

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046309.D
 Acq On : 21 May 2025 19:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 22 01:56:12 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	80304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77473	51.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.500%			
35) Dibromofluoromethane	5.379	113	53992	52.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.960%			
50) Toluene-d8	8.647	98	183231	51.458	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.079	95	74777	54.746	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62887	51.165	ug/l	99
3) Chloromethane	1.301	50	61721	51.783	ug/l	99
4) Vinyl Chloride	1.374	62	55519	50.048	ug/l	98
5) Bromomethane	1.593	94	26187	50.896	ug/l	98
6) Chloroethane	1.666	64	32246	54.451	ug/l	94
7) Trichlorofluoromethane	1.874	101	87323	53.263	ug/l	99
8) Diethyl Ether	2.136	74	28768	51.546	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	51854	51.109	ug/l	98
10) Methyl Iodide	2.447	142	61967	51.617	ug/l	100
11) Tert butyl alcohol	2.977	59	57358	272.937	ug/l	99
12) 1,1-Dichloroethene	2.313	96	48892	51.346	ug/l	99
13) Acrolein	2.233	56	72757	304.004	ug/l	100
14) Allyl chloride	2.660	41	100048	54.976	ug/l	97
15) Acrylonitrile	3.062	53	164409	273.599	ug/l	98
16) Acetone	2.386	43	157398	262.209	ug/l	100
17) Carbon Disulfide	2.502	76	110776	49.071	ug/l	99
18) Methyl Acetate	2.703	43	86630	62.191	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	183878	55.080	ug/l	100
20) Methylene Chloride	2.782	84	56742	49.327	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	48903	51.069	ug/l	98
22) Diisopropyl ether	3.764	45	196237	55.824	ug/l	91
23) Vinyl Acetate	3.721	43	856870	277.142	ug/l	100
24) 1,1-Dichloroethane	3.605	63	107309	54.807	ug/l	98
25) 2-Butanone	4.556	43	242742	278.542	ug/l	100
26) 2,2-Dichloropropane	4.471	77	72690	47.433	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	62007	53.789	ug/l	99
28) Bromochloromethane	4.891	49	47884	50.808	ug/l	100
29) Tetrahydrofuran	5.001	42	152597	279.438	ug/l	99
30) Chloroform	5.086	83	112040	54.901	ug/l	96
31) Cyclohexane	5.464	56	95105	53.304	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	95926	54.225	ug/l	100
36) 1,1-Dichloropropene	5.684	75	71831	51.965	ug/l	99
37) Ethyl Acetate	4.715	43	91900	53.811	ug/l	99
38) Carbon Tetrachloride	5.672	117	81617	52.550	ug/l	98
39) Methylcyclohexane	7.373	83	90909	51.084	ug/l	96
40) Benzene	6.031	78	214309	52.931	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51551	57.703	ug/l	98
42) 1,2-Dichloroethane	6.080	62	93208	53.339	ug/l	100
43) Isopropyl Acetate	6.342	43	146696	56.305	ug/l	99
44) Trichloroethene	7.123	130	51584	52.934	ug/l	96
45) 1,2-Dichloropropane	7.428	63	55898	55.522	ug/l	98
46) Dibromomethane	7.580	93	41844	52.697	ug/l	100
47) Bromodichloromethane	7.818	83	86915	55.574	ug/l	100
48) Methyl methacrylate	7.690	41	76728	57.664	ug/l	98
49) 1,4-Dioxane	7.659	88	26511	1049.342	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	491581	284.246	ug/l	99
52) Toluene	8.714	92	131628	53.018	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	77152	55.500	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84964	55.300	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	53717	54.873	ug/l	98
56) Ethyl methacrylate	9.116	69	93196	59.733	ug/l	98
57) 1,3-Dichloropropane	9.305	76	94746	53.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	209966	263.968	ug/l	100
59) 2-Hexanone	9.427	43	364412	284.811	ug/l	100
60) Dibromochloromethane	9.519	129	61323	57.039	ug/l	98
61) 1,2-Dibromoethane	9.604	107	55381	54.430	ug/l	97
64) Tetrachloroethene	9.269	164	46379	51.541	ug/l	96
65) Chlorobenzene	10.073	112	144470	51.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	50742	53.383	ug/l	99
67) Ethyl Benzene	10.189	91	266848	54.383	ug/l	99
68) m/p-Xylenes	10.299	106	195095	108.710	ug/l	99
69) o-Xylene	10.640	106	95728	54.714	ug/l	96
70) Styrene	10.653	104	163839	57.165	ug/l	99
71) Bromoform	10.799	173	39132	54.834	ug/l #	99
73) Isopropylbenzene	10.957	105	259562	54.740	ug/l	99
74) N-amyl acetate	10.842	43	128177	54.704	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84522	50.866	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75988m	51.832	ug/l	
77) Bromobenzene	11.195	156	57485	52.219	ug/l	98
78) n-propylbenzene	11.299	91	302304	54.831	ug/l	100
79) 2-Chlorotoluene	11.360	91	189286	53.228	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	218239	55.092	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22564	50.109	ug/l	98
82) 4-Chlorotoluene	11.451	91	216234	54.831	ug/l	99
83) tert-Butylbenzene	11.713	119	215479	54.002	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	220248	54.903	ug/l	99
85) sec-Butylbenzene	11.890	105	269271	54.961	ug/l	100
86) p-Isopropyltoluene	12.006	119	220520	54.530	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	106200	52.860	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	107019	52.158	ug/l	99
89) n-Butylbenzene	12.329	91	194699	54.886	ug/l	100
90) Hexachloroethane	12.536	117	38406	53.906	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	106918	53.032	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19697	53.508	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	60736	52.451	ug/l	99
94) Hexachlorobutadiene	13.725	225	25728	50.873	ug/l	97
95) Naphthalene	13.774	128	227452	53.556	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62257	52.106	ug/l	99

