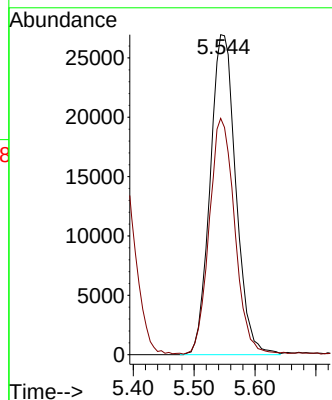
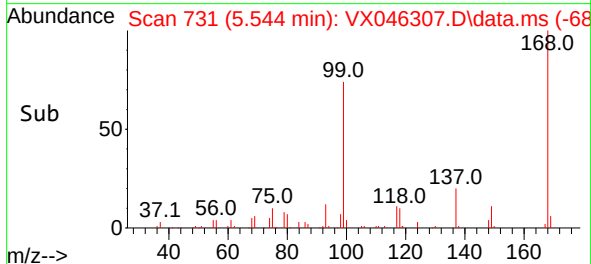
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion:168 Resp: 78978
Ion Ratio Lower Upper
168 100
99 73.4 54.9 82.3

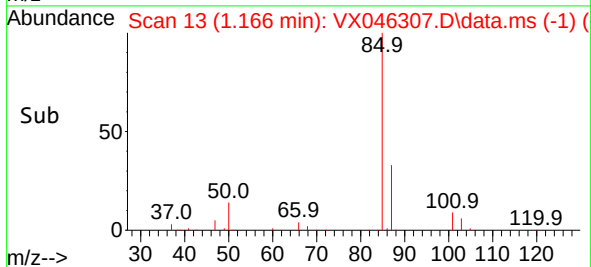
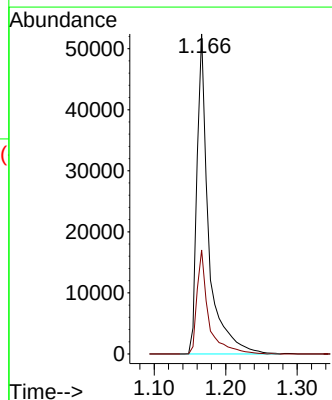
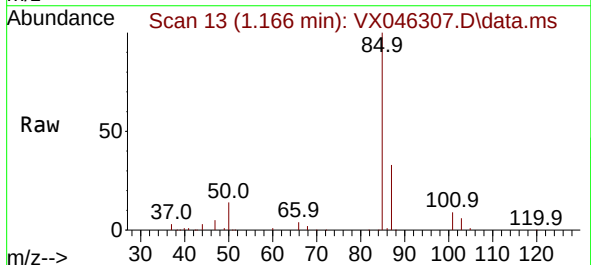
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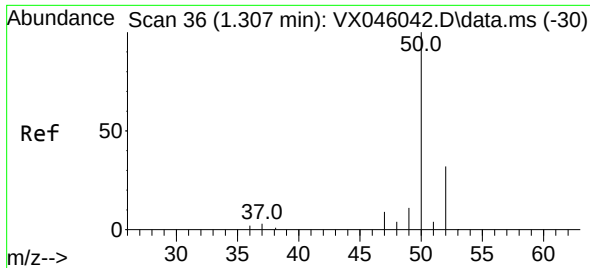
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#2
Dichlorodifluoromethane
Concen: 48.987 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion: 85 Resp: 59216
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





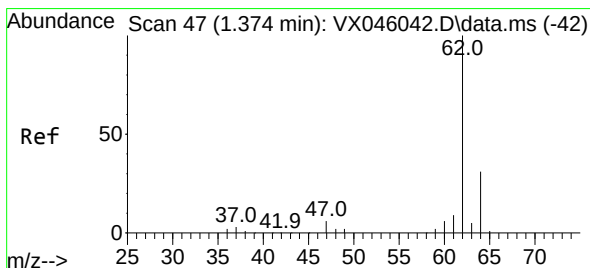
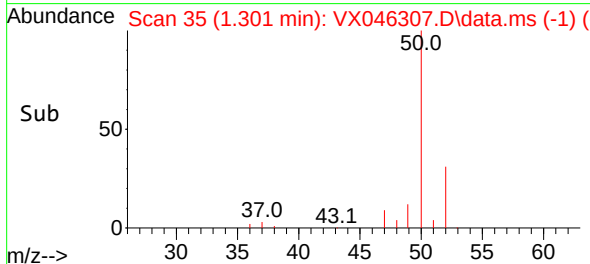
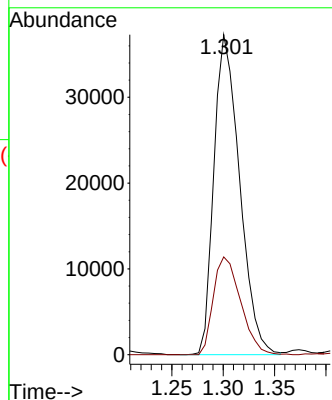
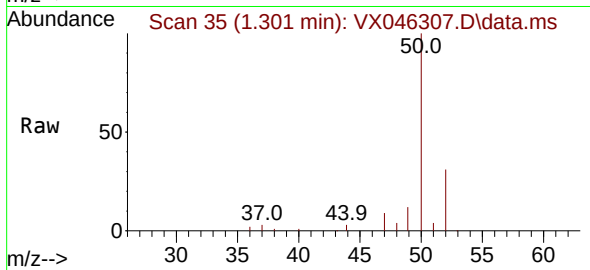
#3
Chloromethane
Concen: 55.293 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046307.D
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Tgt Ion: 50 Resp: 6481
Ion Ratio Lower Upper
50 100
52 30.6 25.4 38.2

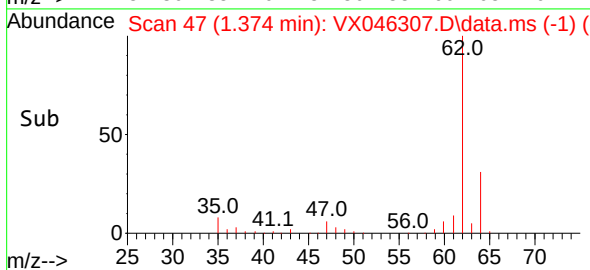
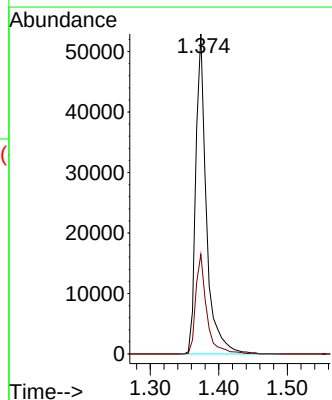
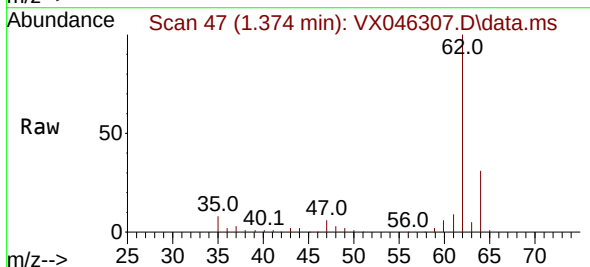
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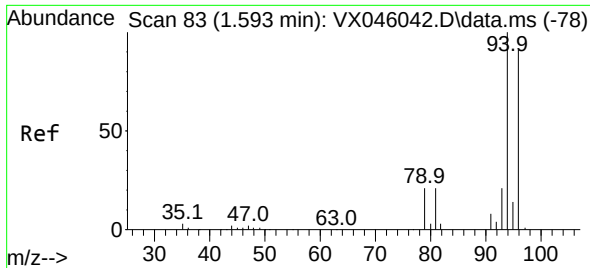
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#4
Vinyl Chloride
Concen: 52.574 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046307.D
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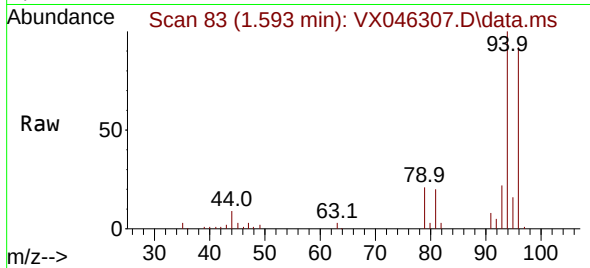
Tgt Ion: 62 Resp: 57358
Ion Ratio Lower Upper
62 100
64 31.2 25.2 37.8





#5
Bromomethane
Concen: 51.176 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046307.D
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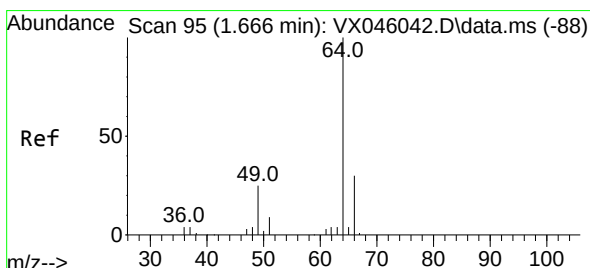
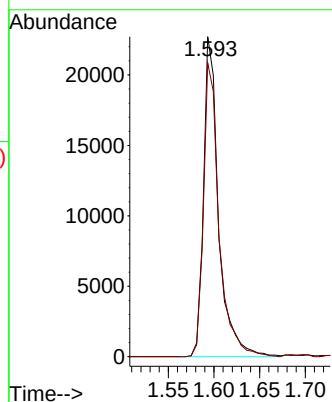
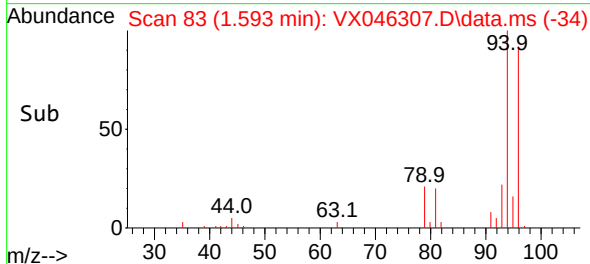
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Tgt Ion: 94 Resp: 25890
Ion Ratio Lower Upper
94 100
96 91.8 72.8 109.2

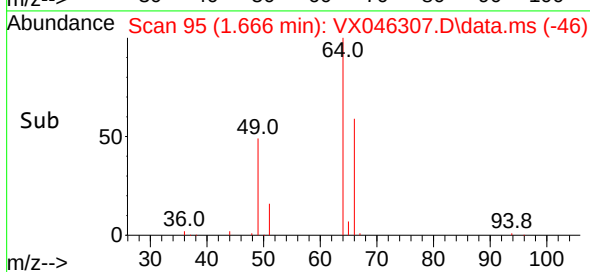
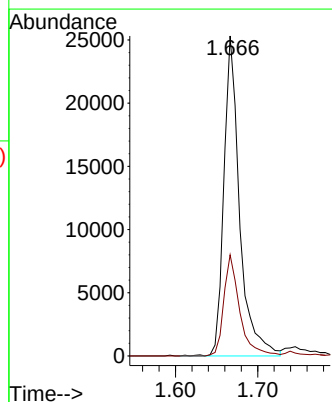
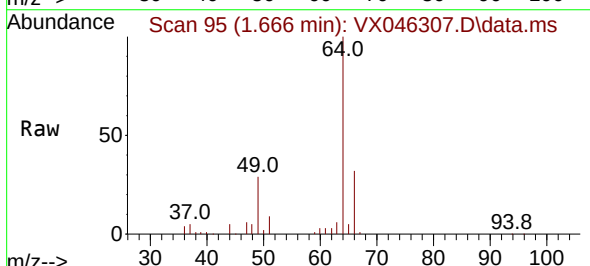
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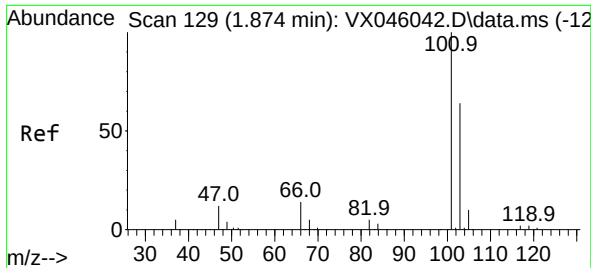
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#6
Chloroethane
Concen: 57.817 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046307.D
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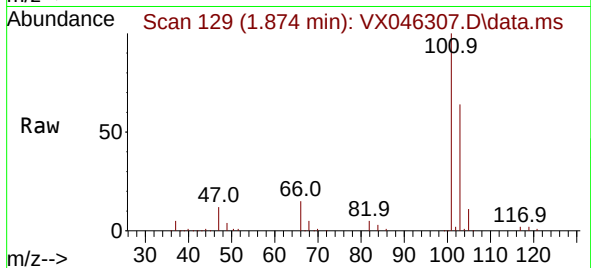
Tgt Ion: 64 Resp: 33674
Ion Ratio Lower Upper
64 100
66 31.6 24.3 36.5





#7
Trichlorofluoromethane
Concen: 53.727 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046307.D
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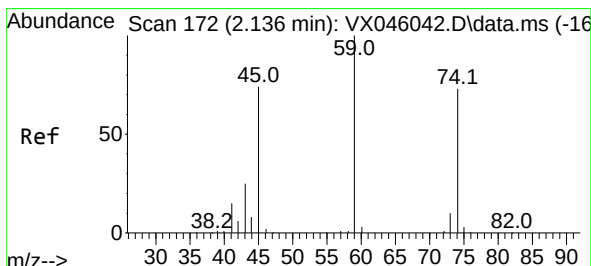
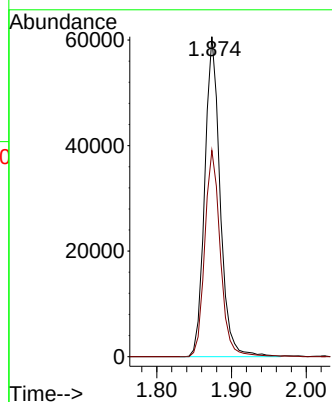
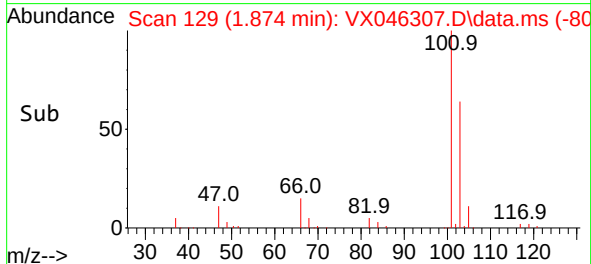
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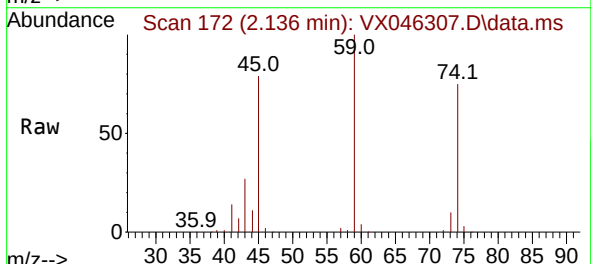
Tgt Ion:101 Resp: 86629
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

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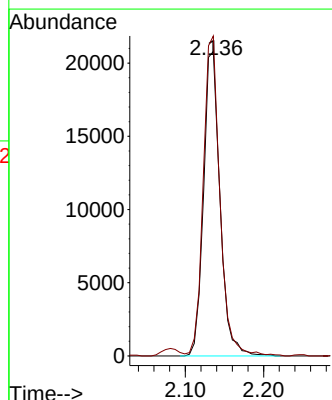
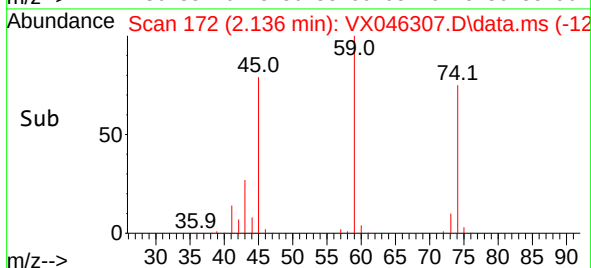
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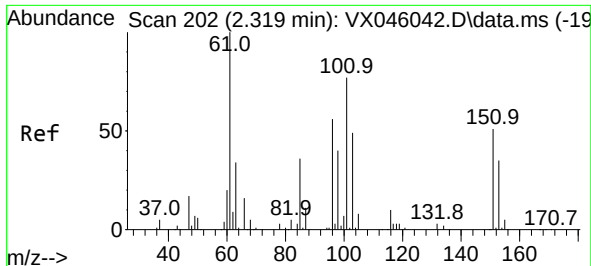


#8
Diethyl Ether
Concen: 55.614 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046307.D
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Tgt Ion: 74 Resp: 30526
Ion Ratio Lower Upper
74 100
45 105.8 54.9 164.8





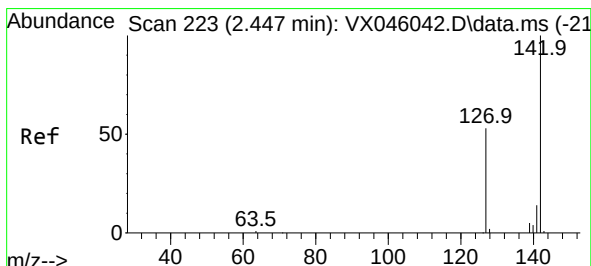
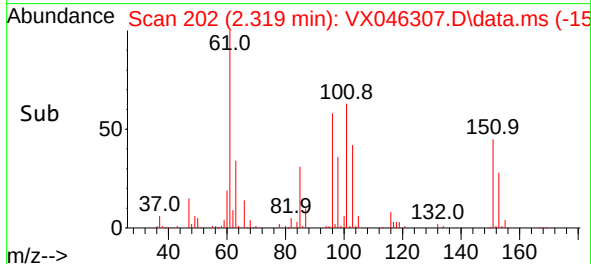
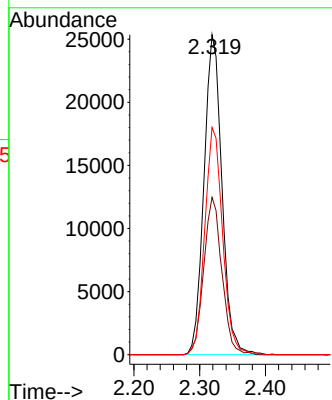
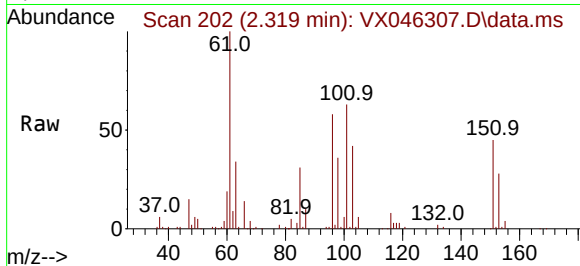
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.198 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion:101 Resp: 4809
Ion Ratio Lower Upper
101 100
85 49.5 38.6 58.0
151 70.8 55.2 82.8

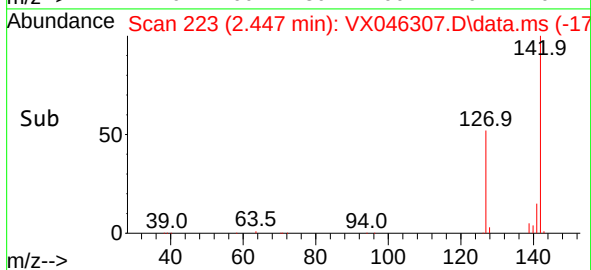
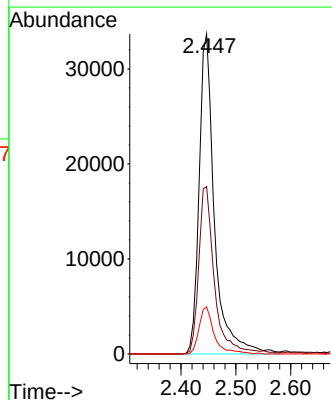
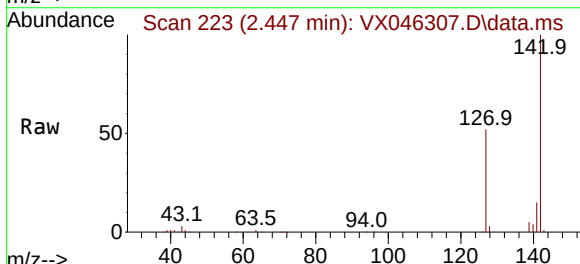
Manual Integrations
APPROVED

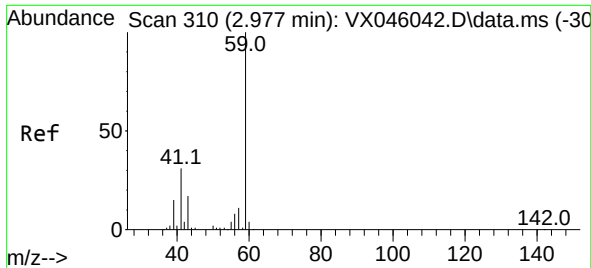
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#10
Methyl Iodide
Concen: 55.584 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

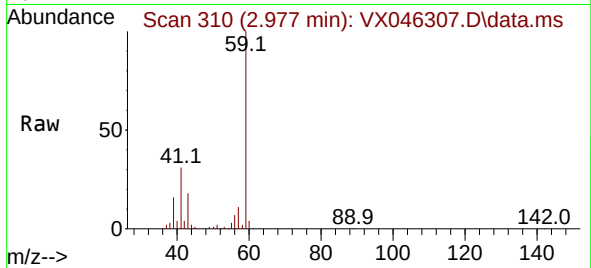
Tgt Ion:142 Resp: 65628
Ion Ratio Lower Upper
142 100
127 53.6 41.7 62.5
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 308.035 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

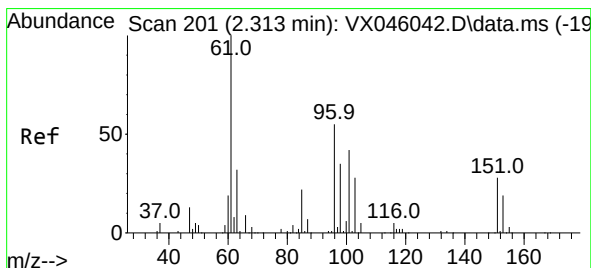
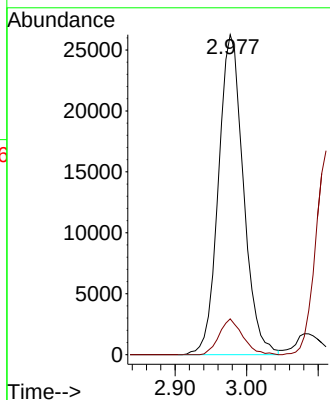
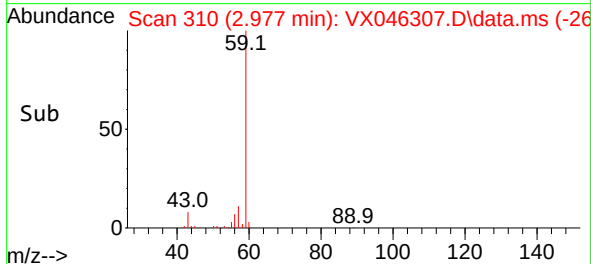
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



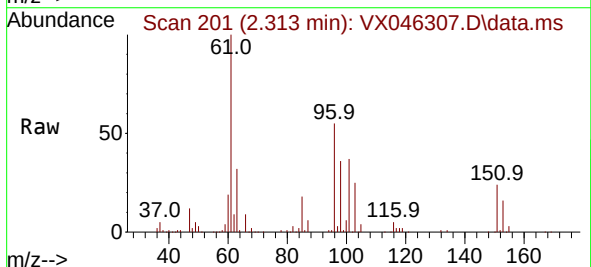
Tgt Ion: 59 Resp: 6366
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

Manual Integrations
APPROVED

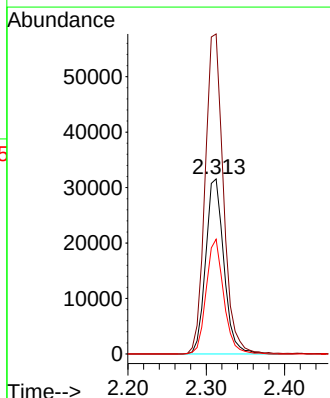
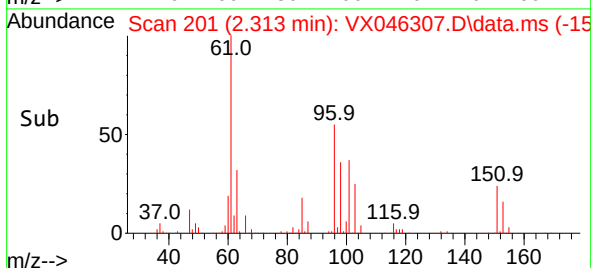
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

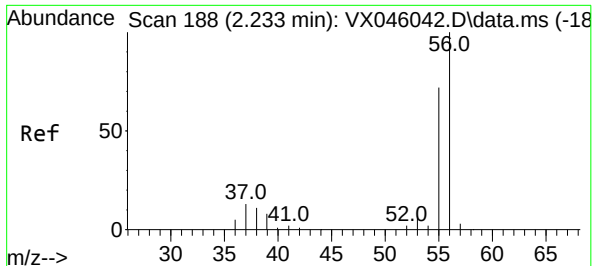


#12
1,1-Dichloroethene
Concen: 54.345 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58



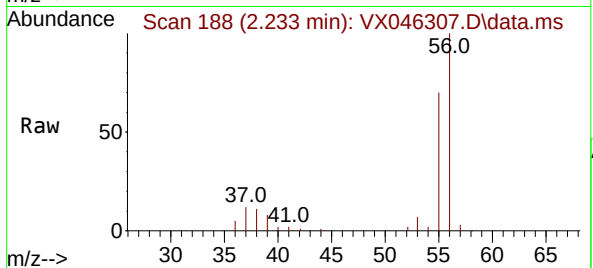
Tgt Ion: 96 Resp: 50893
Ion Ratio Lower Upper
96 100
61 182.8 146.2 219.2
98 65.6 51.0 76.6





#13
Acrolein
Concen: 329.263 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

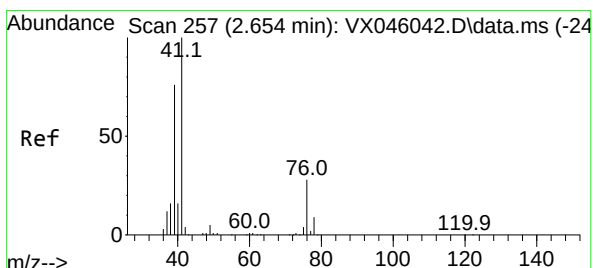
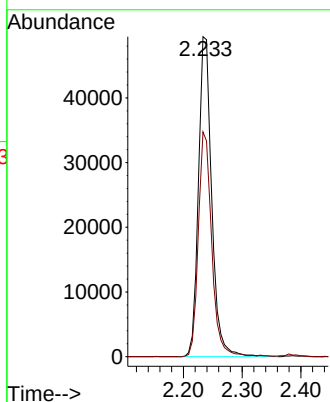
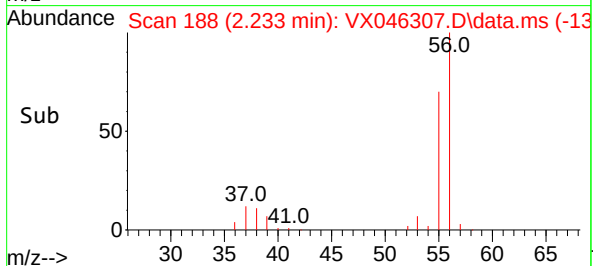
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 56 Resp: 7750
Ion Ratio Lower Upper
56 100
55 70.6 56.2 84.4

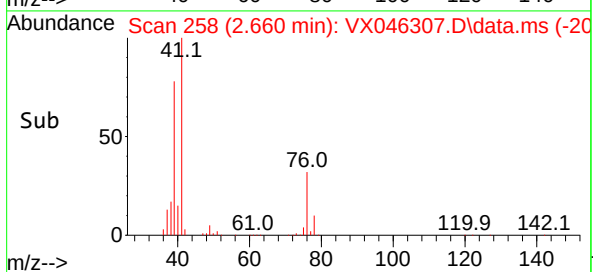
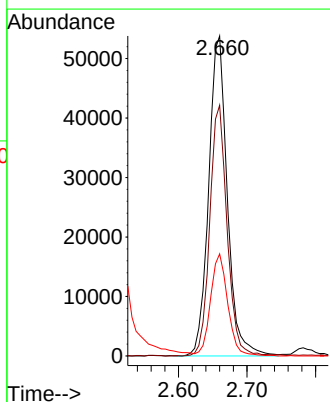
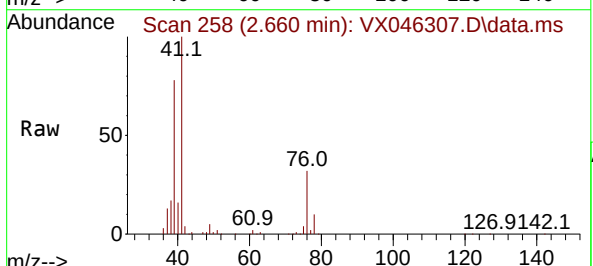
Manual Integrations
APPROVED

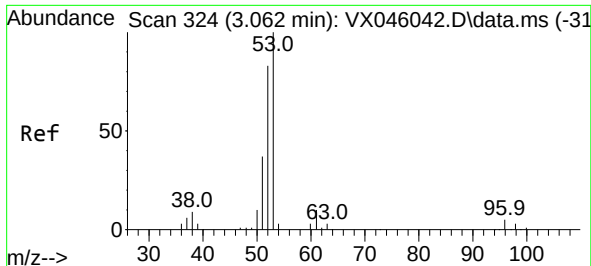
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#14
Allyl chloride
Concen: 56.908 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

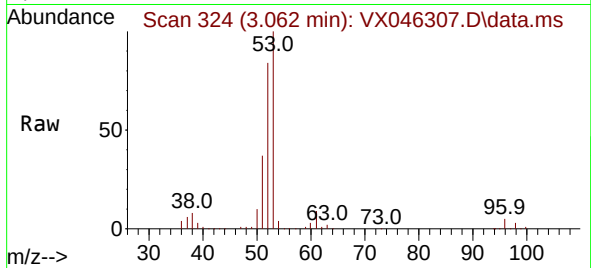
Tgt Ion: 41 Resp: 101853
Ion Ratio Lower Upper
41 100
39 72.8 60.6 90.8
76 29.4 24.9 37.3





#15
Acrylonitrile
Concen: 300.281 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

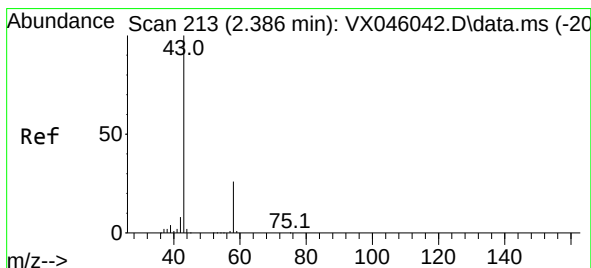
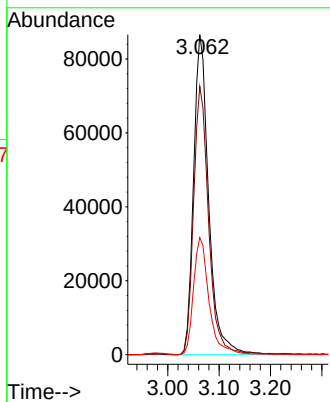
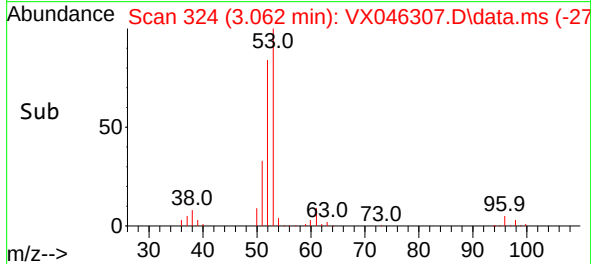
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 53 Resp: 177461
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 37.7 29.8 44.8

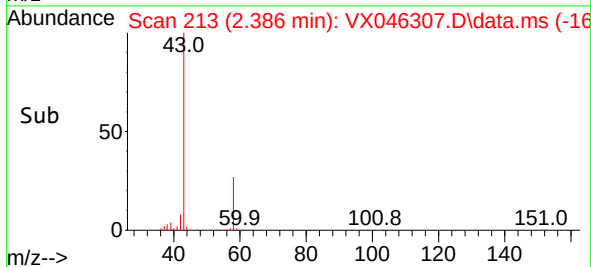
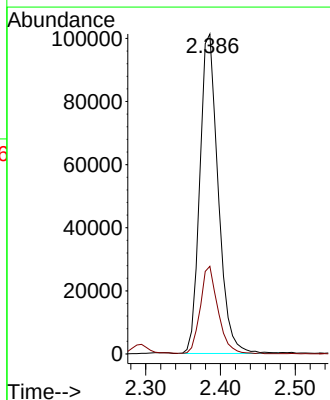
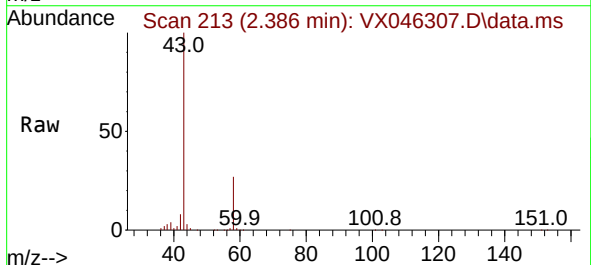
Manual Integrations
APPROVED

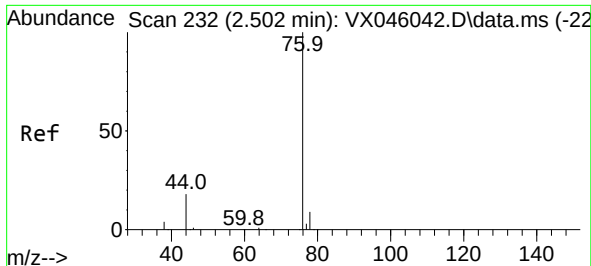
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#16
Acetone
Concen: 292.804 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion: 43 Resp: 172861
Ion Ratio Lower Upper
43 100
58 27.3 21.2 31.8





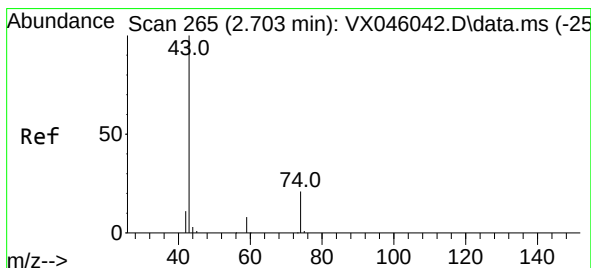
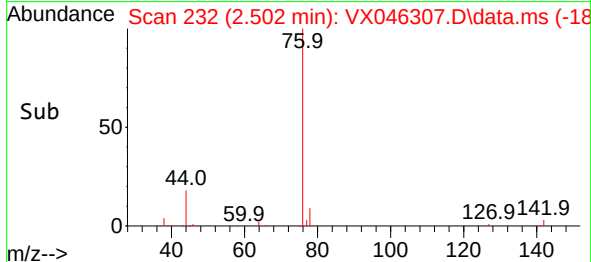
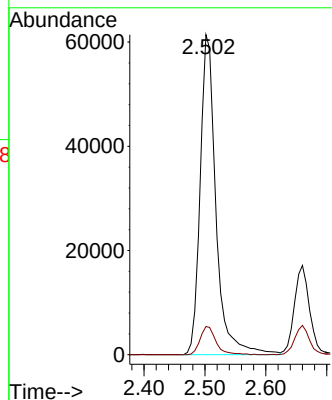
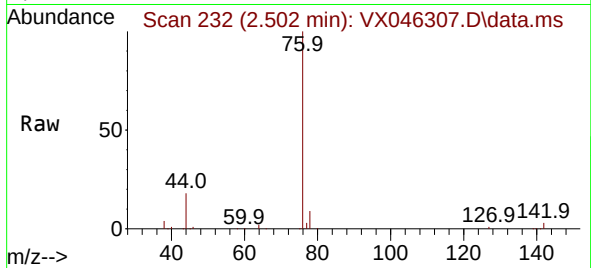
#17
Carbon Disulfide
Concen: 49.834 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion: 76 Resp: 11064
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

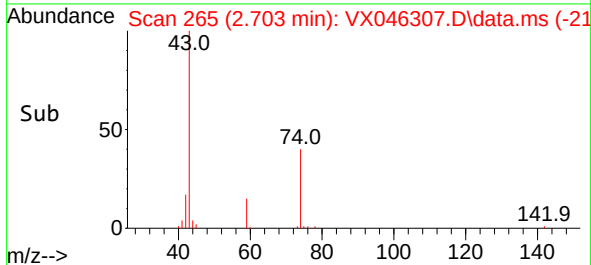
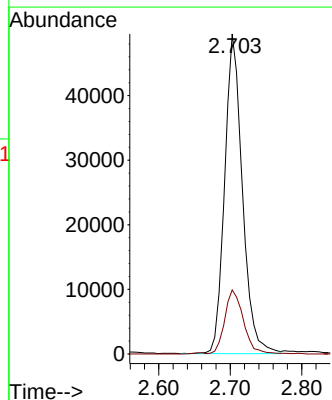
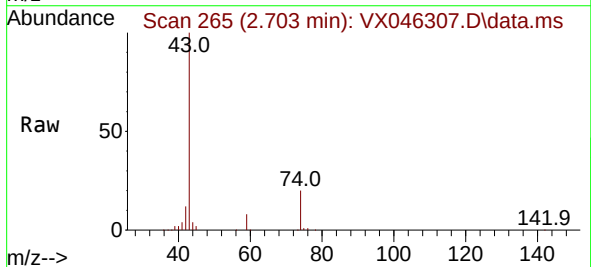
Manual Integrations
APPROVED

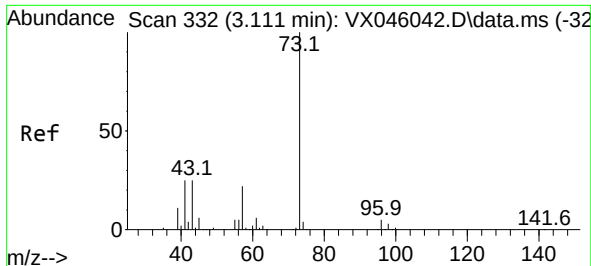
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#18
Methyl Acetate
Concen: 62.252 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion: 43 Resp: 85283
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1





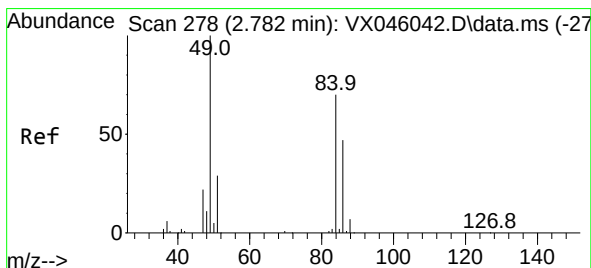
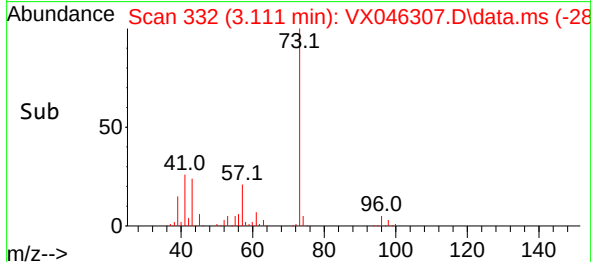
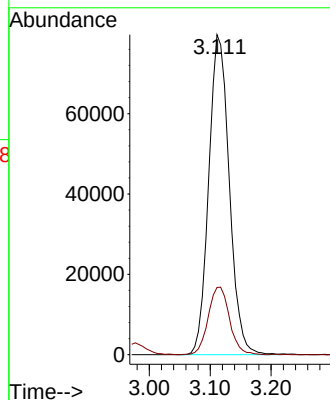
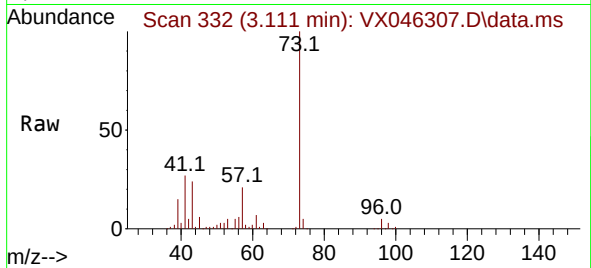
#19
Methyl tert-butyl Ether
Concen: 56.889 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion: 73 Resp: 18678
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

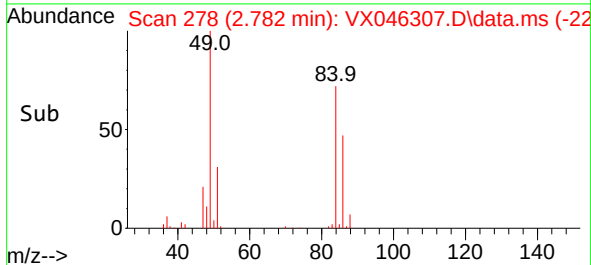
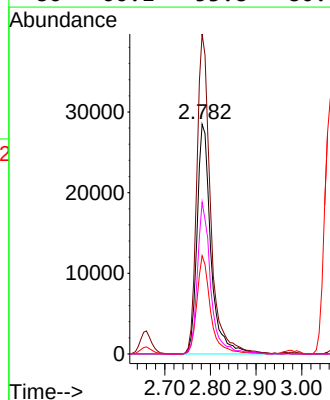
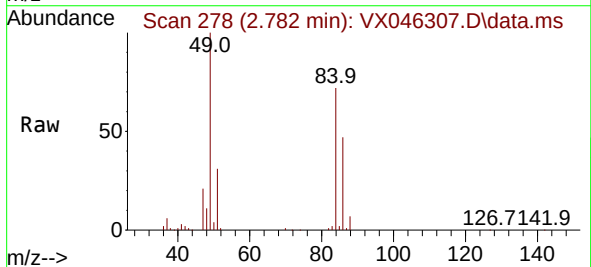
Manual Integrations
APPROVED

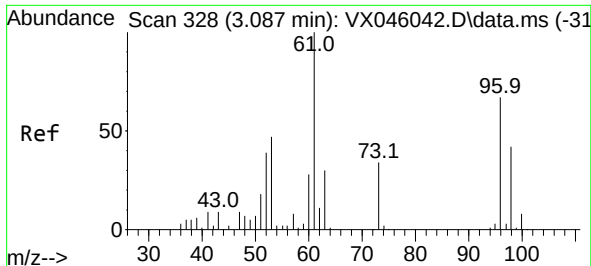
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#20
Methylene Chloride
Concen: 53.021 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

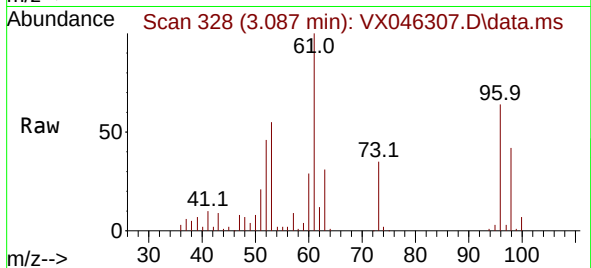
Tgt Ion: 84 Resp: 59984
Ion Ratio Lower Upper
84 100
49 139.3 113.9 170.9
51 42.7 33.5 50.3
86 66.1 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 54.387 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

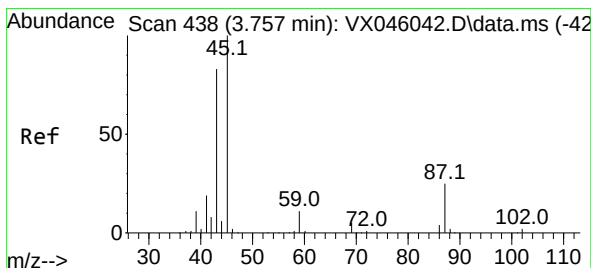
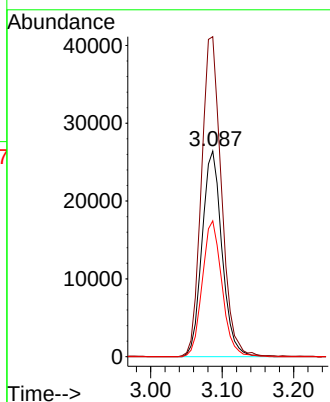
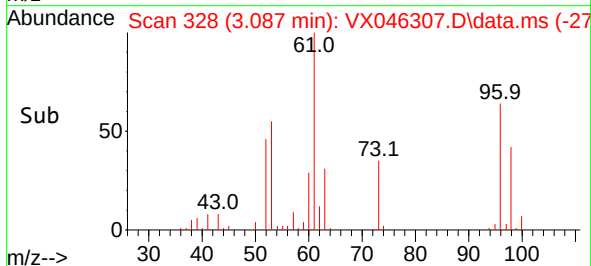
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 96 Resp: 51220
Ion Ratio Lower Upper
96 100
61 155.7 119.5 179.3
98 66.1 50.0 75.0

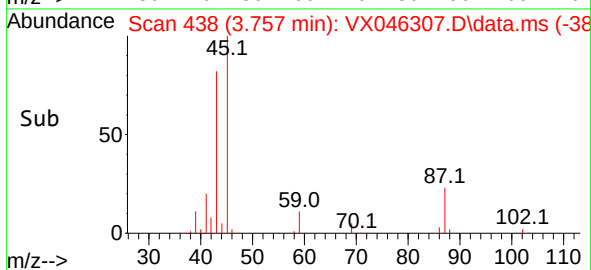
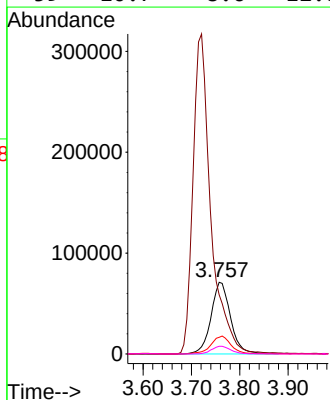
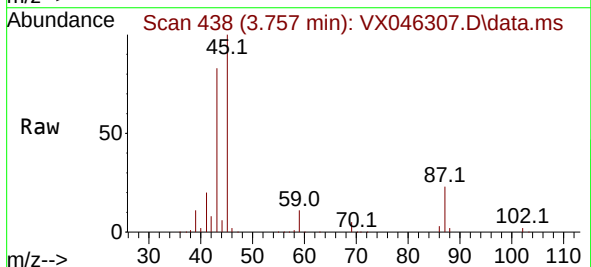
Manual Integrations
APPROVED

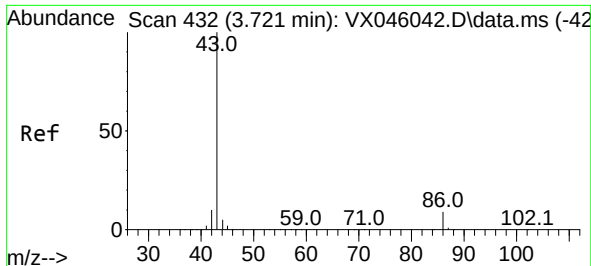
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#22
Diisopropyl ether
Concen: 57.724 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

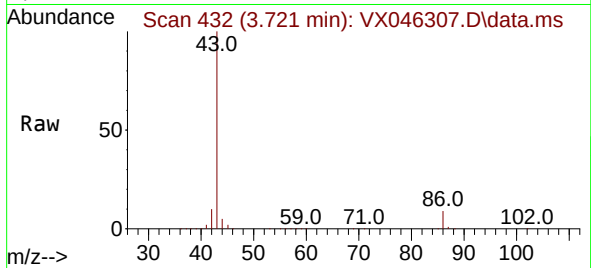
Tgt Ion: 45 Resp: 199564
Ion Ratio Lower Upper
45 100
43 82.4 66.6 100.0
87 23.3 19.8 29.6
59 10.7 8.6 12.8





#23
 Vinyl Acetate
 Concen: 266.882 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX046307.D
 Acq: 21 May 2025 18:58

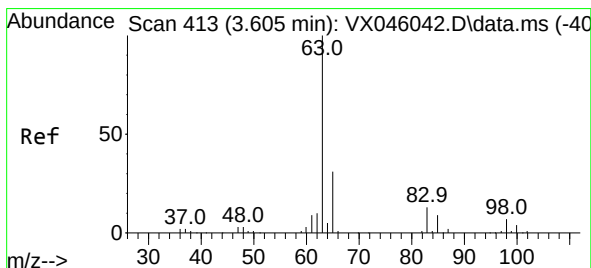
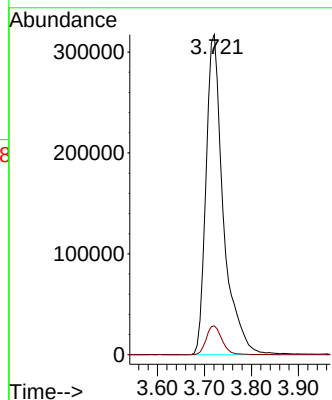
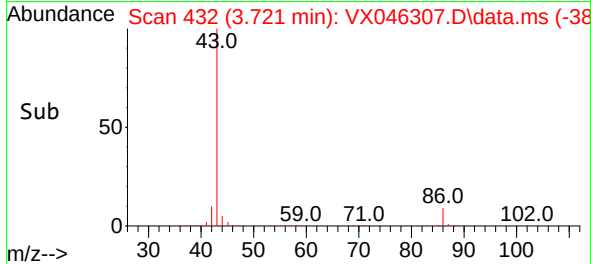
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-400-402MS



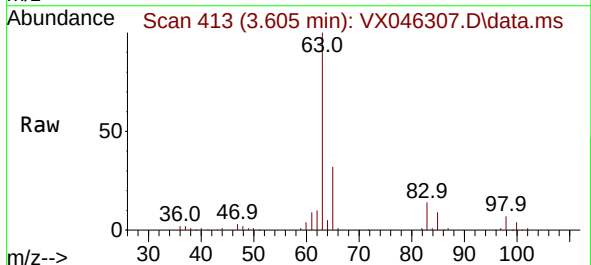
Tgt Ion: 43 Resp: 811524
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.5 11.3

Manual Integrations
 APPROVED

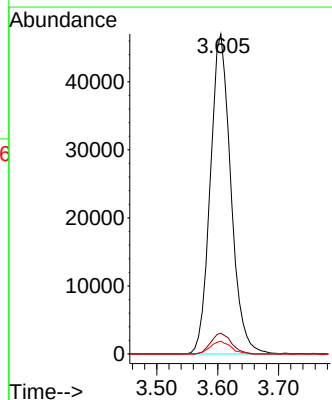
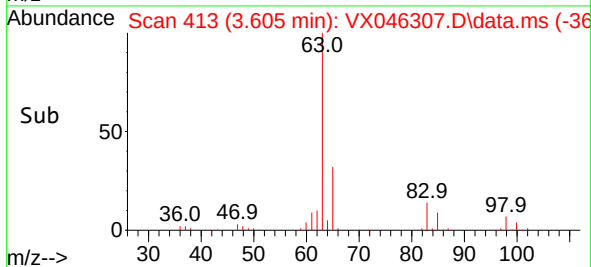
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

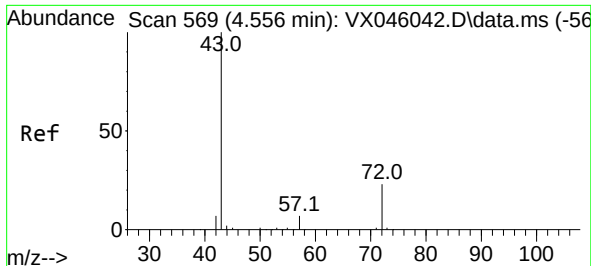


#24
 1,1-Dichloroethane
 Concen: 57.143 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046307.D
 Acq: 21 May 2025 18:58



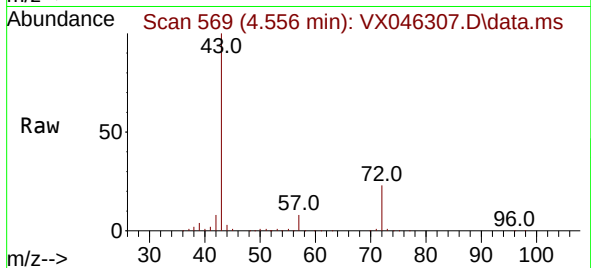
Tgt Ion: 63 Resp: 110034
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.0 2.1 6.3





#25
2-Butanone
Concen: 302.686 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

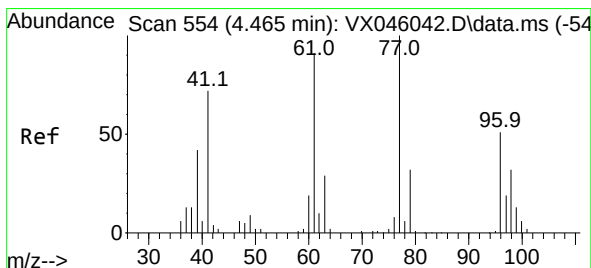
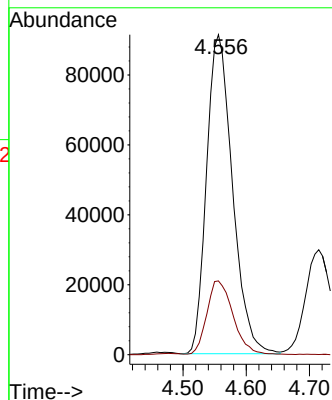
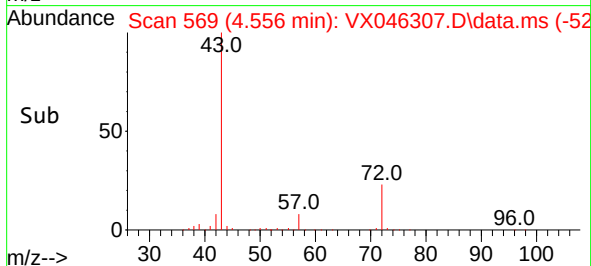
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 43 Resp: 25942
Ion Ratio Lower Upper
43 100
72 22.9 18.4 27.6

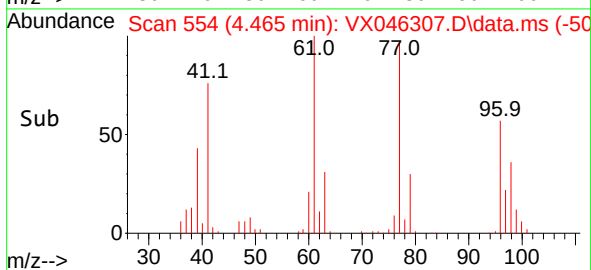
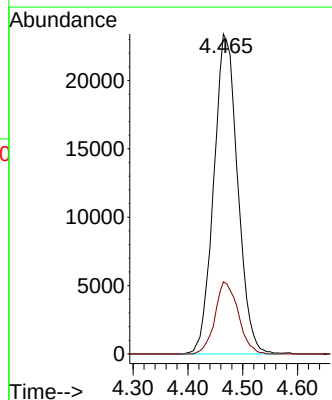
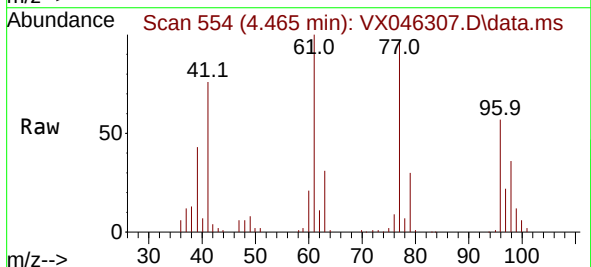
Manual Integrations
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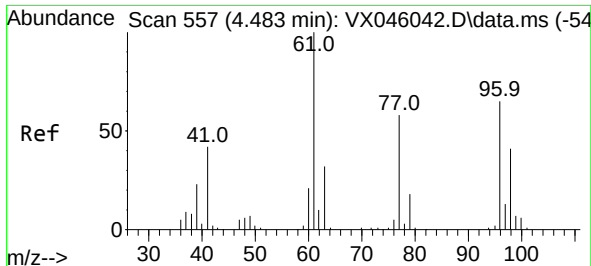
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#26
2,2-Dichloropropane
Concen: 47.051 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion: 77 Resp: 70914
Ion Ratio Lower Upper
77 100
97 21.9 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 55.189 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX046307.D

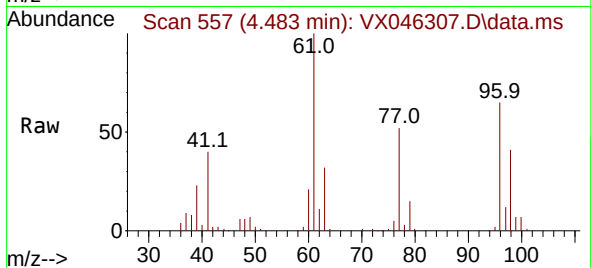
Acq: 21 May 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MS



Tgt Ion: 96 Resp: 62570

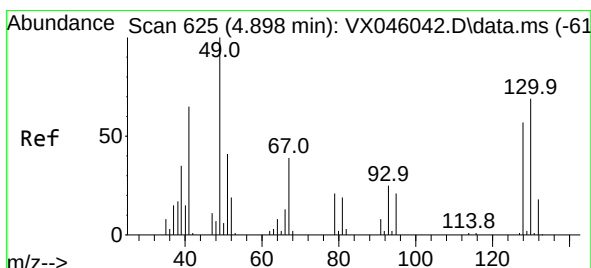
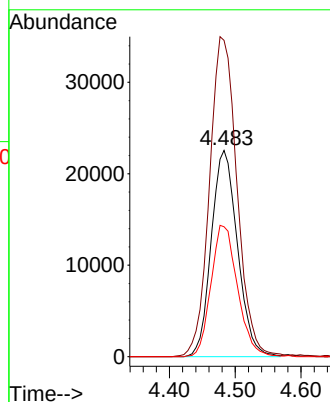
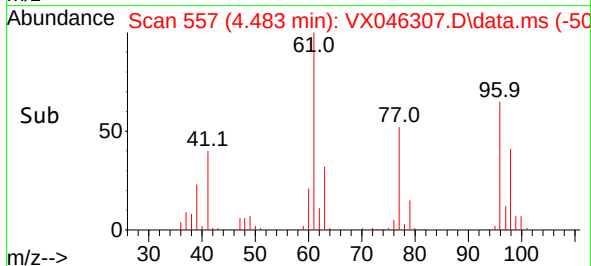
Ion	Ratio	Lower	Upper
96	100		
61	162.9	0.0	322.8
98	64.5	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#28

Bromochloromethane

Concen: 52.324 ug/l

RT: 4.891 min Scan# 624

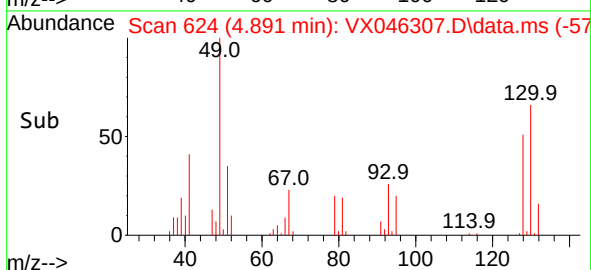
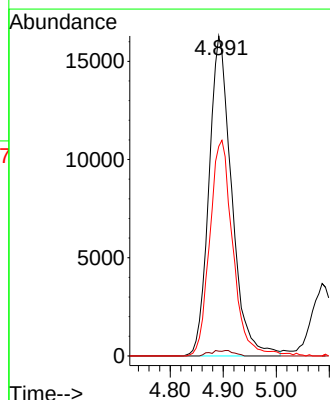
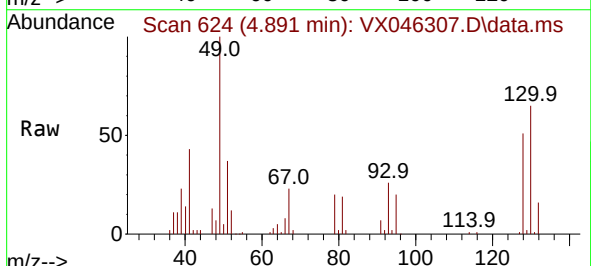
Delta R.T. -0.006 min

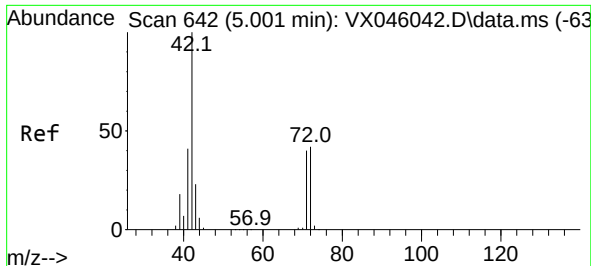
Lab File: VX046307.D

Acq: 21 May 2025 18:58

Tgt Ion: 49 Resp: 48498

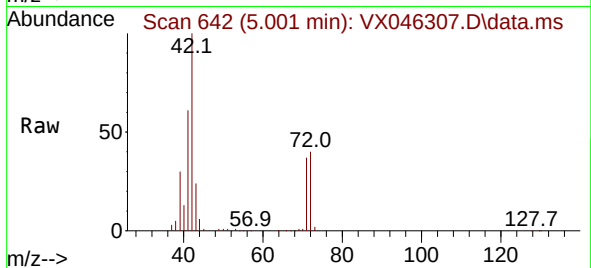
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	68.6	56.2	84.2





#29
Tetrahydrofuran
Concen: 301.432 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

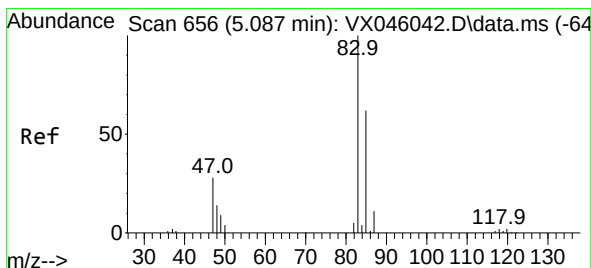
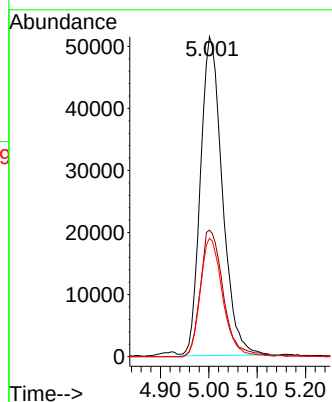
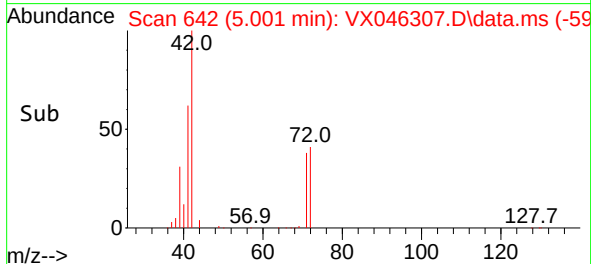
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 42 Resp: 161890
Ion Ratio Lower Upper
42 100
72 41.6 33.7 50.5
71 37.8 31.4 47.2

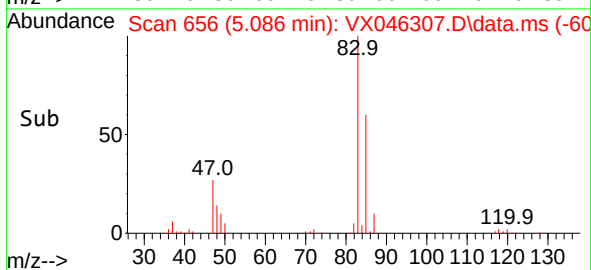
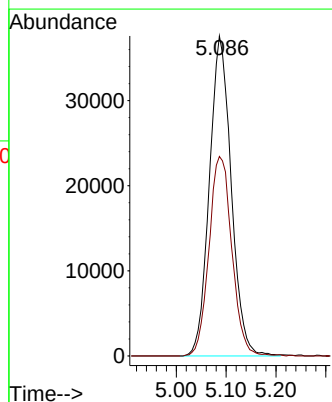
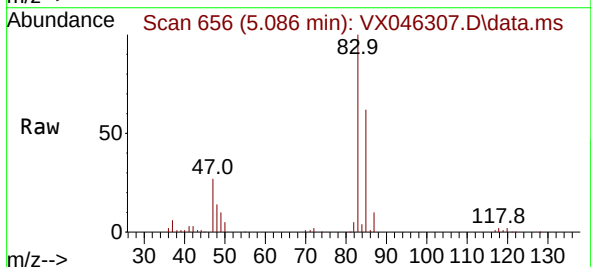
Manual Integrations
APPROVED

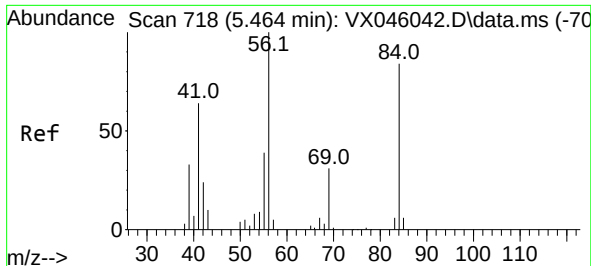
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#30
Chloroform
Concen: 56.916 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

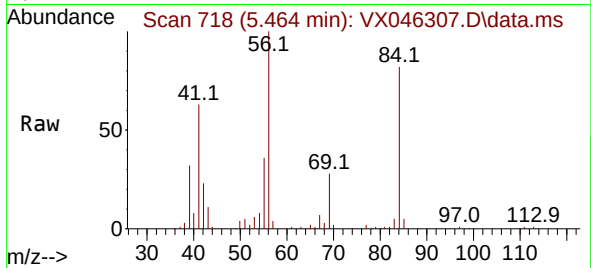
Tgt Ion: 83 Resp: 114234
Ion Ratio Lower Upper
83 100
85 62.4 49.3 73.9





#31
Cyclohexane
Concen: 51.745 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

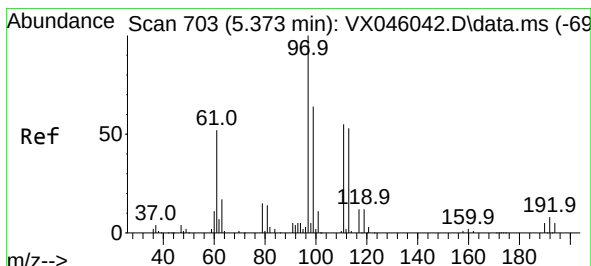
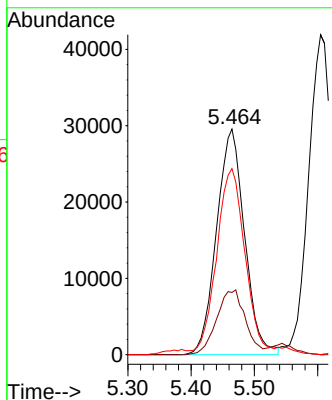
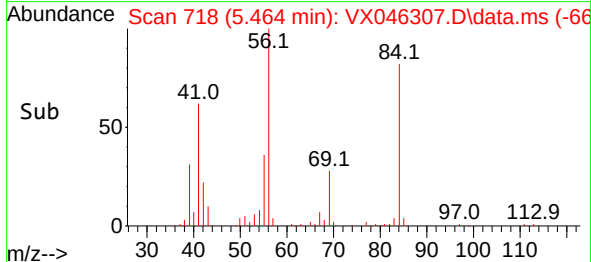
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 56 Resp: 90799
Ion Ratio Lower Upper
56 100
69 27.6 24.4 36.6
84 80.8 66.9 100.3

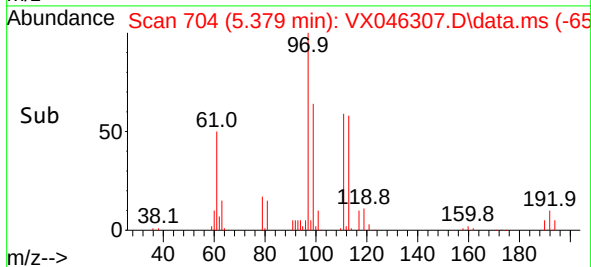
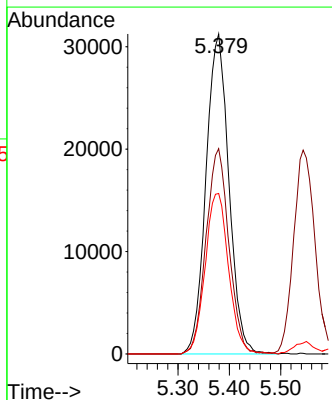
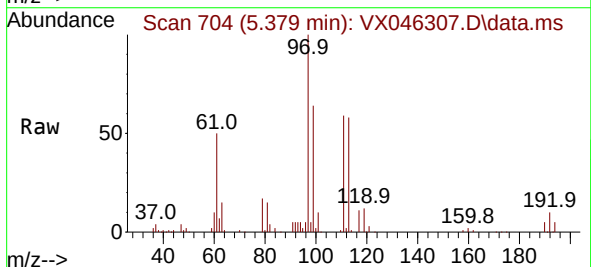
Manual Integrations
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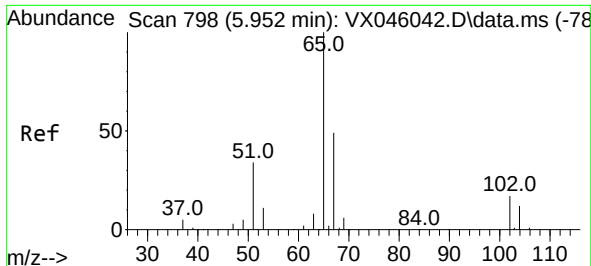
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#32
1,1,1-Trichloroethane
Concen: 55.528 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion: 97 Resp: 96610
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 51.6 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 53.217 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MS

Tgt Ion: 65 Resp: 7835

Ion Ratio Lower Upper

65 100

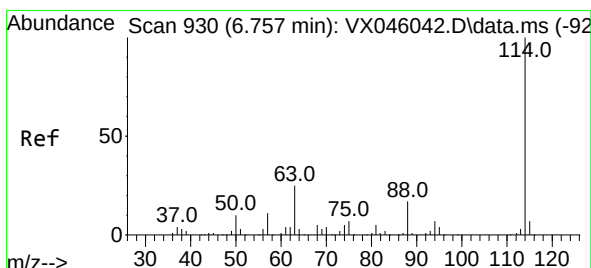
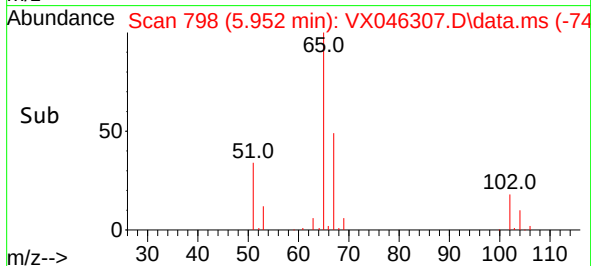
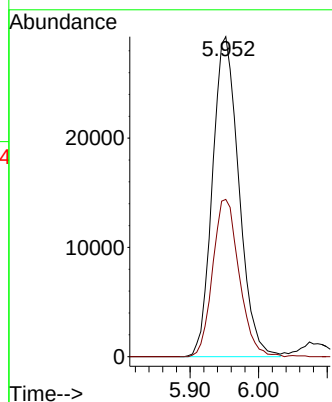
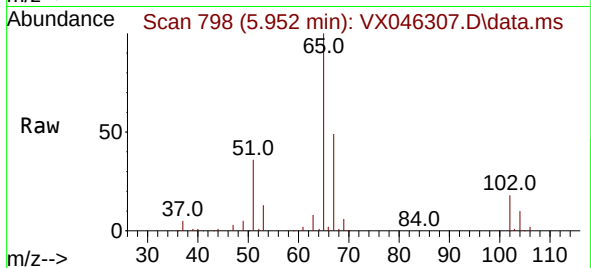
67 49.3 0.0 99.0

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: VX046307.D

Acq: 21 May 2025 18:58

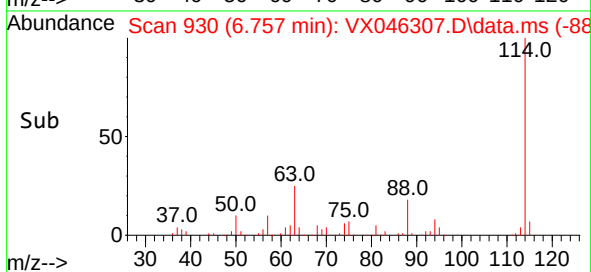
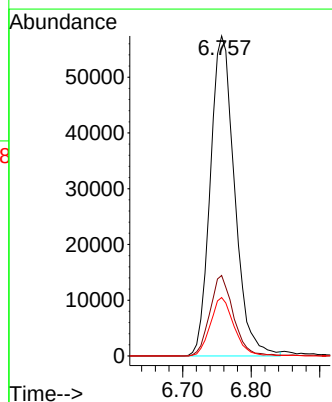
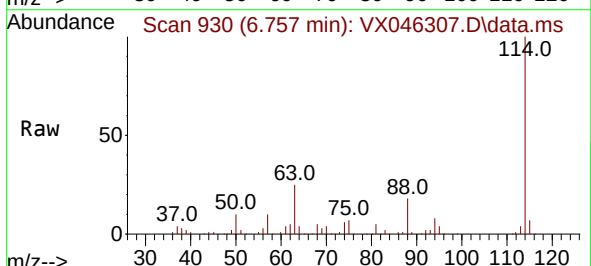
Tgt Ion:114 Resp: 141460

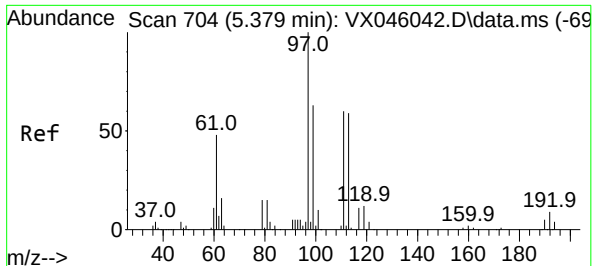
Ion Ratio Lower Upper

114 100

63 25.2 0.0 49.2

88 18.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.569 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046307.D

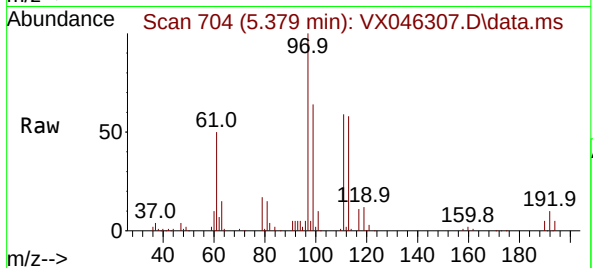
Acq: 21 May 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MS



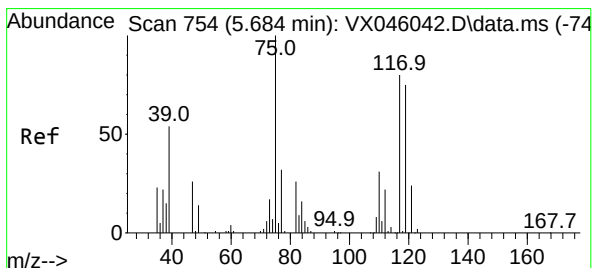
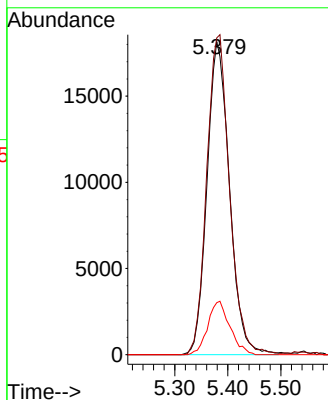
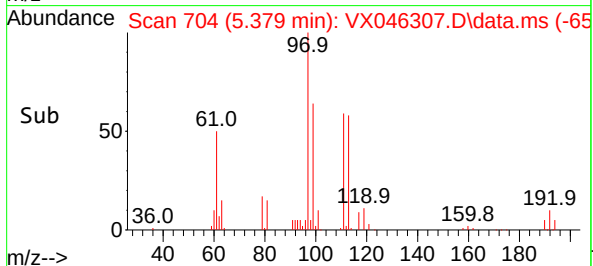
Tgt Ion:	113	Resp:	53550
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	16.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#36

1,1-Dichloropropene

Concen: 52.871 ug/l

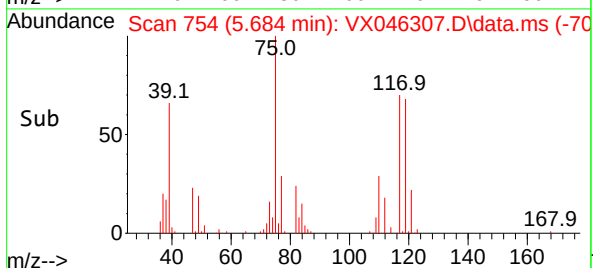
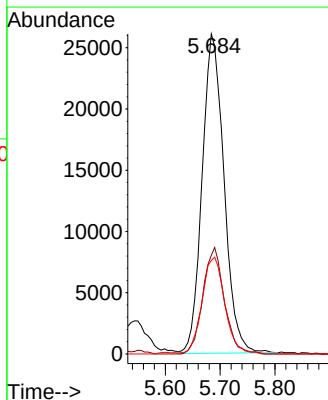
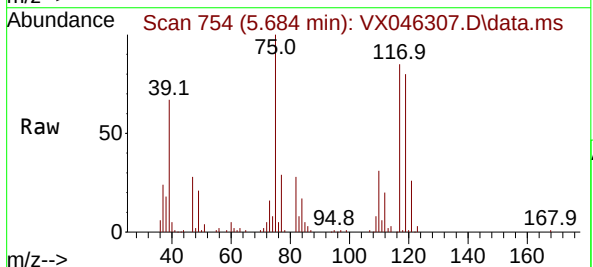
RT: 5.684 min Scan# 754

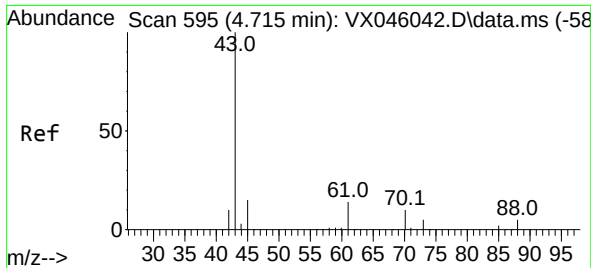
Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

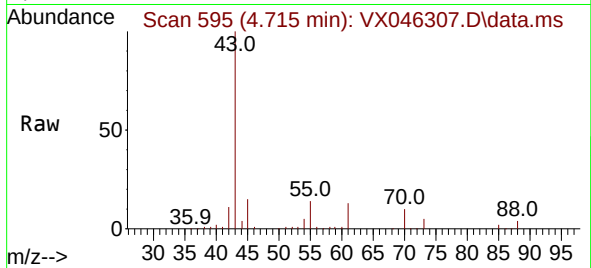
Tgt Ion:	75	Resp:	72363
Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.3	48.9
77	31.3	24.3	36.5





#37
Ethyl Acetate
Concen: 52.723 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

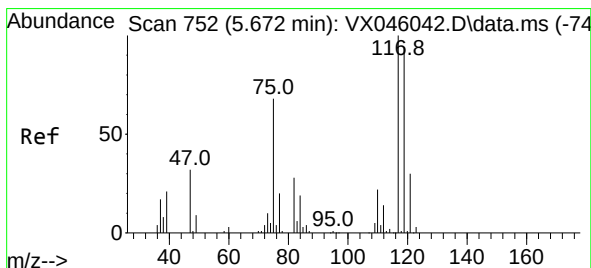
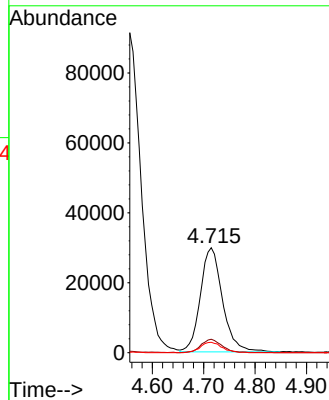
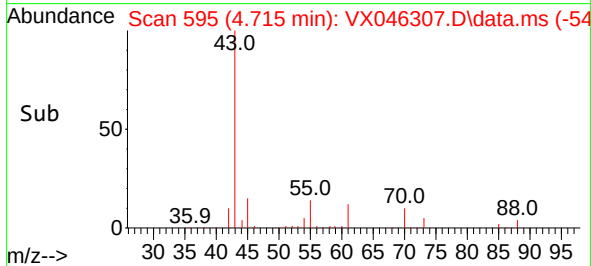
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 43 Resp: 89154
Ion Ratio Lower Upper
43 100
61 12.3 10.3 15.5
70 9.7 7.9 11.9

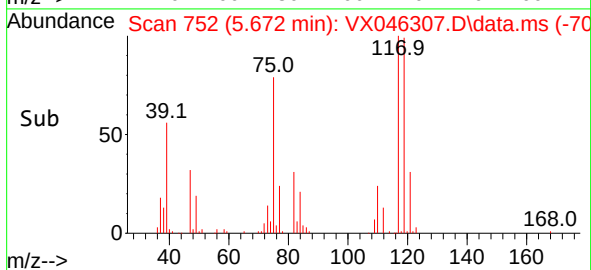
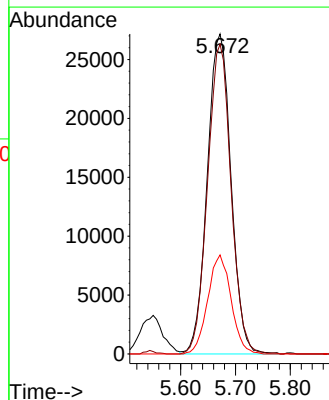
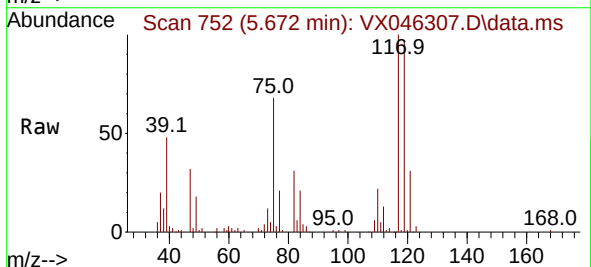
Manual Integrations
APPROVED

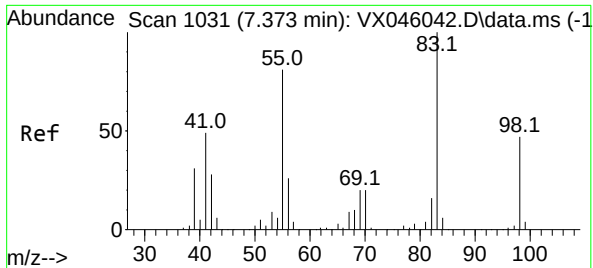
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#38
Carbon Tetrachloride
Concen: 53.313 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion:117 Resp: 81986
Ion Ratio Lower Upper
117 100
119 96.8 75.2 112.8
121 31.0 24.2 36.4





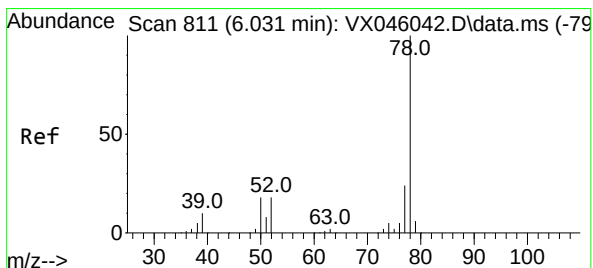
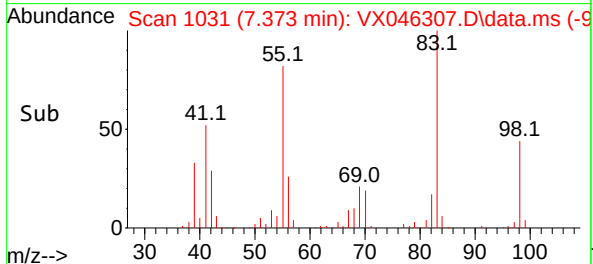
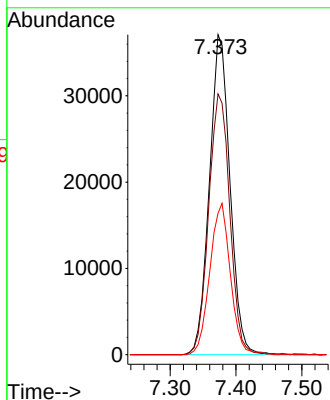
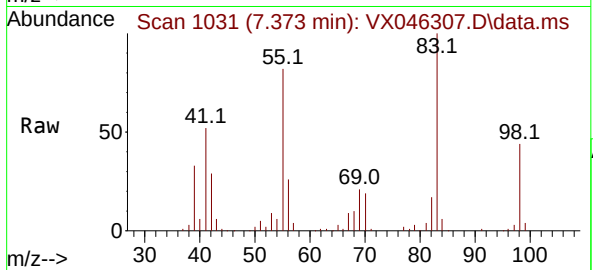
#39
Methylcyclohexane
Concen: 45.877 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion: 83 Resp: 80838
Ion Ratio Lower Upper
83 100
55 81.5 64.7 97.1
98 44.2 37.4 56.2

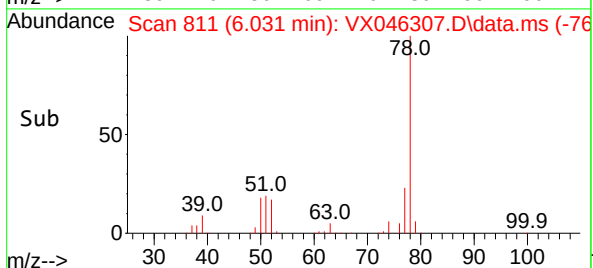
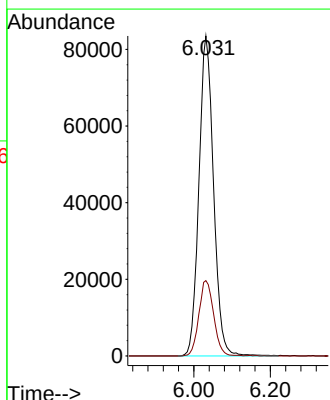
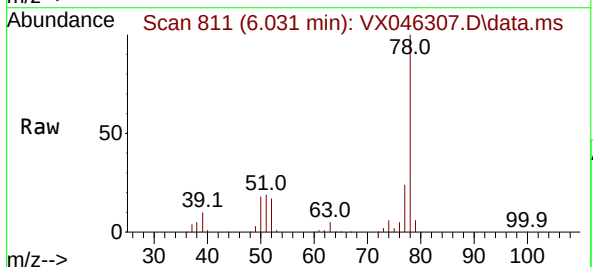
Manual Integrations
APPROVED

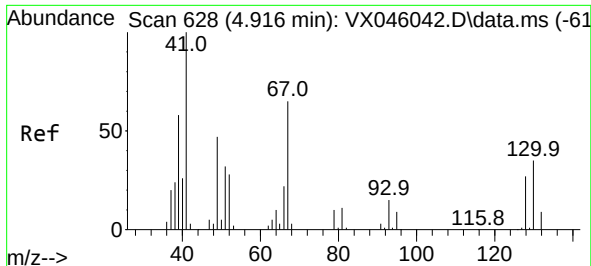
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#40
Benzene
Concen: 55.283 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

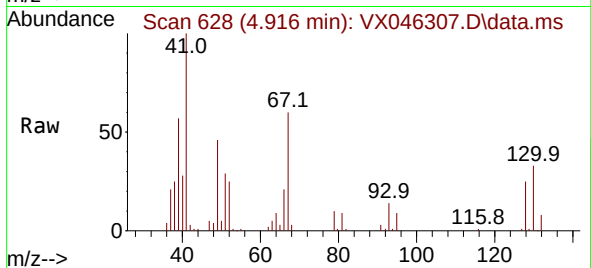
Tgt Ion: 78 Resp: 221627
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 62.723 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

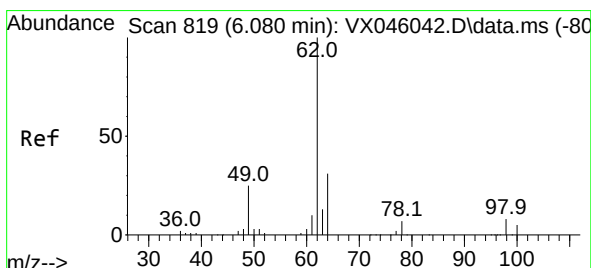
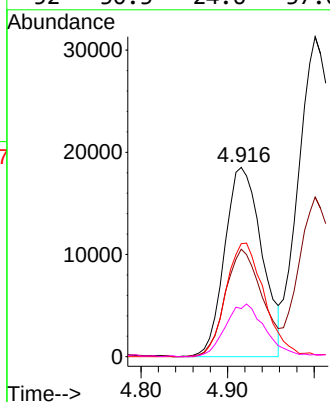
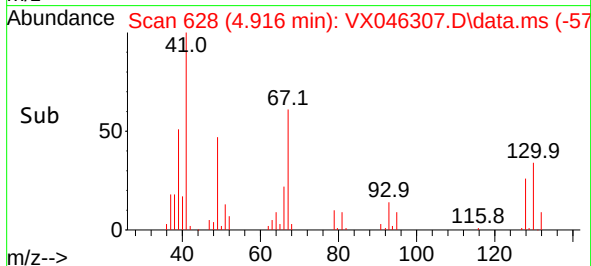
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 41 Resp: 55484
Ion Ratio Lower Upper
41 100
39 56.2 47.2 70.8
67 62.5 50.7 76.1
52 30.3 24.6 37.0

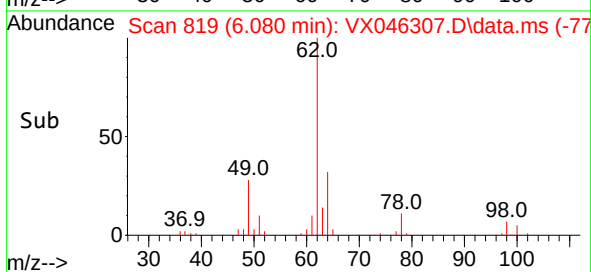
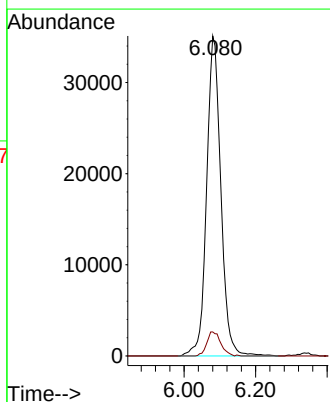
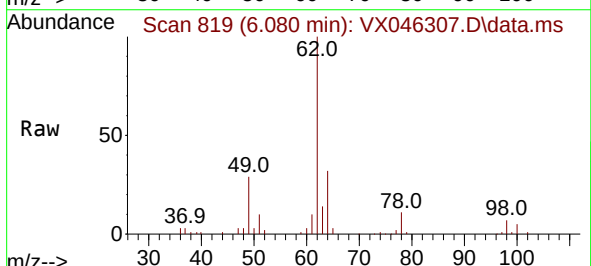
Manual Integrations
APPROVED

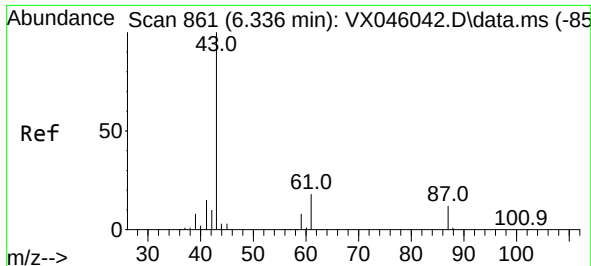
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#42
1,2-Dichloroethane
Concen: 55.949 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion: 62 Resp: 96805
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43

Isopropyl Acetate

Concen: 55.130 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX046307.D

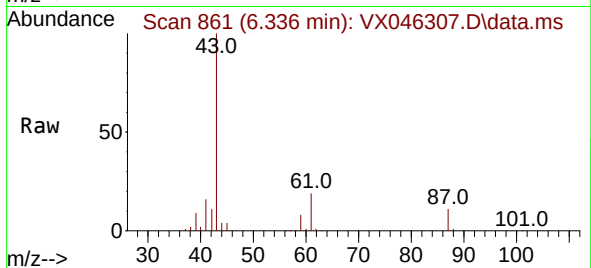
Acq: 21 May 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MS



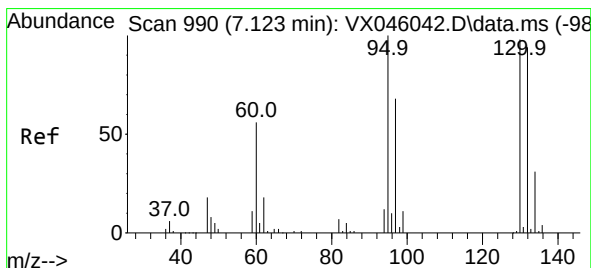
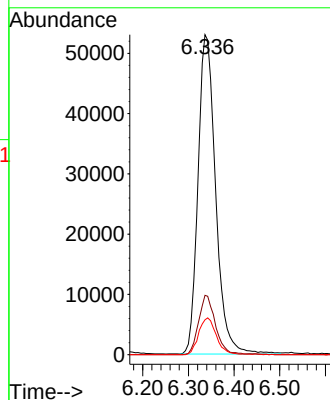
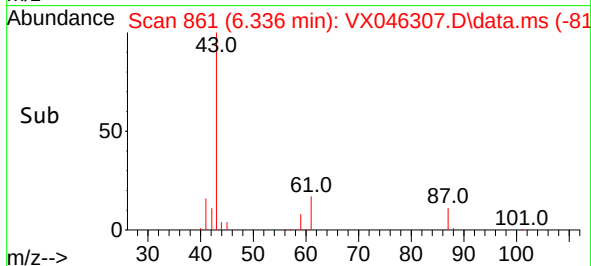
Tgt Ion:	43	Resp:	142220
Ion Ratio	Lower	Upper	
43	100		
61	17.7	14.3	21.5
87	11.5	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#44

Trichloroethene

Concen: 53.763 ug/l

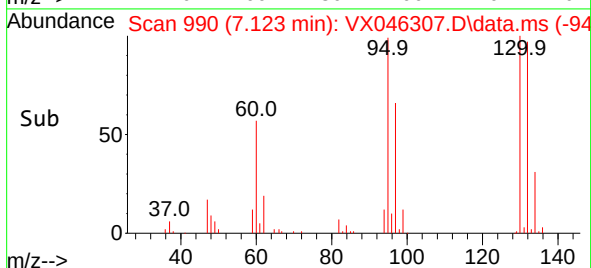
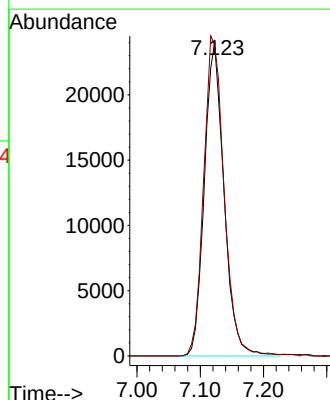
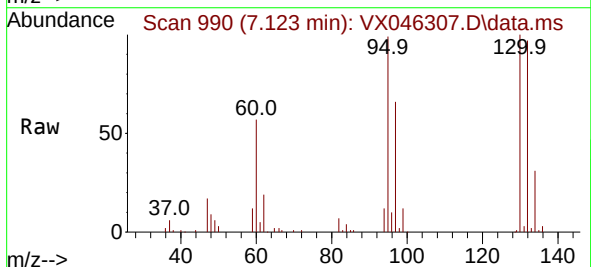
RT: 7.123 min Scan# 990

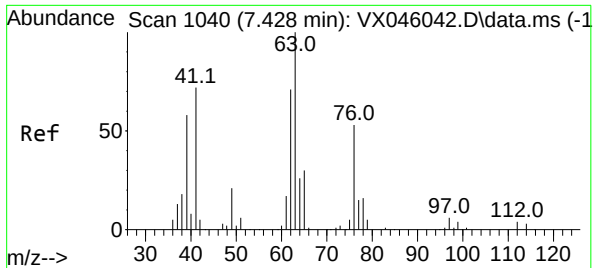
Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

Tgt Ion:	130	Resp:	51875
Ion Ratio	Lower	Upper	
130	100		
95	99.4	0.0	204.2





#45

1,2-Dichloropropane

Concen: 56.982 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MS

Tgt Ion: 63 Resp: 5680

Ion Ratio Lower Upper

63 100

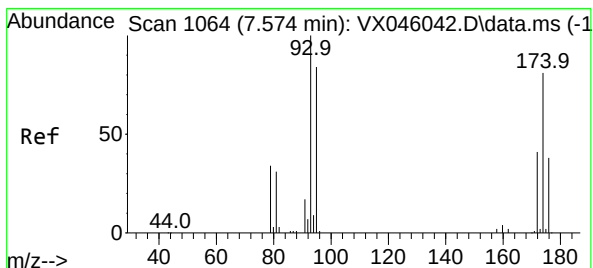
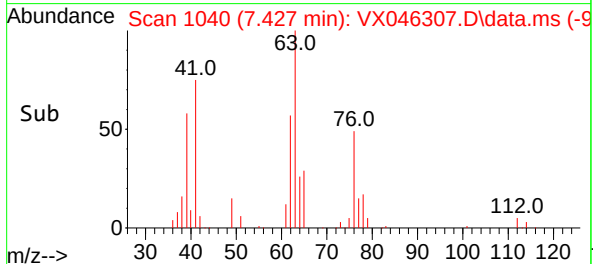
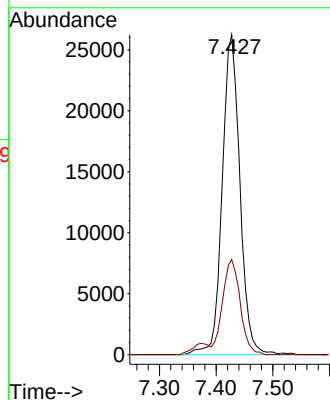
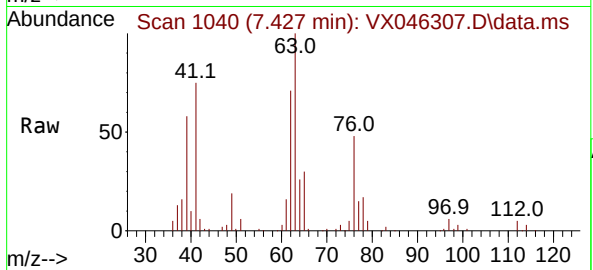
65 29.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#46

Dibromomethane

Concen: 54.871 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

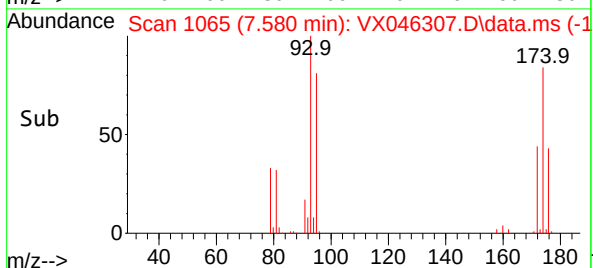
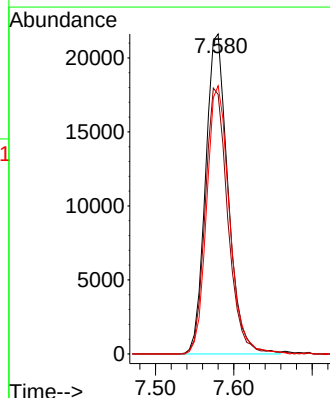
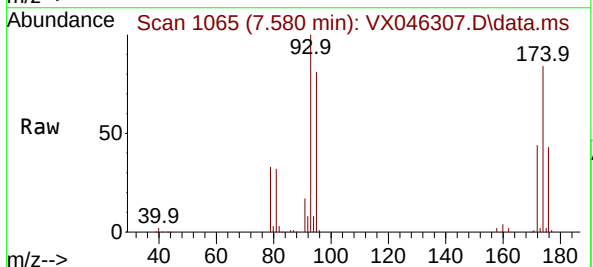
Tgt Ion: 93 Resp: 43141

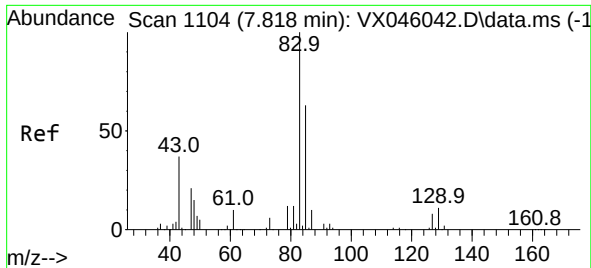
Ion Ratio Lower Upper

93 100

95 83.8 65.6 98.4

174 84.9 68.2 102.2





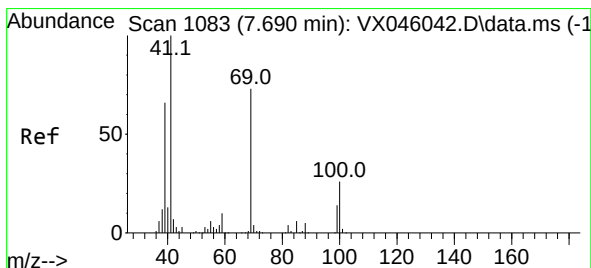
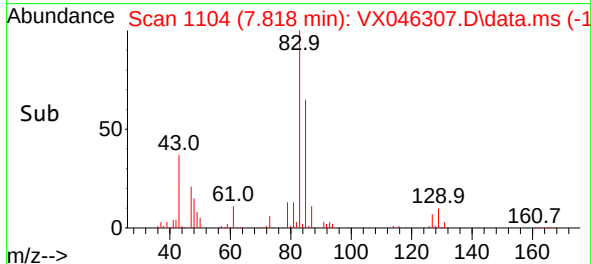
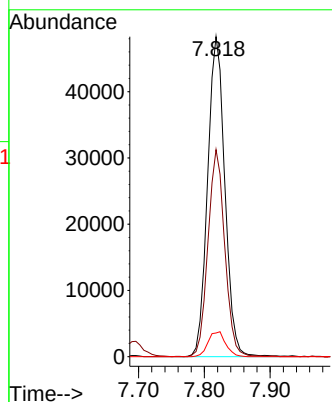
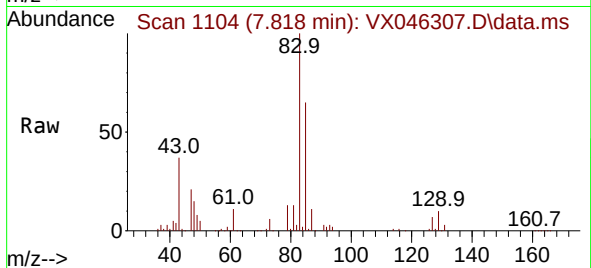
#47
Bromodichloromethane
Concen: 56.945 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion: 83 Resp: 8818
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7
127 7.4 6.5 9.7

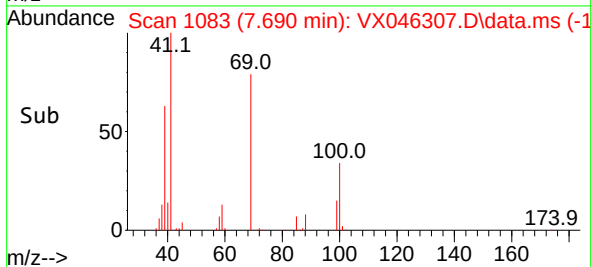
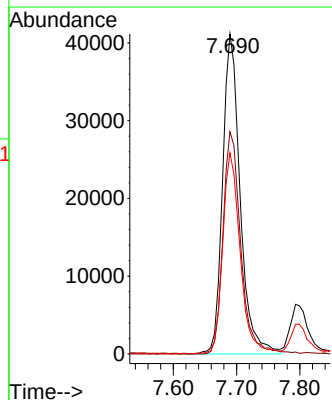
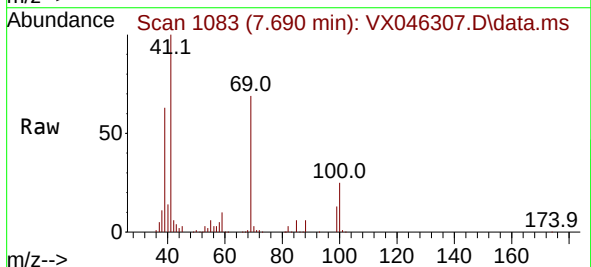
Manual Integrations
APPROVED

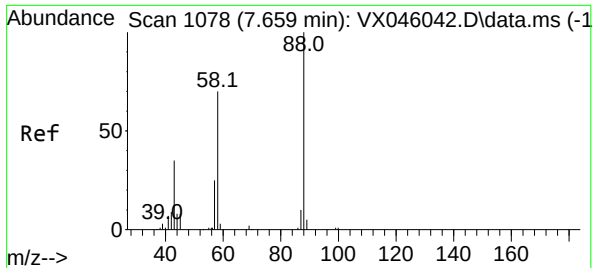
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#48
Methyl methacrylate
Concen: 59.977 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion: 41 Resp: 79019
Ion Ratio Lower Upper
41 100
69 70.1 58.5 87.7
39 62.9 51.7 77.5





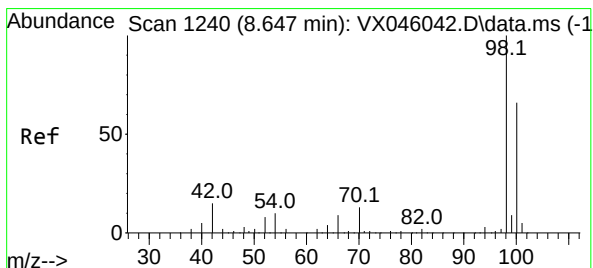
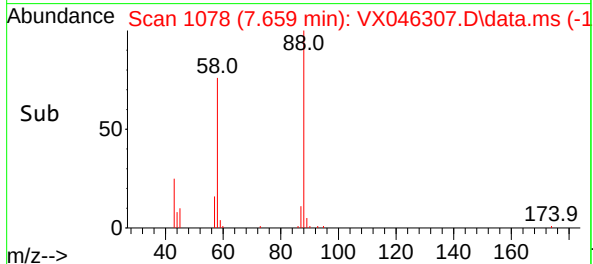
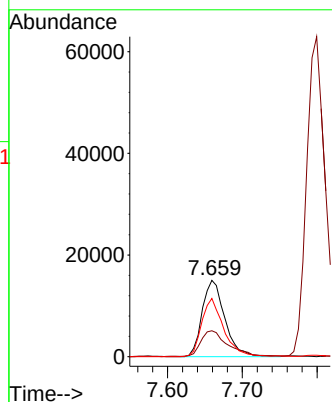
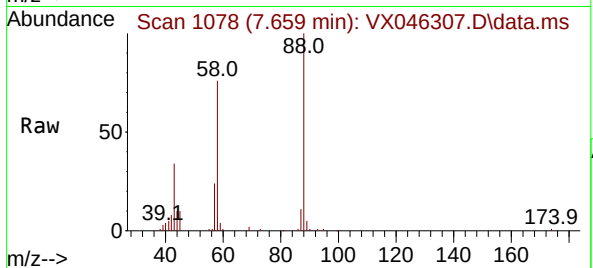
#49
1,4-Dioxane
Concen: 1263.501 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion: 88 Resp: 3160
Ion Ratio Lower Upper
88 100
43 41.6 33.4 50.2
58 73.9 58.6 88.0

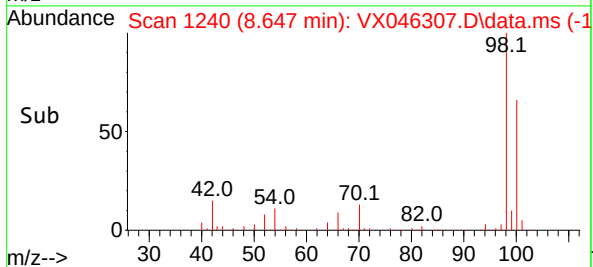
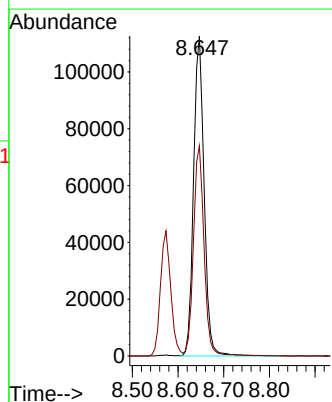
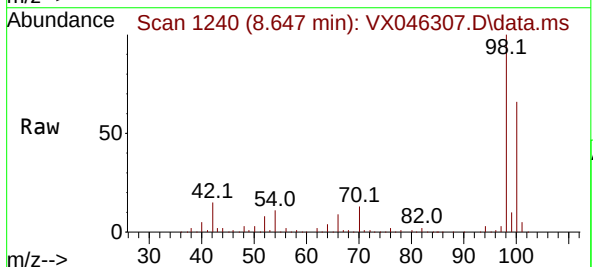
Manual Integrations
APPROVED

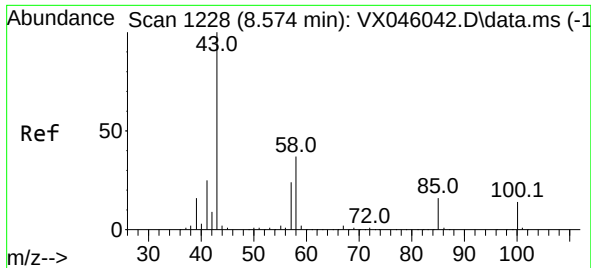
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#50
Toluene-d8
Concen: 51.277 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion: 98 Resp: 180789
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3





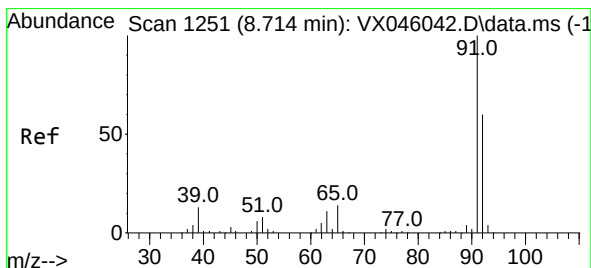
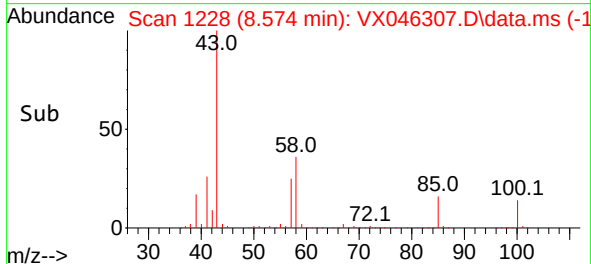
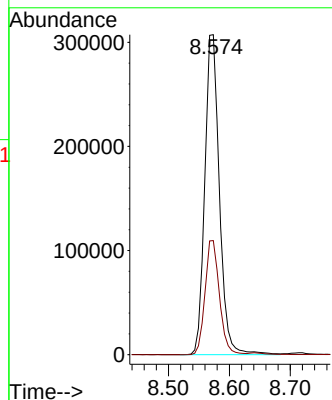
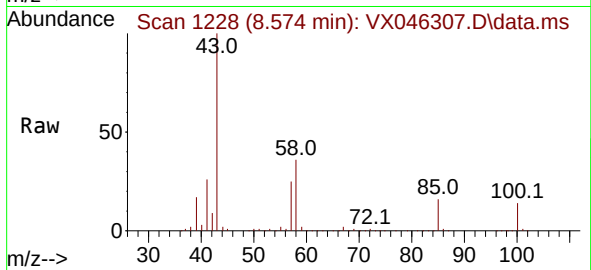
#51
4-Methyl-2-Pentanone
Concen: 300.280 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion: 43 Resp: 514194
Ion Ratio Lower Upper
43 100
58 35.2 28.9 43.3

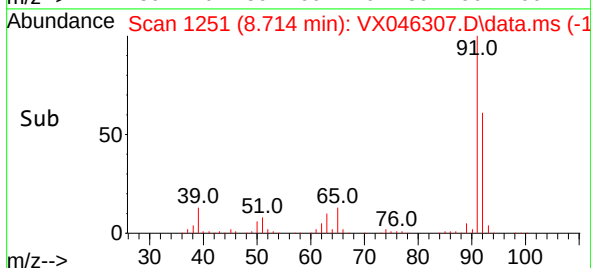
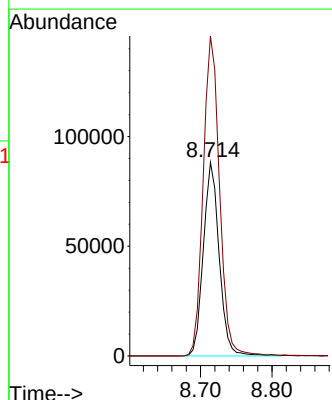
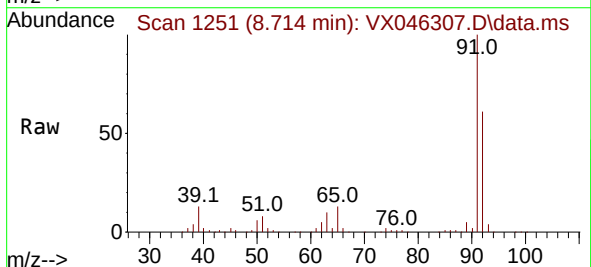
Manual Integrations
APPROVED

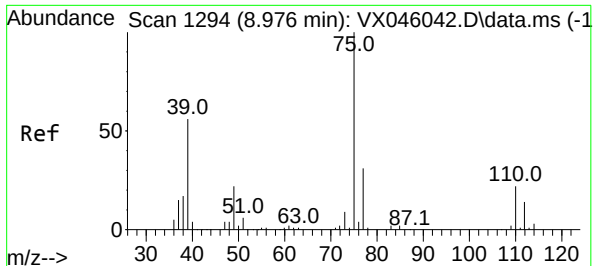
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#52
Toluene
Concen: 55.389 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion: 92 Resp: 136159
Ion Ratio Lower Upper
92 100
91 171.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 54.221 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MS

Tgt Ion: 75 Resp: 7463

Ion Ratio Lower Upper

75 100

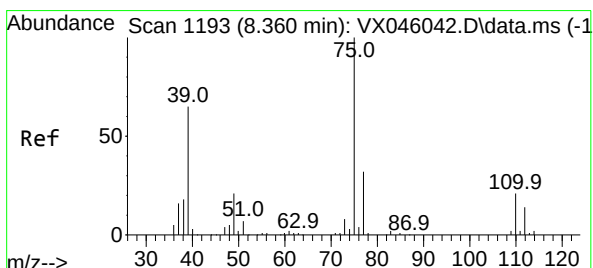
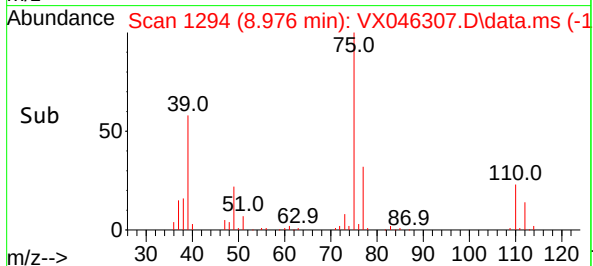
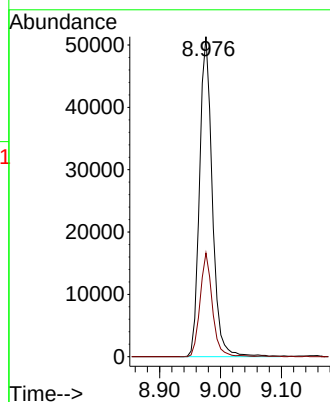
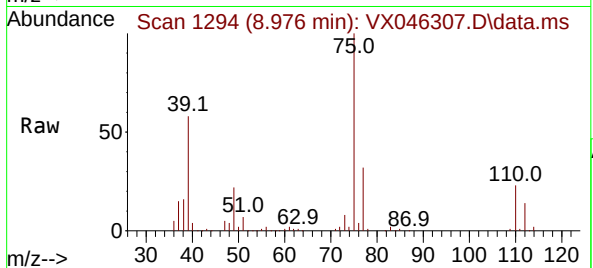
77 32.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#54

cis-1,3-Dichloropropene

Concen: 54.392 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

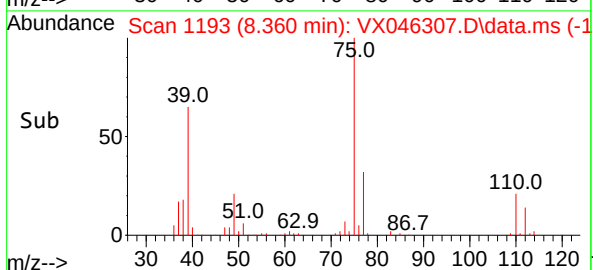
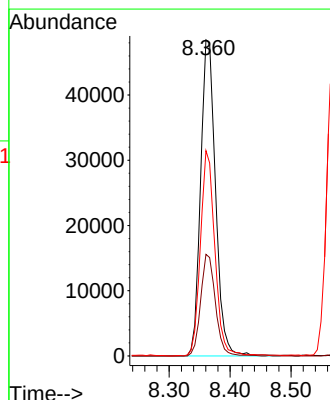
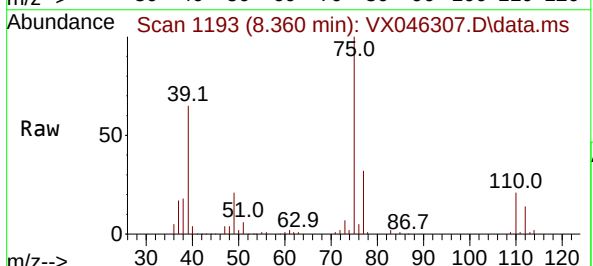
Tgt Ion: 75 Resp: 82745

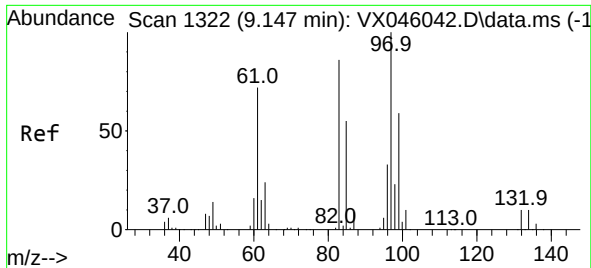
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

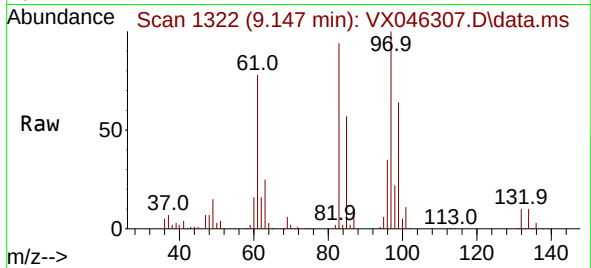
39 64.8 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 55.853 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

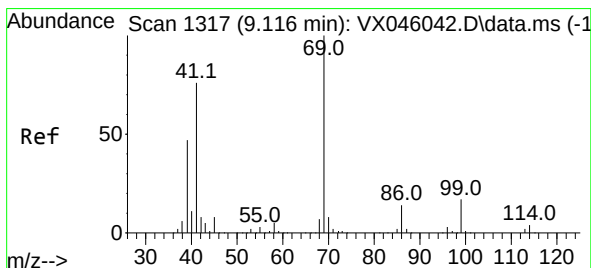
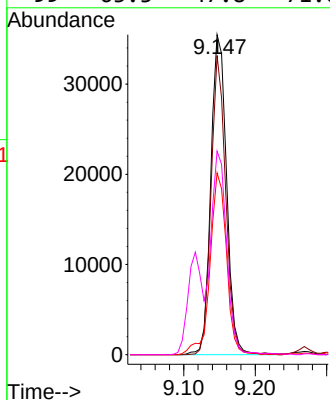
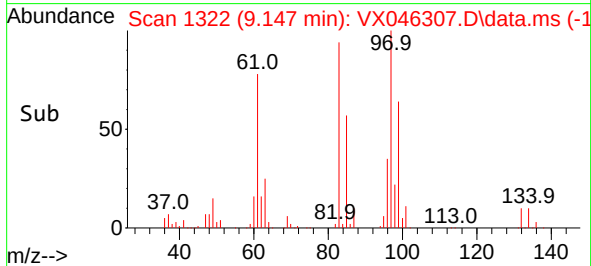
Instrument : MSVOA_X
ClientSampleId : BP-VPB-182-GW-400-402MS



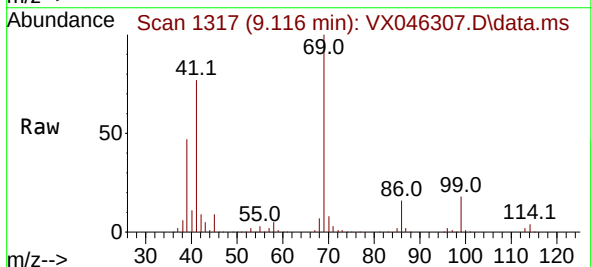
Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.5	69.0	103.6
85	56.8	44.3	66.5
99	63.3	47.8	71.6

Manual Integrations
APPROVED

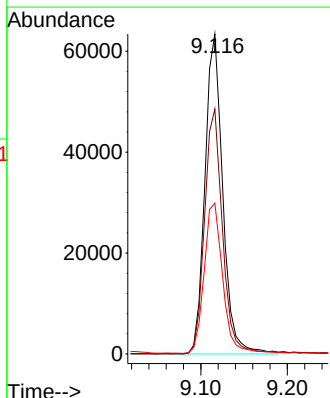
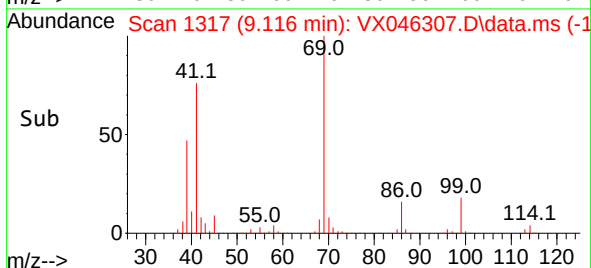
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

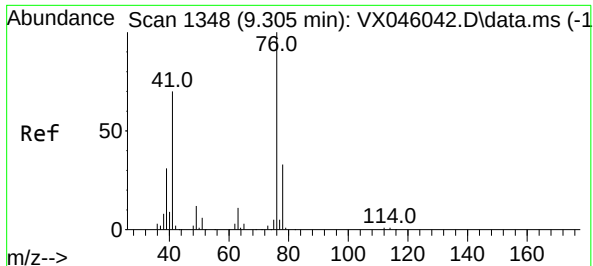


#56
Ethyl methacrylate
Concen: 58.651 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58



Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.2	60.8	91.2
39	49.0	39.0	58.6





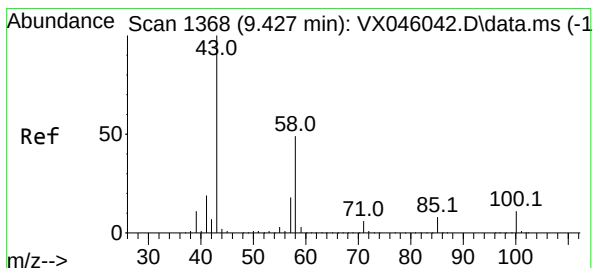
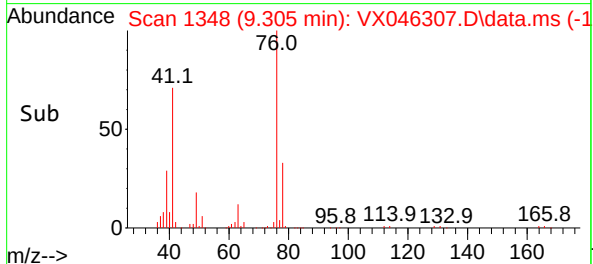
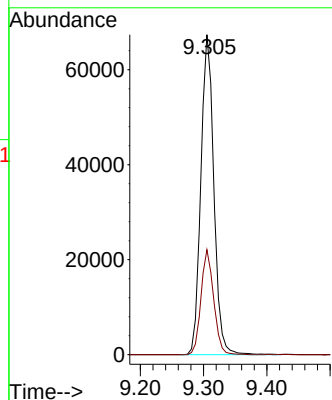
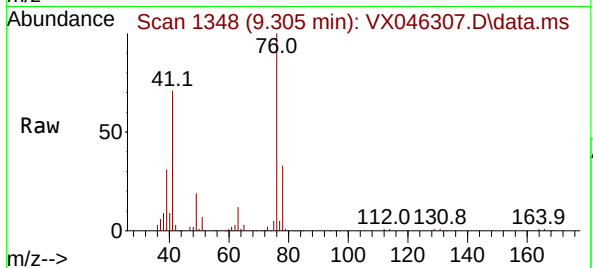
#57
1,3-Dichloropropane
Concen: 55.396 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion: 76 Resp: 96432
Ion Ratio Lower Upper
76 100
78 32.0 26.3 39.5

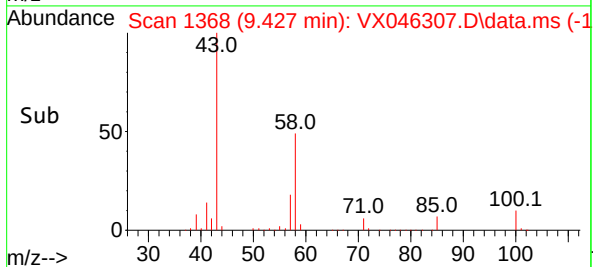
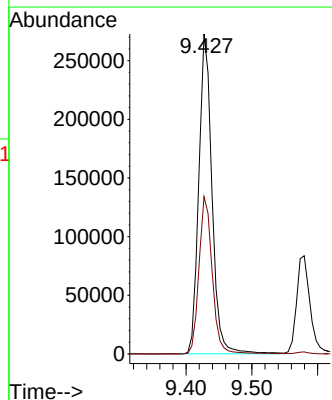
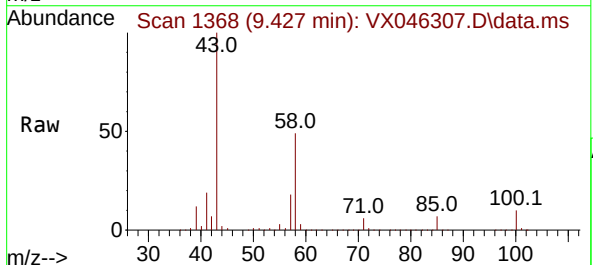
Manual Integrations
APPROVED

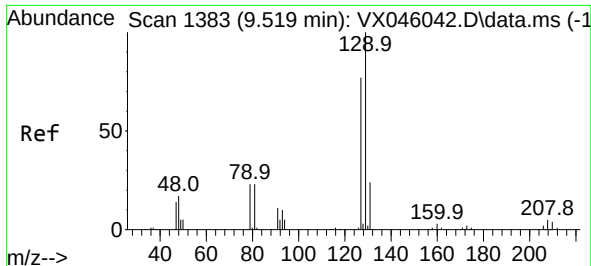
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#59
2-Hexanone
Concen: 299.078 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

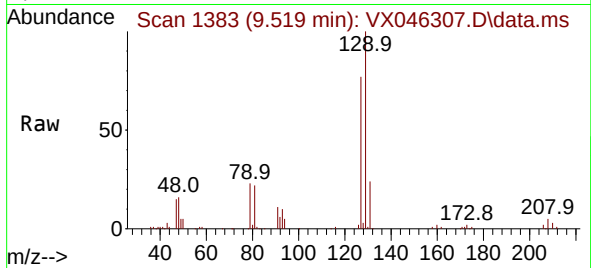
Tgt Ion: 43 Resp: 378895
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6





#60
Dibromochloromethane
Concen: 57.386 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

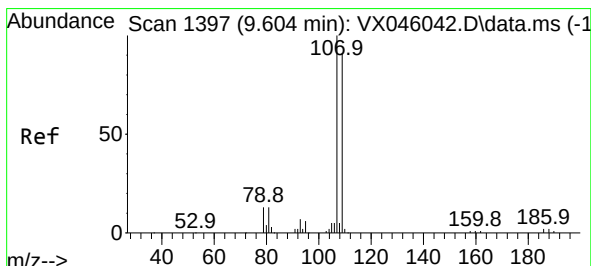
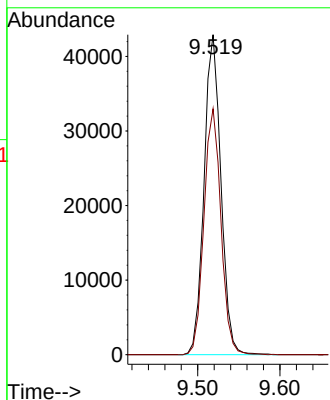
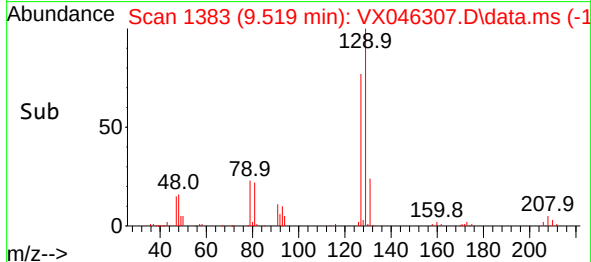
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion:129 Resp: 61088
Ion Ratio Lower Upper
129 100
127 77.7 39.3 117.8

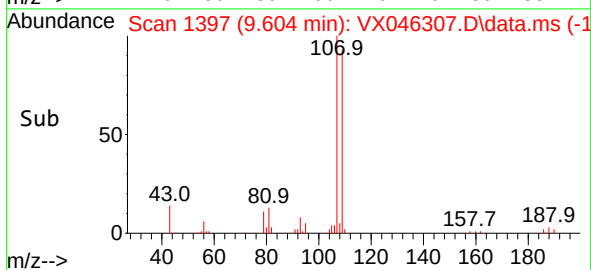
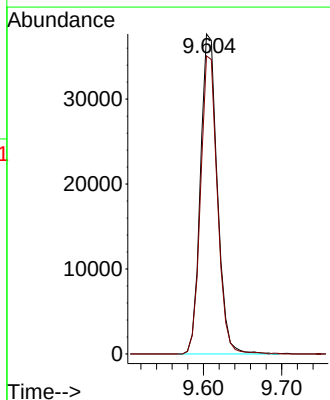
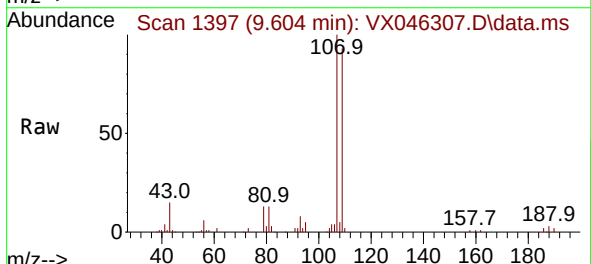
Manual Integrations
APPROVED

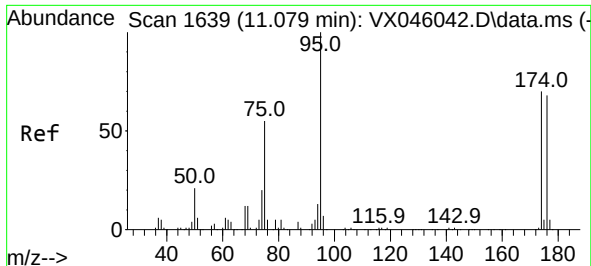
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#61
1,2-Dibromoethane
Concen: 55.862 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

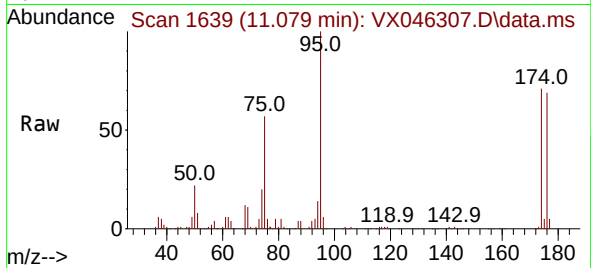
Tgt Ion:107 Resp: 56278
Ion Ratio Lower Upper
107 100
109 92.8 73.3 109.9





#62
4-Bromofluorobenzene
Concen: 52.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

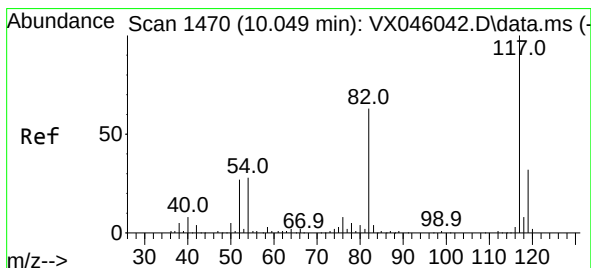
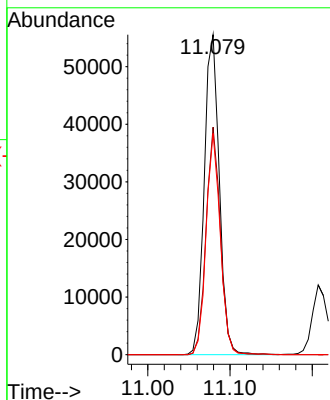
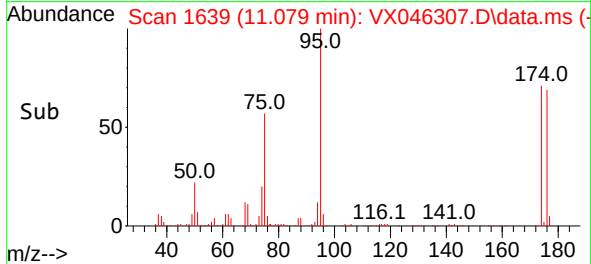
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 95 Resp: 7051
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 65.1 0.0 131.4

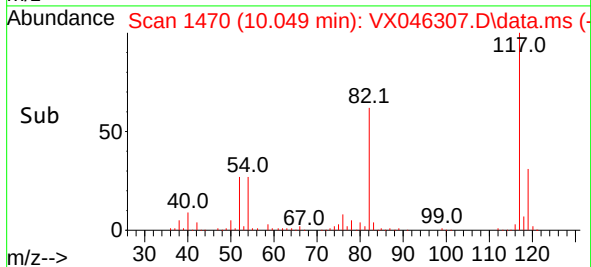
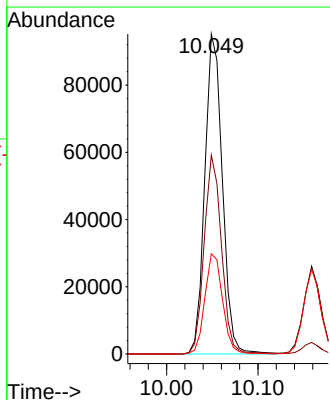
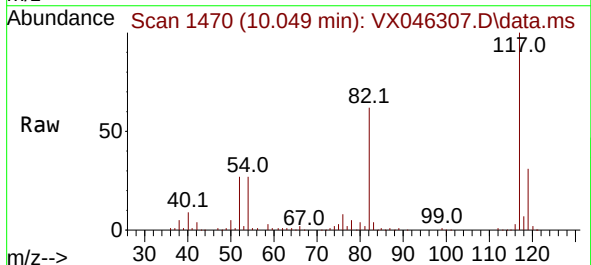
Manual Integrations
APPROVED

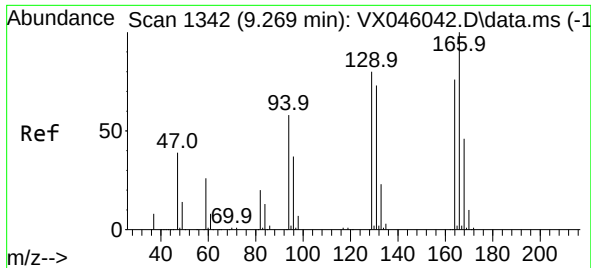
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion:117 Resp: 126683
Ion Ratio Lower Upper
117 100
82 62.1 50.6 76.0
119 31.3 25.8 38.6





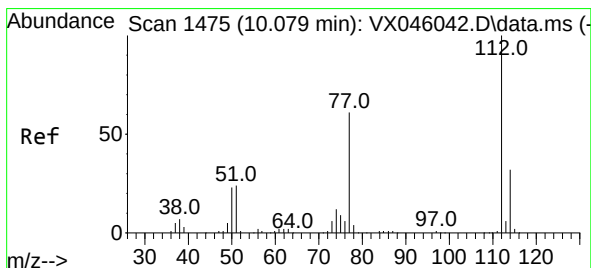
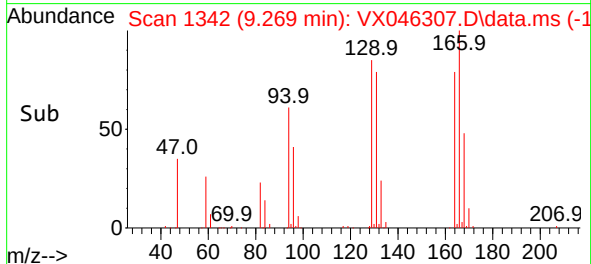
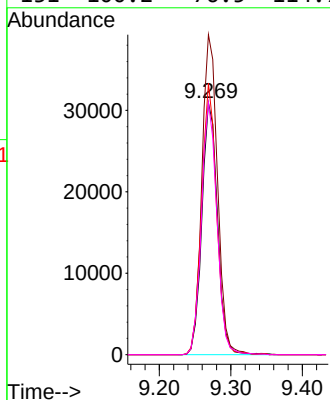
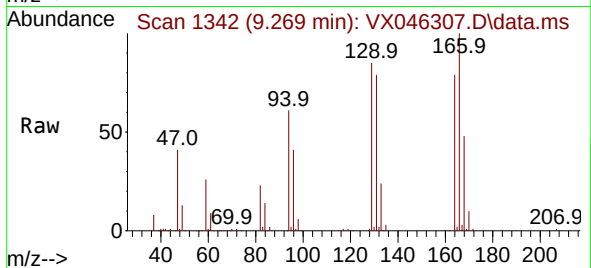
#64
Tetrachloroethene
Concen: 52.259 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion:164 Resp: 4684
Ion Ratio Lower Upper
164 100
166 127.0 105.0 157.6
129 107.7 83.5 125.3
131 100.2 76.5 114.7

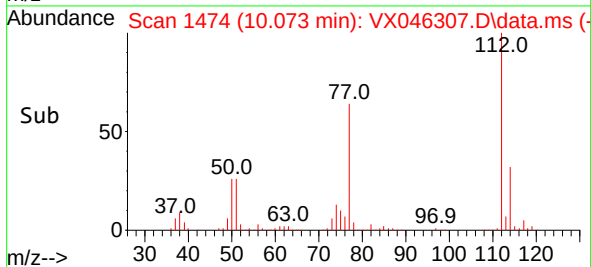
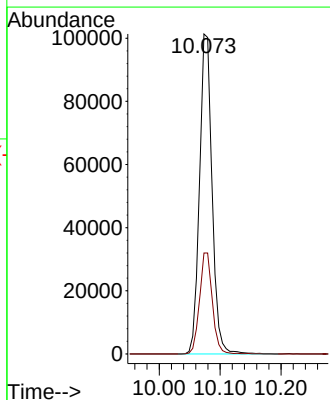
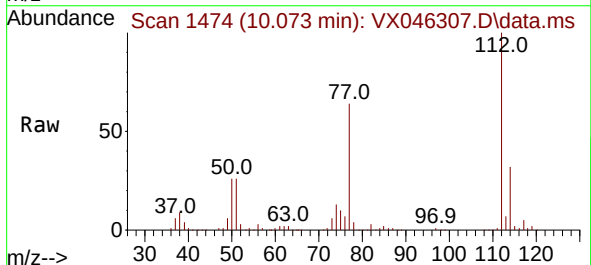
Manual Integrations
APPROVED

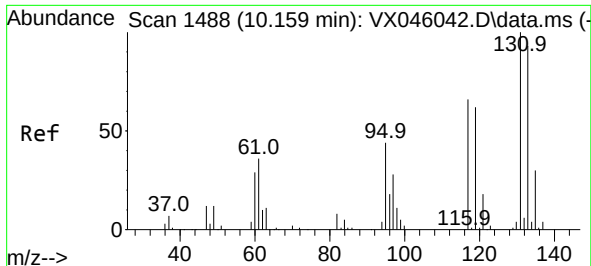
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#65
Chlorobenzene
Concen: 52.474 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion:112 Resp: 145499
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2





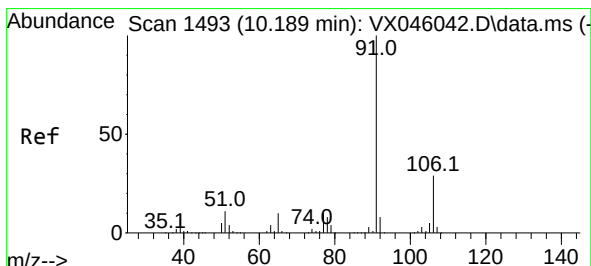
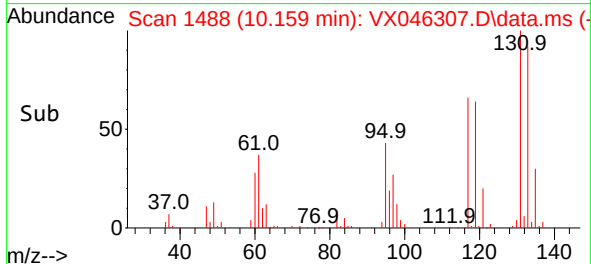
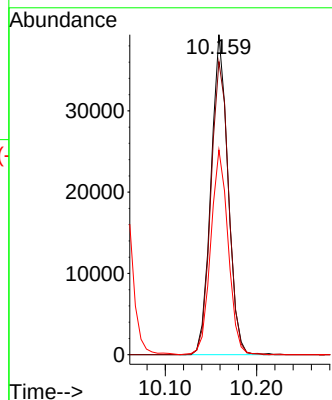
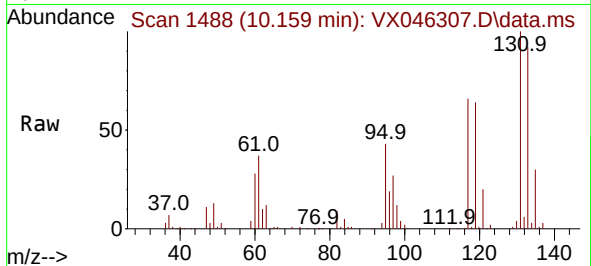
#66
1,1,1,2-Tetrachloroethane
Concen: 53.606 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion:131 Resp: 5075
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 65.5 31.6 95.0

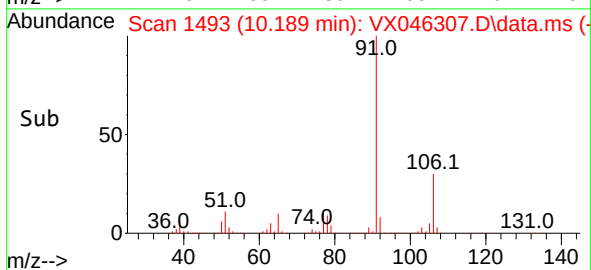
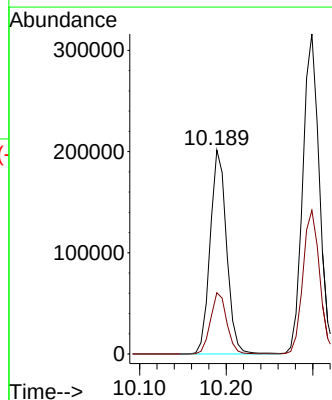
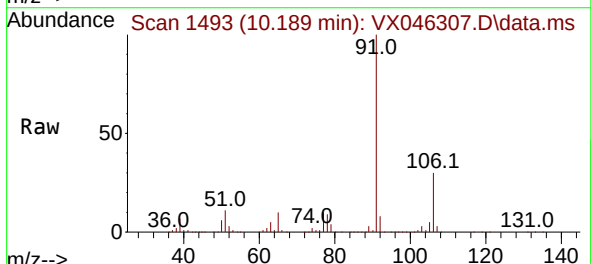
Manual Integrations
APPROVED

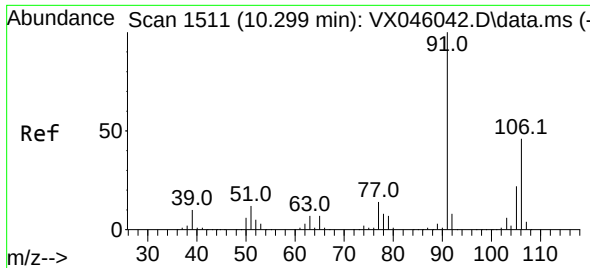
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#67
Ethyl Benzene
Concen: 54.309 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion: 91 Resp: 265445
Ion Ratio Lower Upper
91 100
106 30.0 23.4 35.2





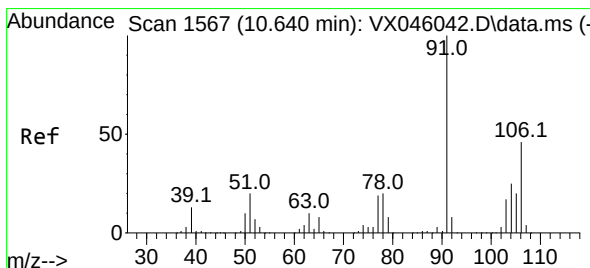
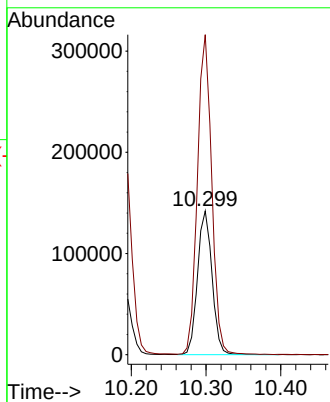
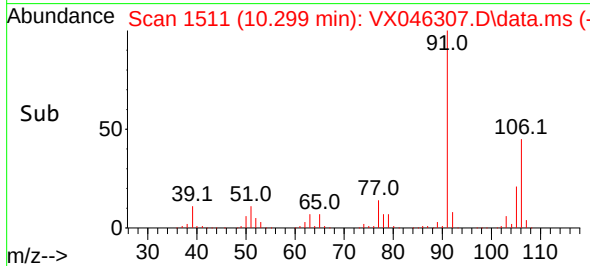
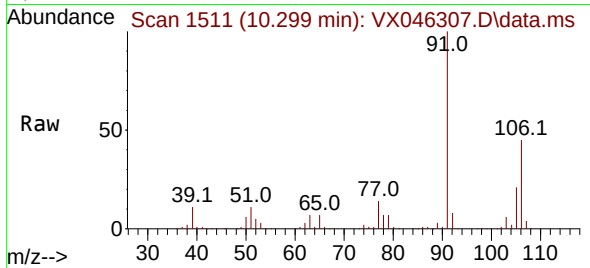
#68
m/p-Xylenes
Concen: 107.381 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion:106 Resp: 19195
Ion Ratio Lower Upper
106 100
91 218.7 171.2 256.8

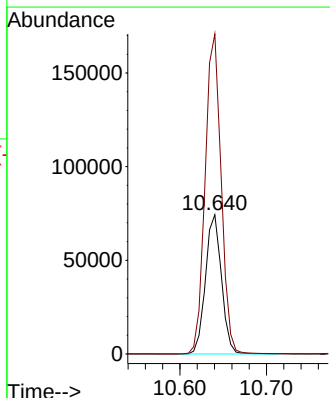
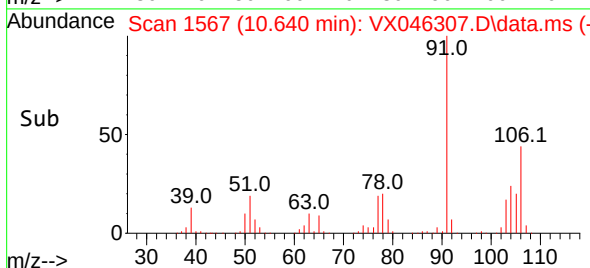
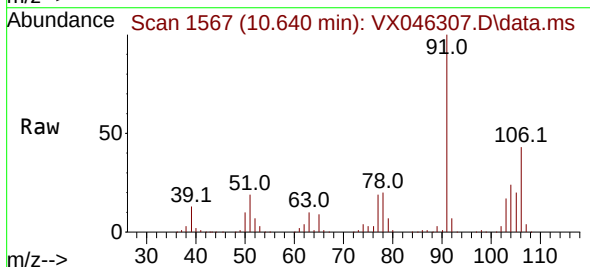
Manual Integrations
APPROVED

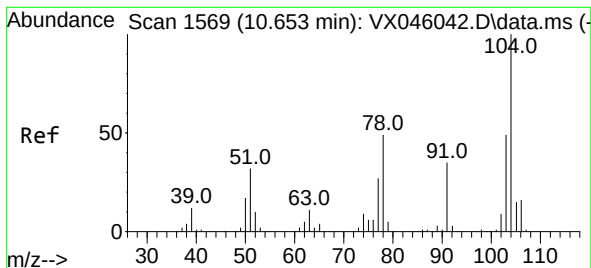
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#69
o-Xylene
Concen: 54.671 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

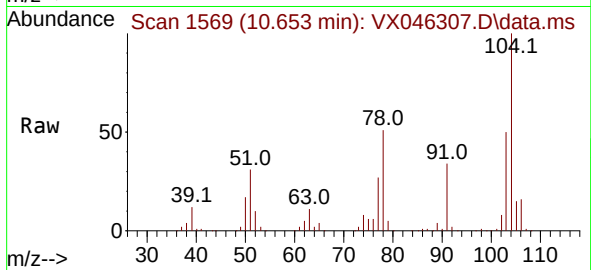
Tgt Ion:106 Resp: 95278
Ion Ratio Lower Upper
106 100
91 231.0 112.7 338.1





#70
Styrene
Concen: 54.610 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

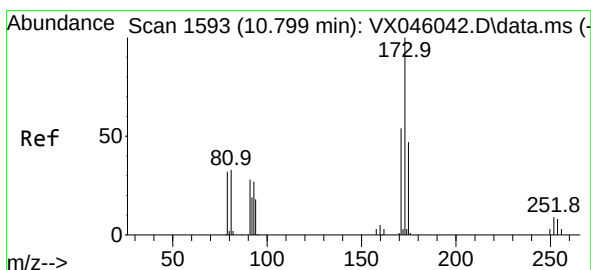
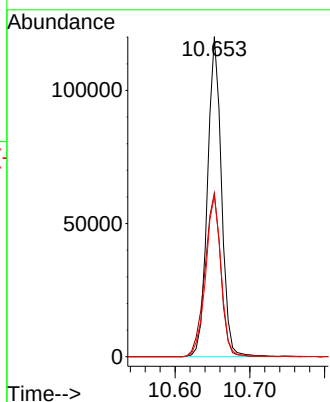
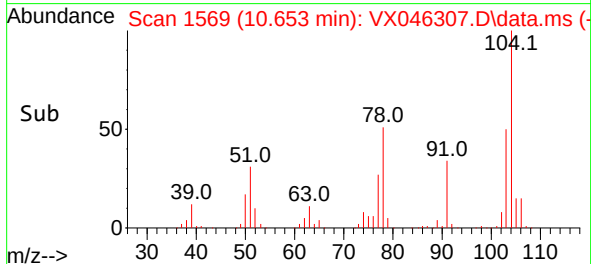
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion:104 Resp: 155904
Ion Ratio Lower Upper
104 100
78 58.0 45.7 68.5
103 55.5 43.7 65.5

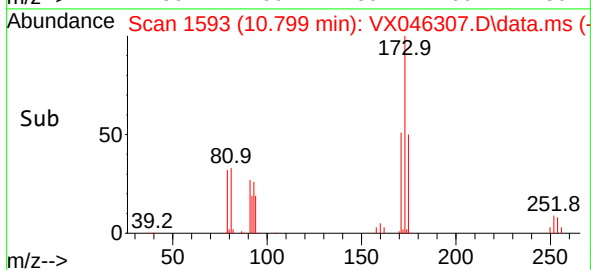
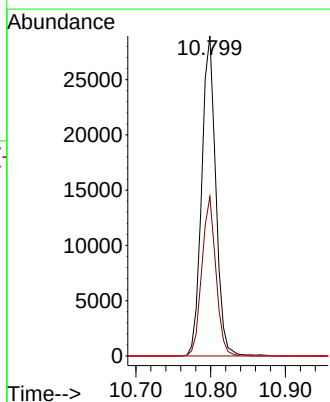
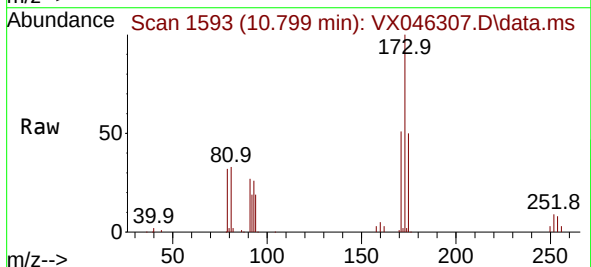
Manual Integrations
APPROVED

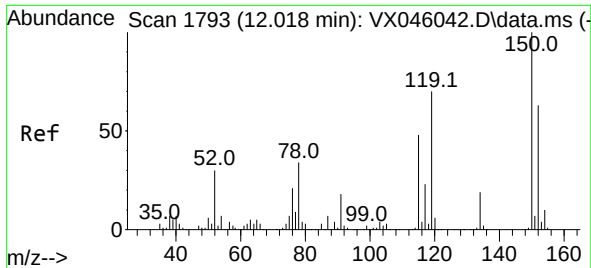
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#71
Bromoform
Concen: 53.433 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

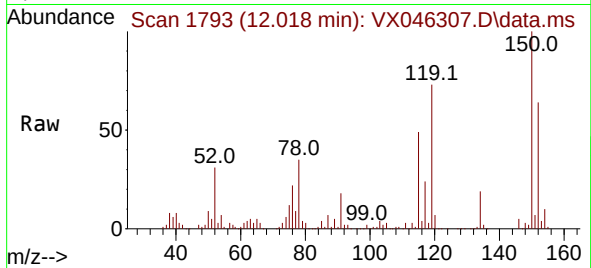
Tgt Ion:173 Resp: 37983
Ion Ratio Lower Upper
173 100
175 49.6 23.4 70.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

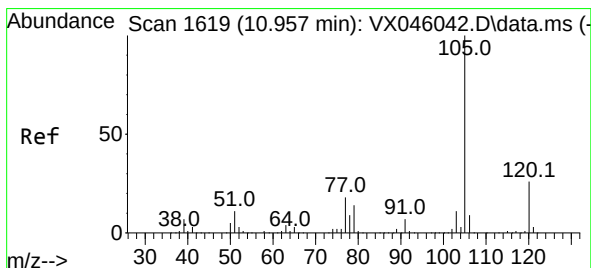
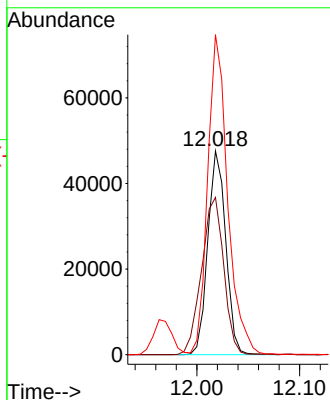
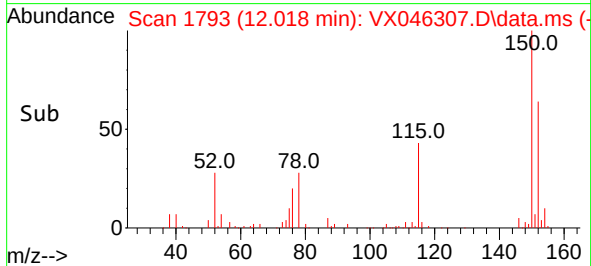
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



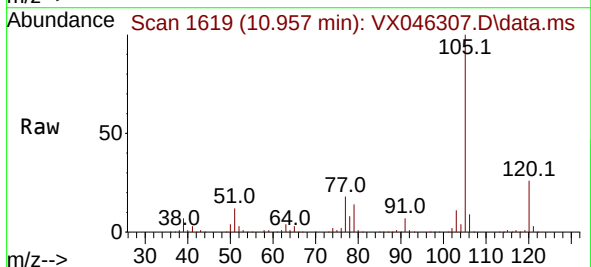
Tgt Ion:152 Resp: 5780
Ion Ratio Lower Upper
152 100
115 95.6 46.9 140.7
150 175.1 0.0 351.0

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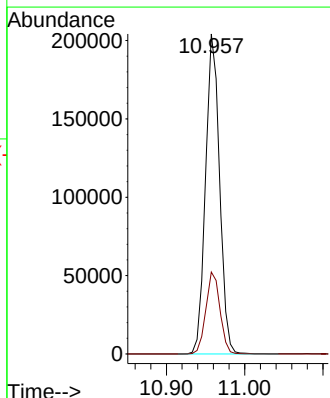
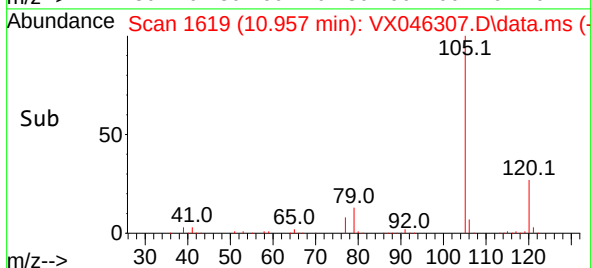
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

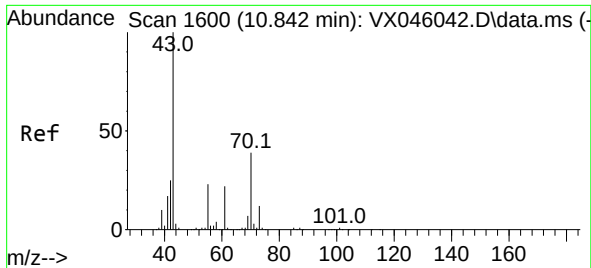


#73
Isopropylbenzene
Concen: 56.332 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58



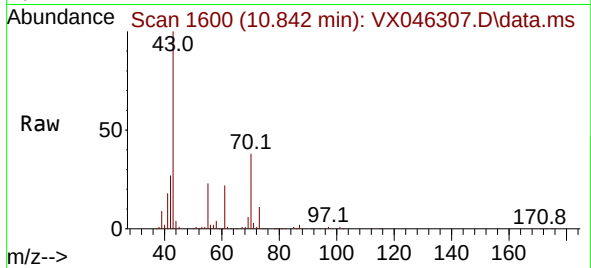
Tgt Ion:105 Resp: 253501
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4





#74
N-amy1 acetate
Concen: 54.008 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

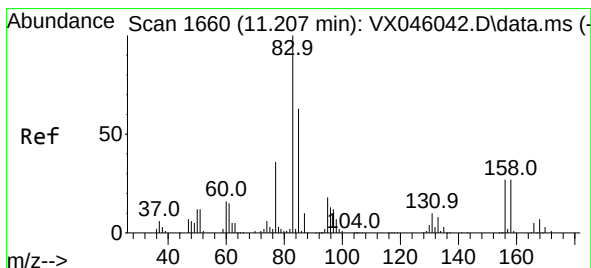
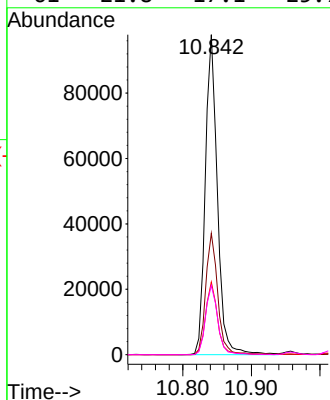
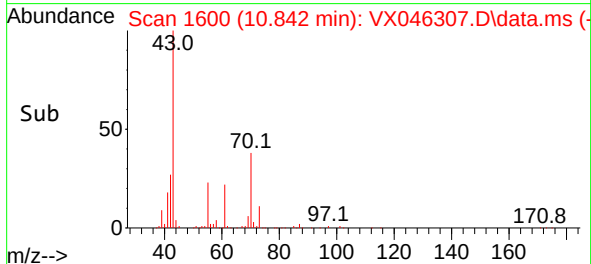
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 43 Resp: 120099
Ion Ratio Lower Upper
43 100
70 37.8 30.9 46.3
55 22.8 18.7 28.1
61 21.8 17.1 25.7

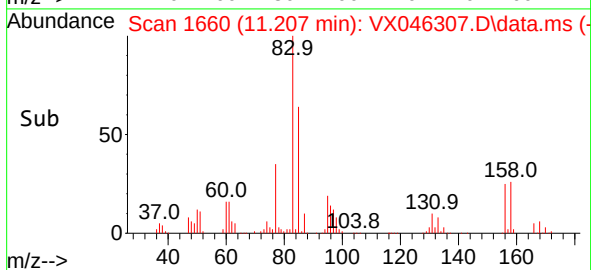
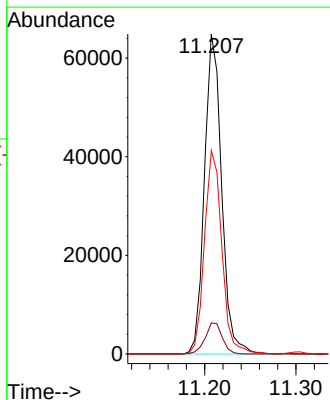
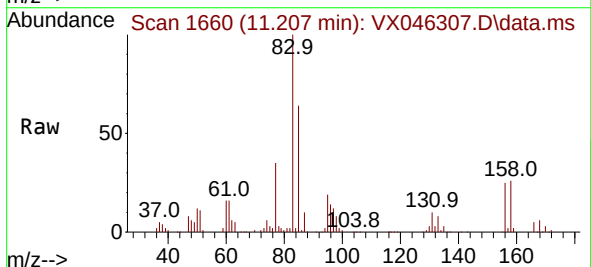
Manual Integrations
APPROVED

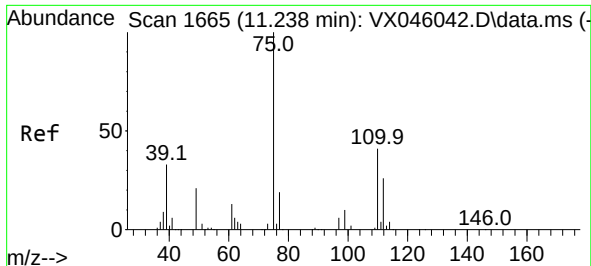
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 53.717 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

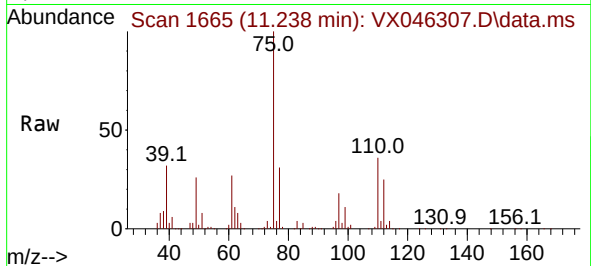
Tgt Ion: 83 Resp: 84712
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.4 31.9 95.7





#76
1,2,3-Trichloropropane
Concen: 53.097 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

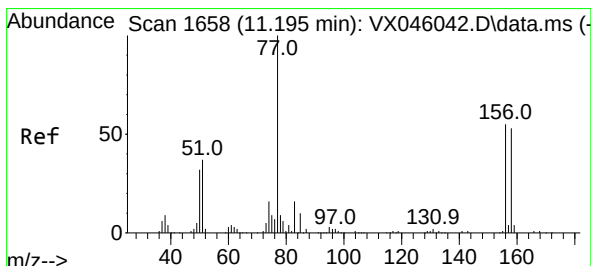
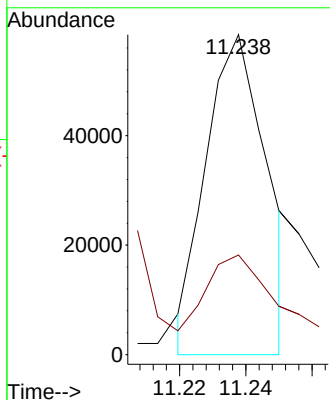
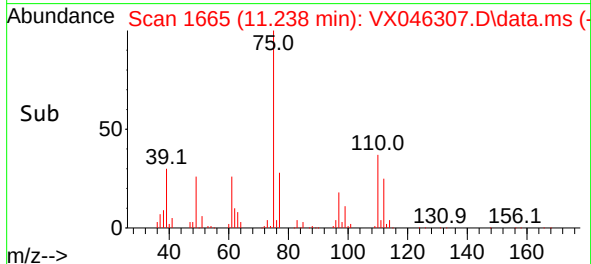
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



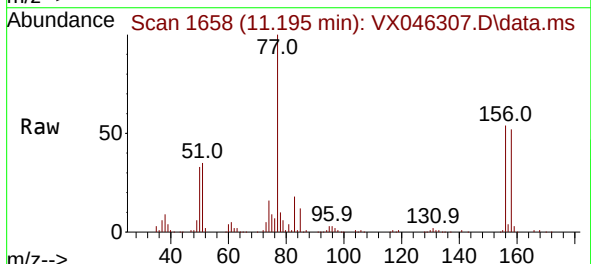
Tgt Ion: 75 Resp: 7387
Ion Ratio Lower Upper
75 100
77 40.8 20.5 61.5

Manual Integrations
APPROVED

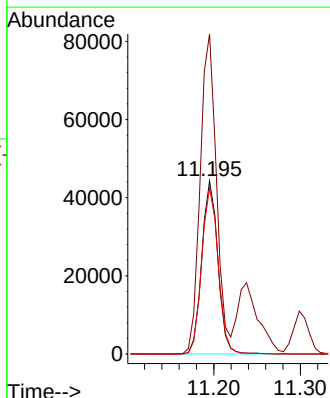
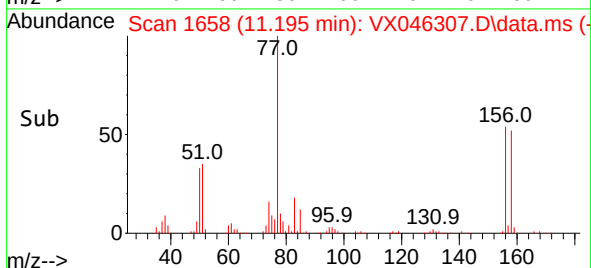
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

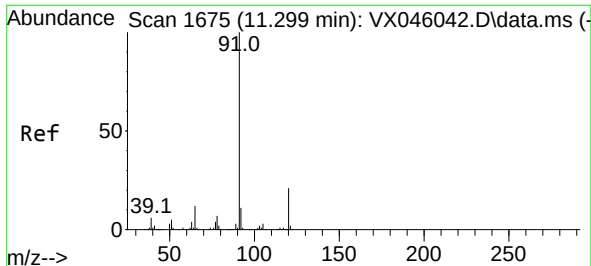


#77
Bromobenzene
Concen: 54.649 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58



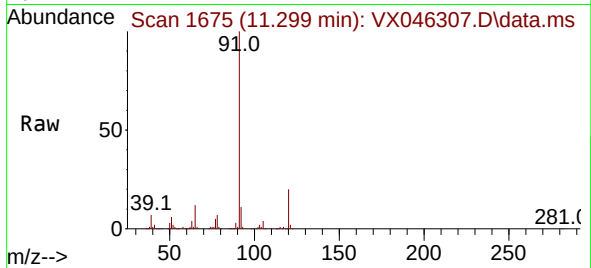
Tgt Ion:156 Resp: 57095
Ion Ratio Lower Upper
156 100
77 187.3 92.8 278.3
158 98.3 48.8 146.3





#78
n-propylbenzene
Concen: 56.708 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

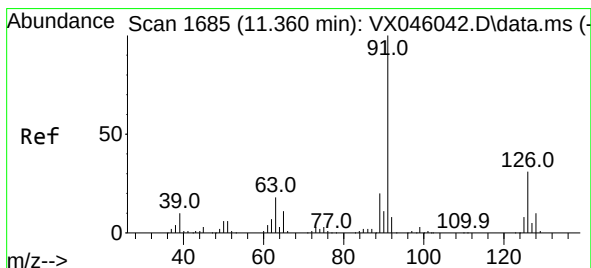
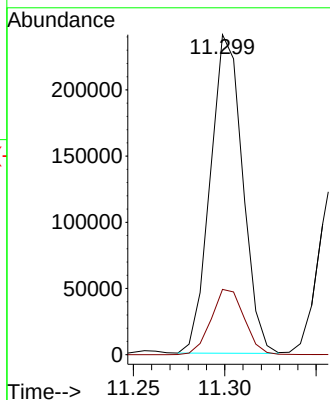
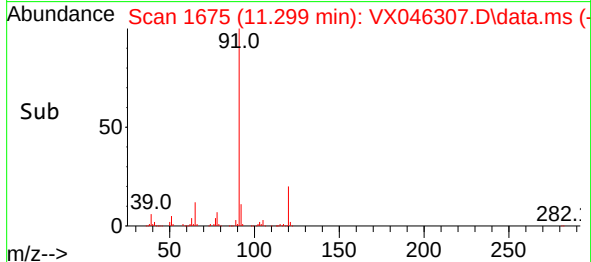
Instrument : MSVOA_X
ClientSampleId : BP-VPB-182-GW-400-402MS



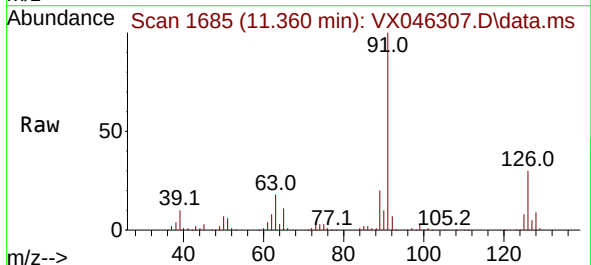
Tgt Ion: 91 Resp: 296720
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.4

Manual Integrations
APPROVED

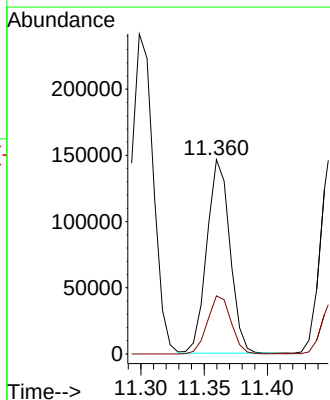
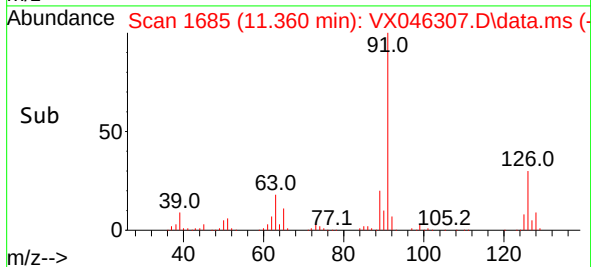
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

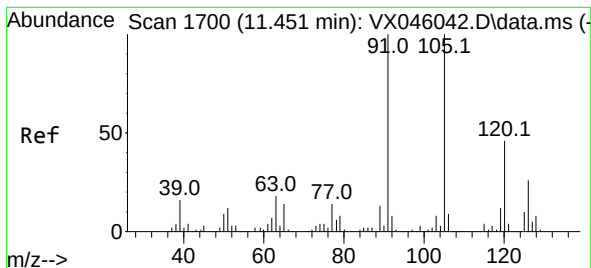


#79
2-Chlorotoluene
Concen: 54.971 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58



Tgt Ion: 91 Resp: 185527
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.7





#80

1,3,5-Trimethylbenzene

Concen: 56.283 ug/l

RT: 11.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX046307.D

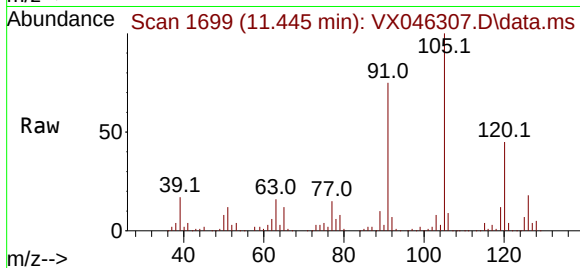
Acq: 21 May 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MS



Tgt Ion:105 Resp: 211600

Ion Ratio Lower Upper

105 100

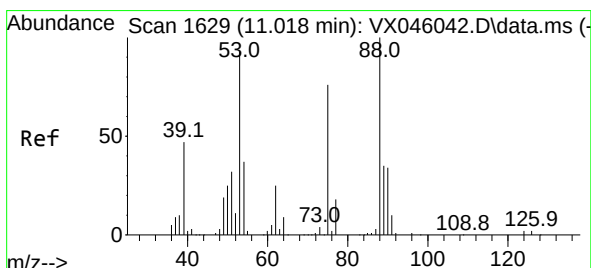
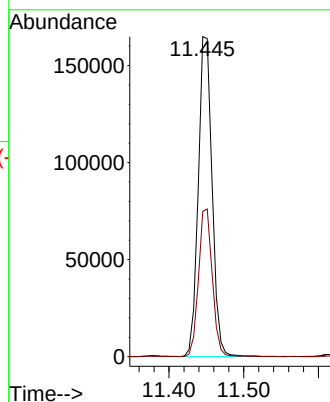
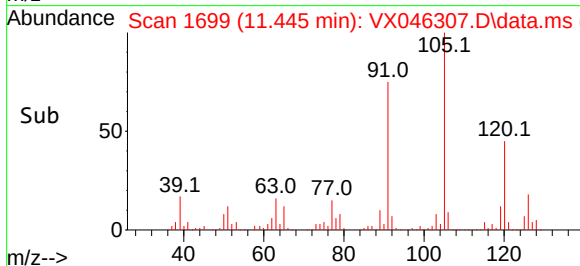
120 46.1 23.1 69.2

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: 52.775 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

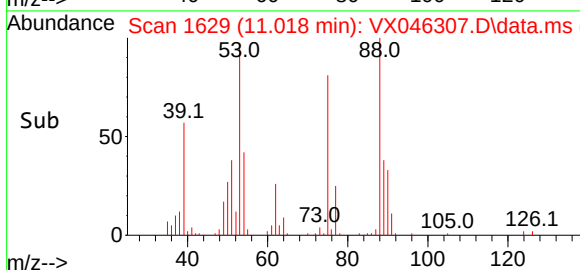
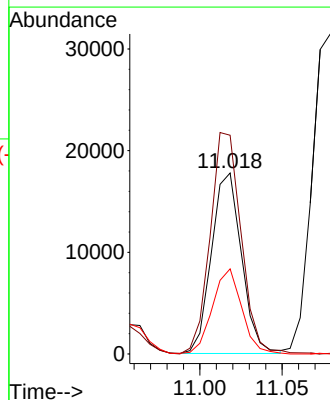
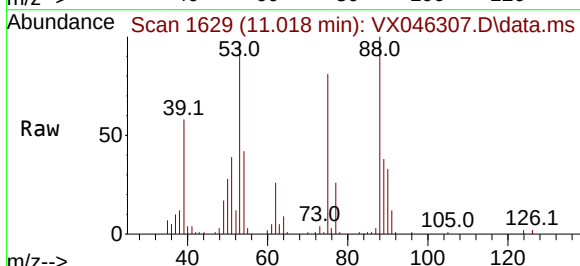
Tgt Ion: 75 Resp: 22554

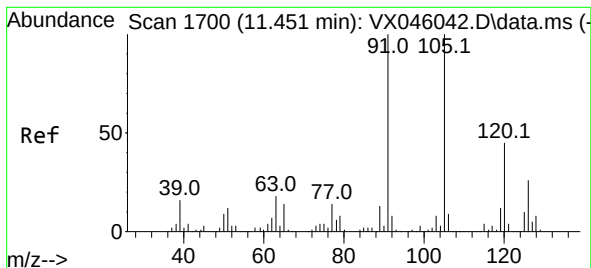
Ion Ratio Lower Upper

75 100

53 126.5 100.5 150.7

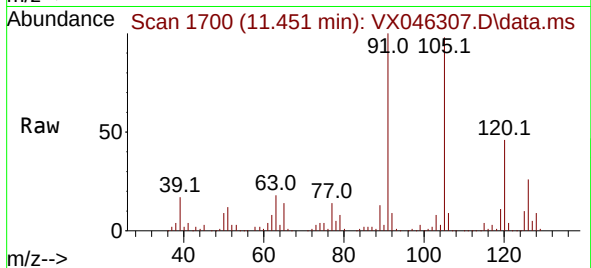
89 46.0 37.0 55.6





#82
4-Chlorotoluene
Concen: 55.636 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

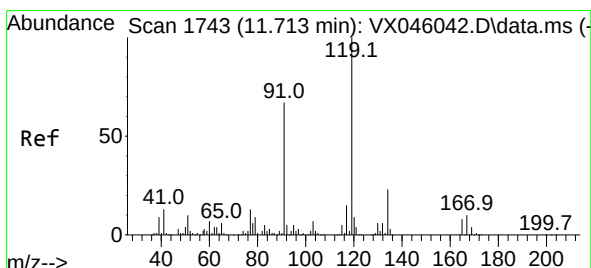
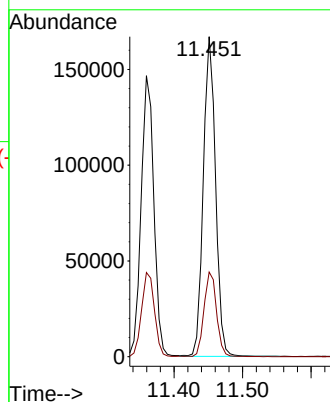
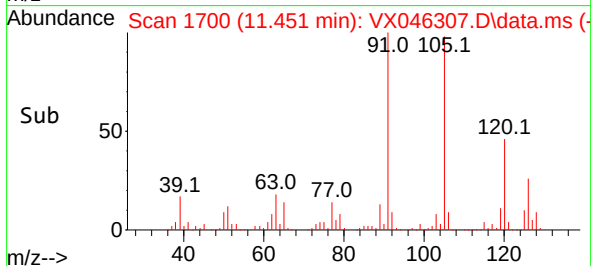
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



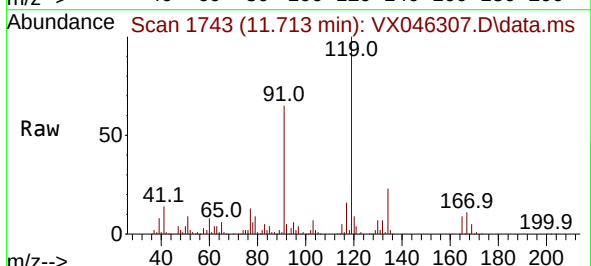
Tgt Ion: 91 Resp: 20823
Ion Ratio Lower Upper
91 100
126 27.2 13.3 39.8

Manual Integrations
APPROVED

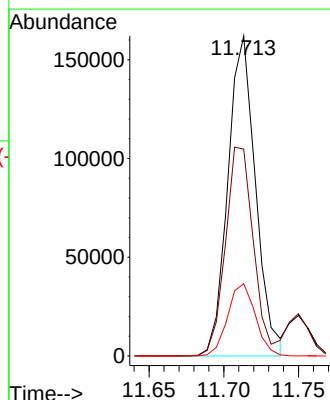
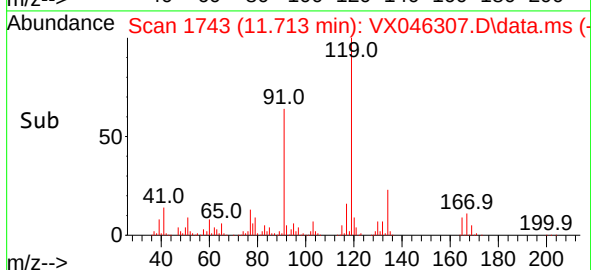
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

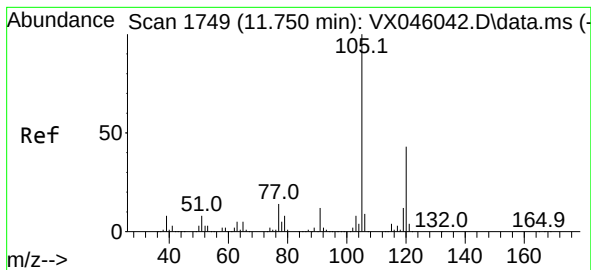


#83
tert-Butylbenzene
Concen: 55.173 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58



Tgt Ion:119 Resp: 208936
Ion Ratio Lower Upper
119 100
91 65.5 32.9 98.7
134 22.6 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 55.669 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MS

Tgt Ion:105 Resp: 211949

Ion Ratio Lower Upper

105 100

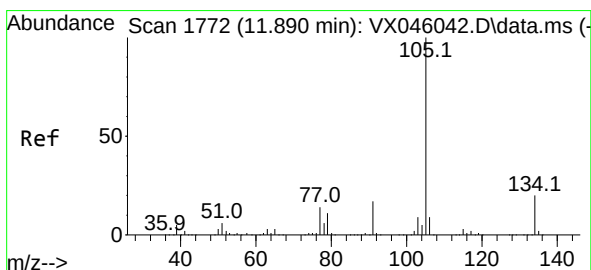
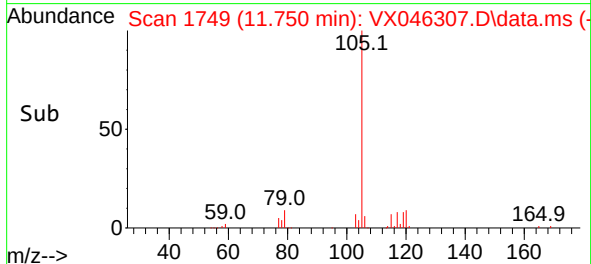
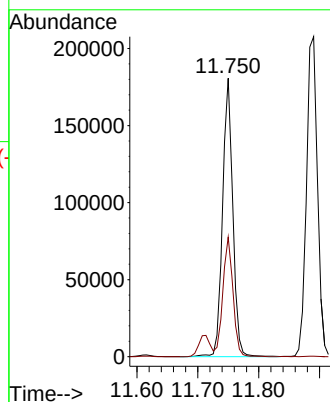
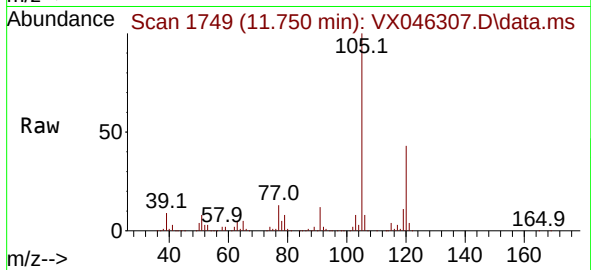
120 42.5 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#85

sec-Butylbenzene

Concen: 55.783 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX046307.D

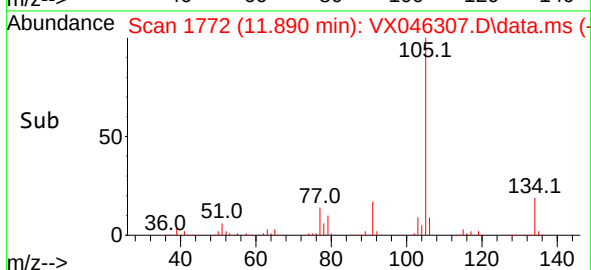
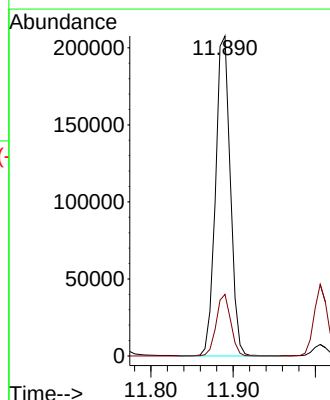
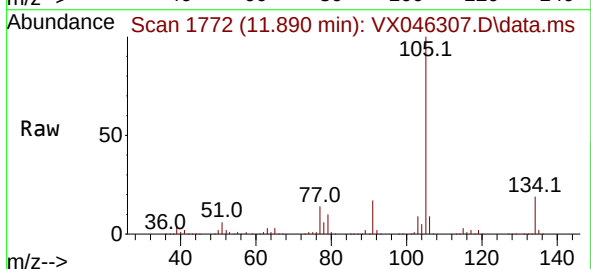
Acq: 21 May 2025 18:58

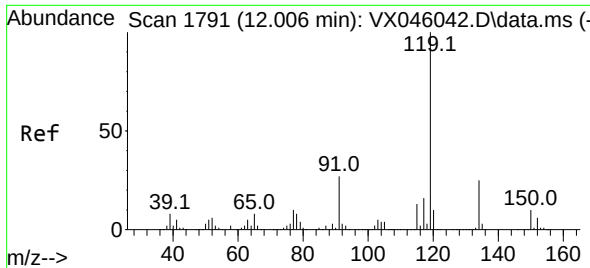
Tgt Ion:105 Resp: 259376

Ion Ratio Lower Upper

105 100

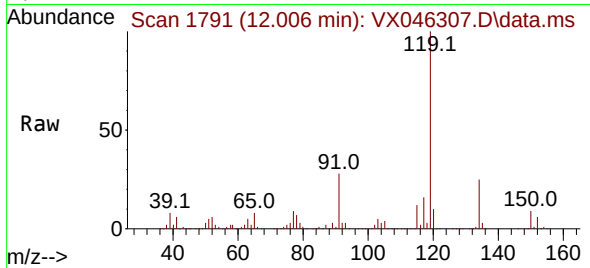
134 18.9 9.7 29.1





#86
p-Isopropyltoluene
Concen: 55.338 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

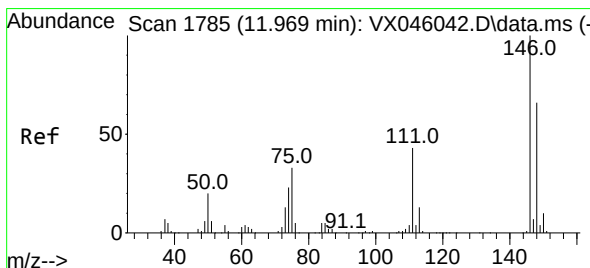
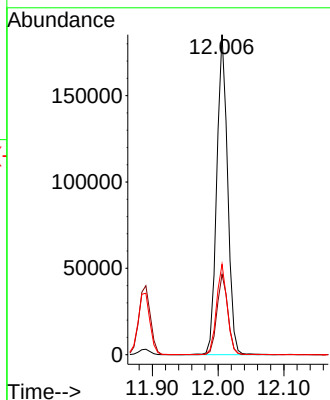
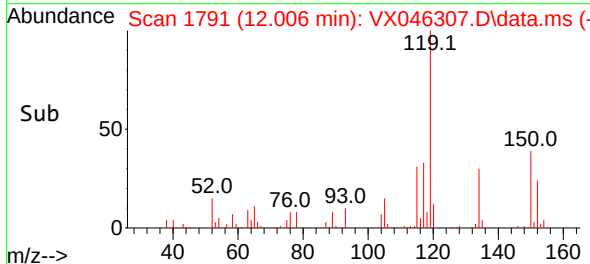
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



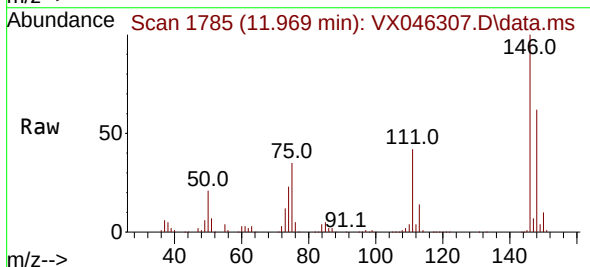
Tgt Ion:119 Resp: 21238
Ion Ratio Lower Upper
119 100
134 25.0 12.5 37.5
91 27.6 13.8 41.4

Manual Integrations
APPROVED

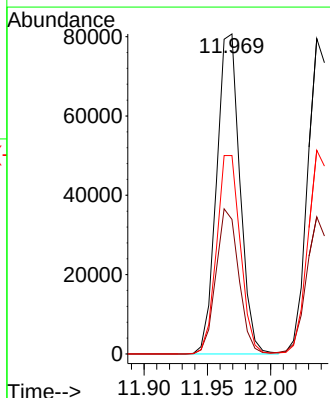
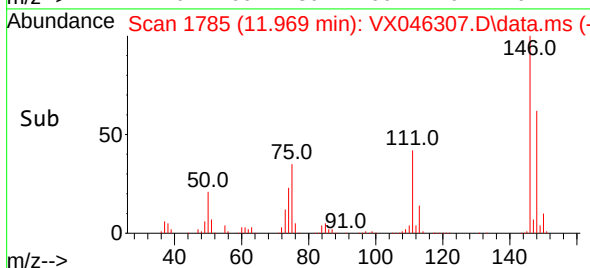
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

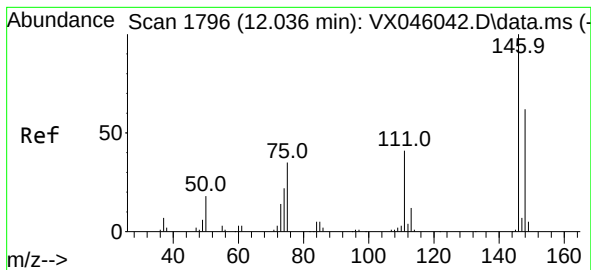


#87
1,3-Dichlorobenzene
Concen: 54.123 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58



Tgt Ion:146 Resp: 103199
Ion Ratio Lower Upper
146 100
111 44.3 22.1 66.3
148 62.9 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 52.526 ug/l

RT: 12.036 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MS

Tgt Ion:146 Resp: 10228

Ion Ratio Lower Upper

146 100

111 43.3 21.3 63.9

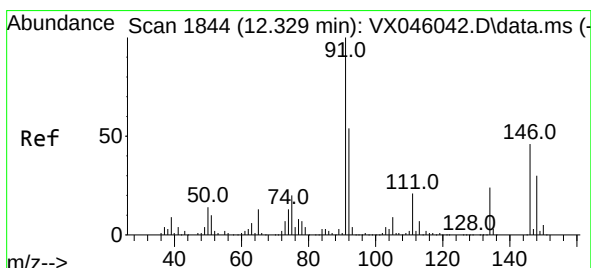
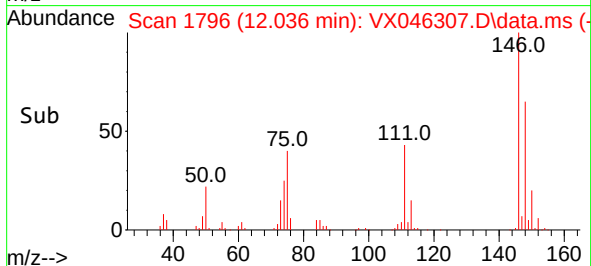
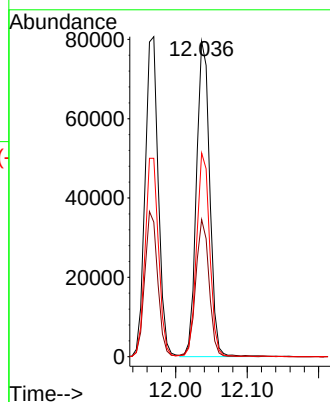
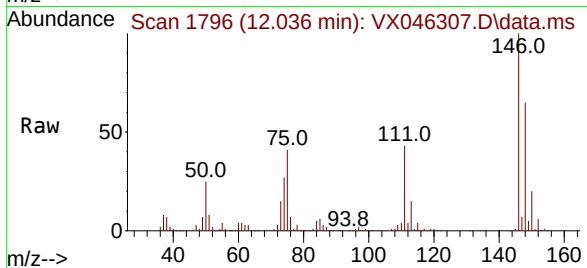
148 63.6 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#89

n-Butylbenzene

Concen: 53.820 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

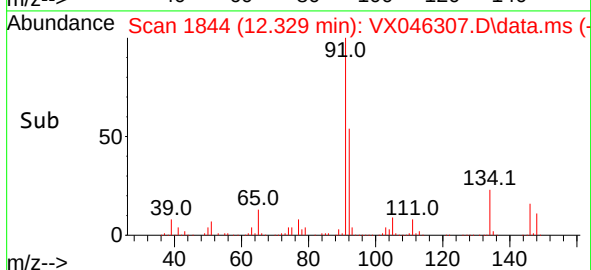
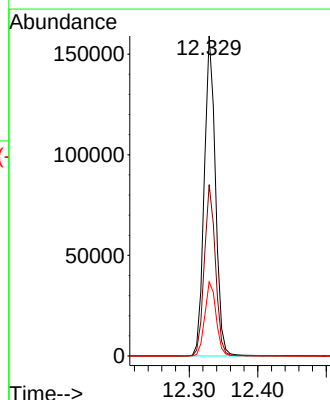
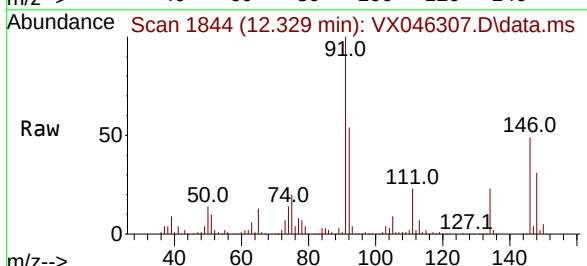
Tgt Ion: 91 Resp: 181190

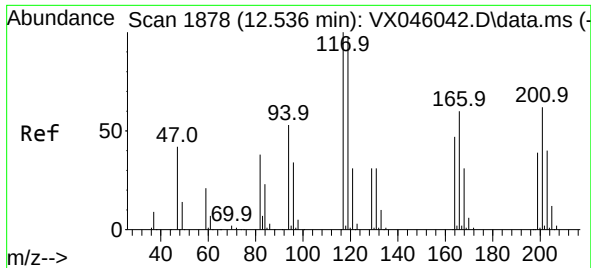
Ion Ratio Lower Upper

91 100

92 53.2 26.9 80.7

134 23.4 11.8 35.3





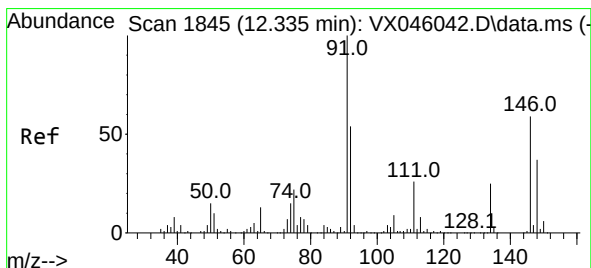
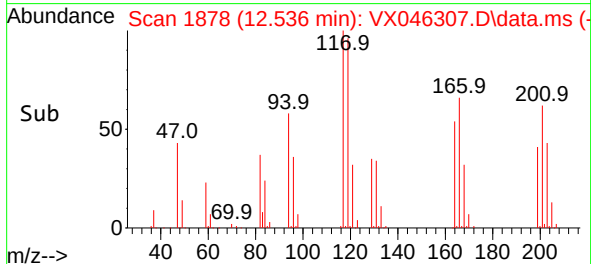
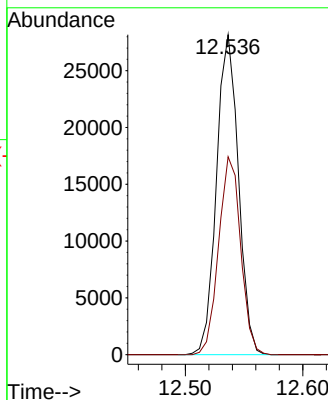
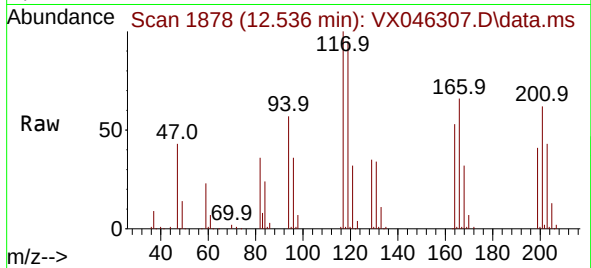
#90
Hexachloroethane
Concen: 54.032 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

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

Tgt Ion:117 Resp: 3653
Ion Ratio Lower Upper
117 100
201 62.3 31.6 94.7

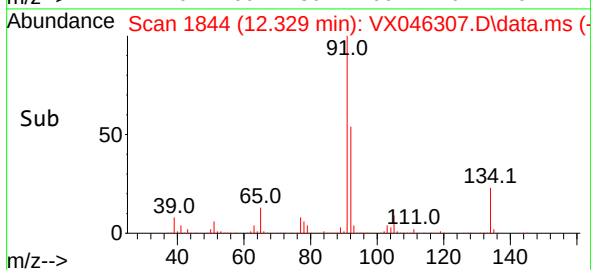
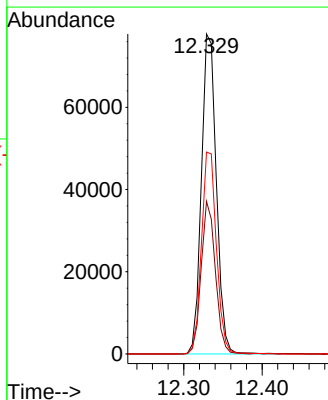
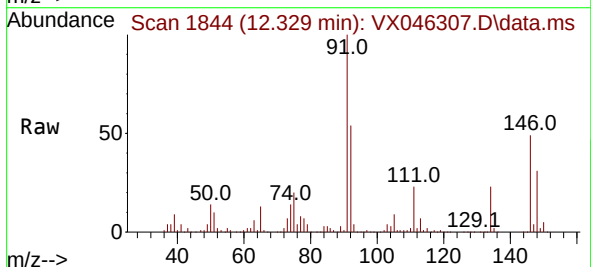
Manual Integrations
APPROVED

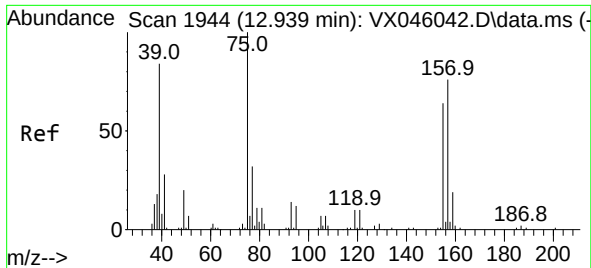
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#91
1,2-Dichlorobenzene
Concen: 53.854 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

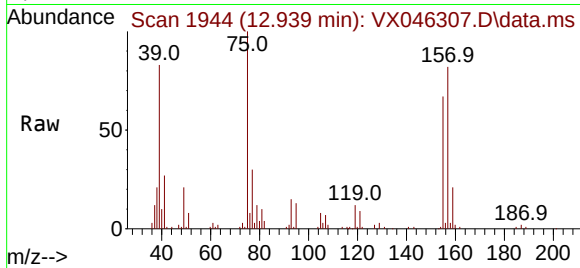
Tgt Ion:146 Resp: 103043
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.3
148 63.4 31.6 94.8





#92
1,2-Dibromo-3-Chloropropane
Concen: 57.053 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

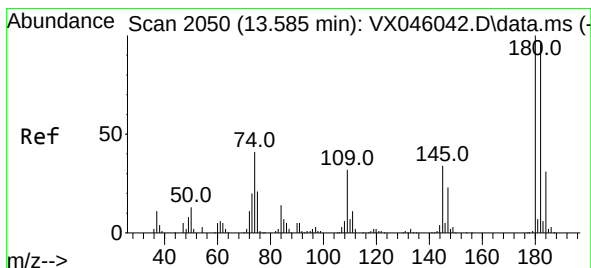
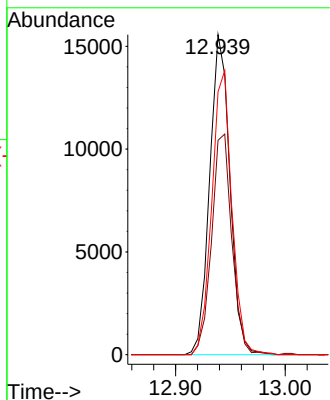
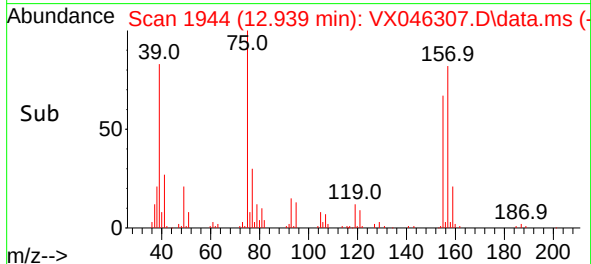
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402MS



Tgt Ion: 75 Resp: 1993
Ion Ratio Lower Upper
75 100
155 69.4 34.9 104.8
157 88.3 43.8 131.4

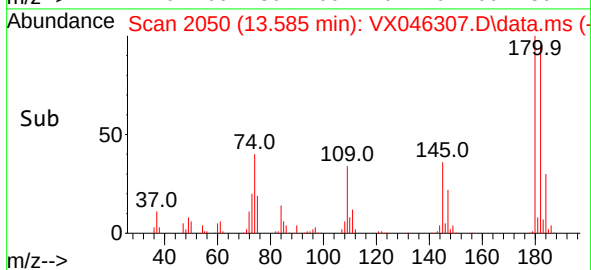
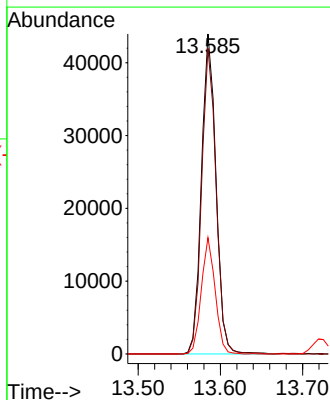
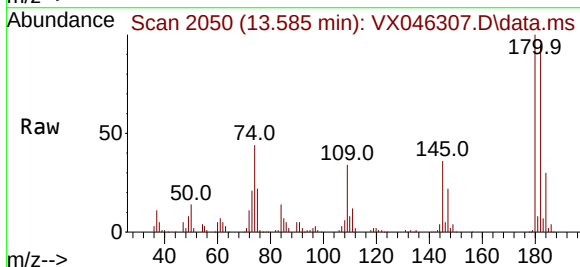
Manual Integrations
APPROVED

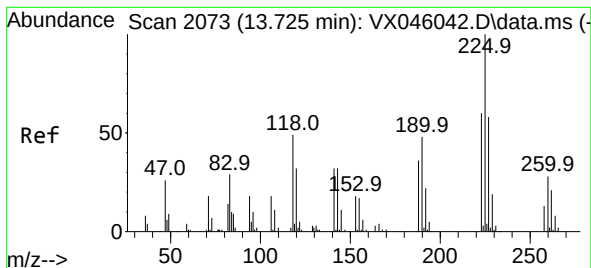
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#93
1,2,4-Trichlorobenzene
Concen: 49.144 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046307.D
Acq: 21 May 2025 18:58

Tgt Ion:180 Resp: 54008
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.8
145 34.5 17.1 51.2





#94

Hexachlorobutadiene

Concen: 46.451 ug/l

RT: 13.719 min Scan# 2073

Delta R.T. -0.006 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402MS

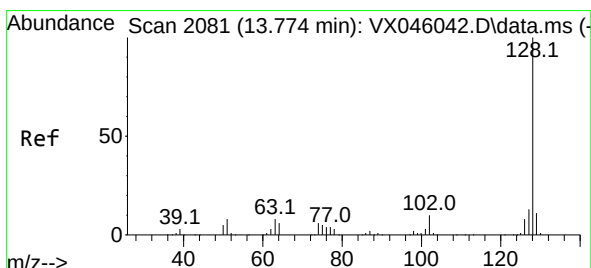
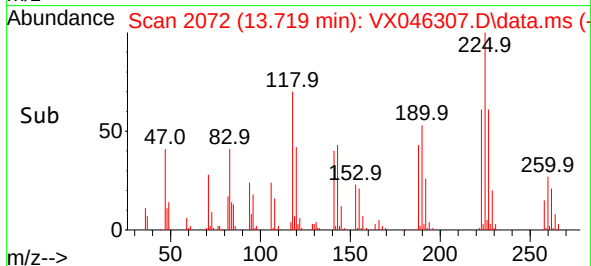
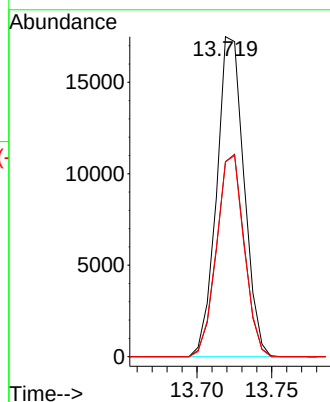
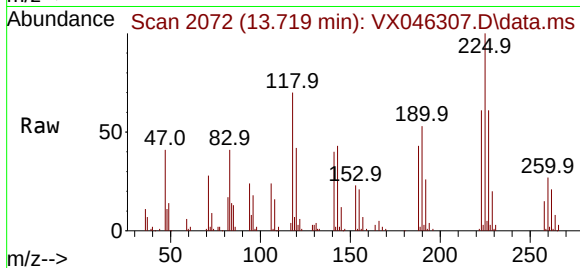
Tgt Ion:	225	Resp:	2229
Ion Ratio	Lower	Upper	
225	100		
223	63.6	30.8	92.4
227	63.4	30.9	92.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#95

Naphthalene

Concen: 51.921 ug/l

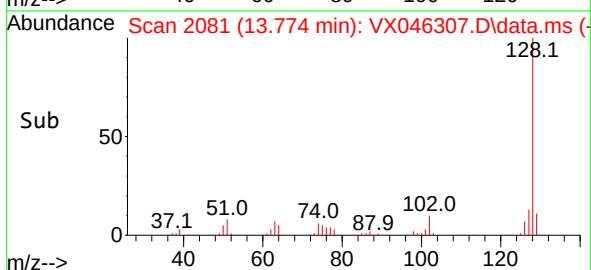
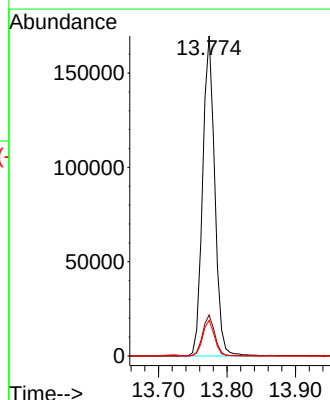
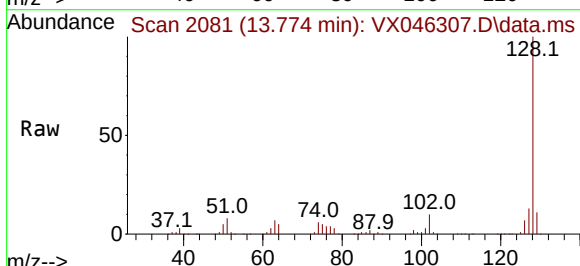
RT: 13.774 min Scan# 2081

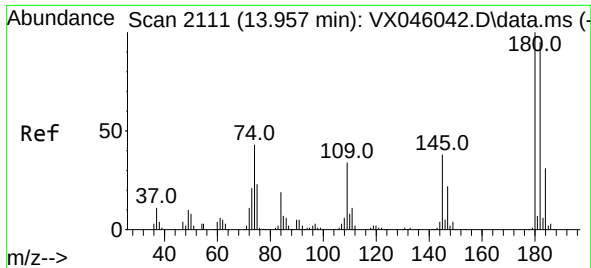
Delta R.T. -0.000 min

Lab File: VX046307.D

Acq: 21 May 2025 18:58

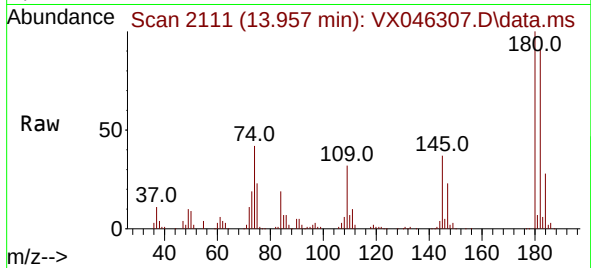
Tgt Ion:	128	Resp:	209276
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.8	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 50.806 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: VX046307.D
 Acq: 21 May 2025 18:58

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



Tgt Ion:180 Resp: 57612
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.8 143.3
 145 35.9 18.1 54.3

Manual Integrations
 APPROVED

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