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Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/22/2025

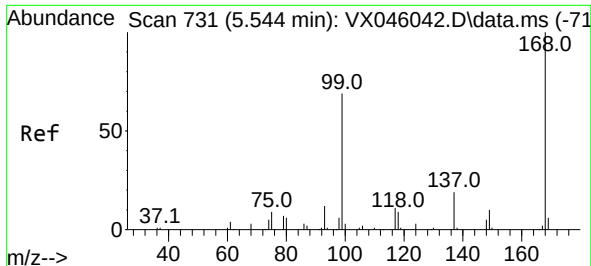
Quant Time: May 22 01:56:12 2025
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

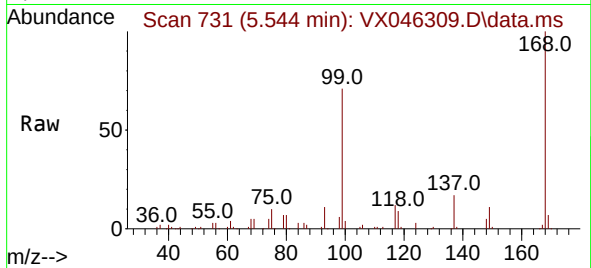
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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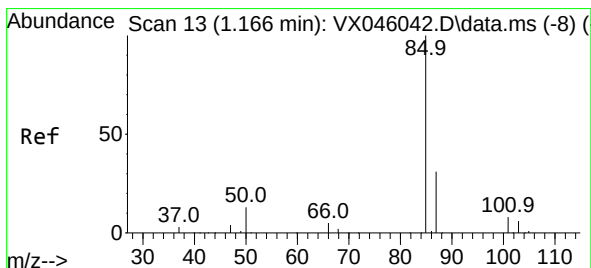
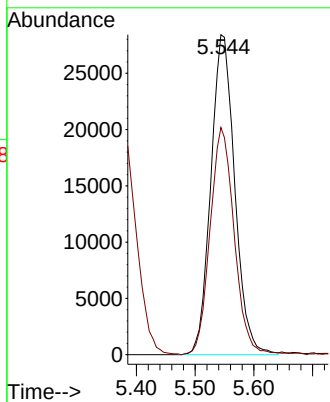
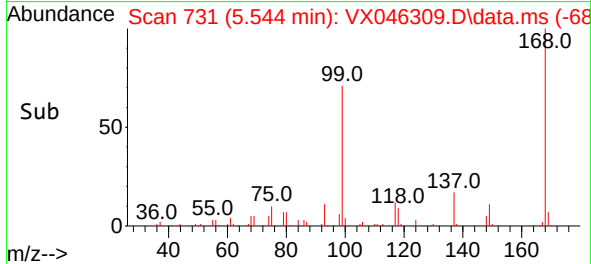
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 80304
Ion Ratio Lower Upper
168 100
99 70.8 54.9 82.3

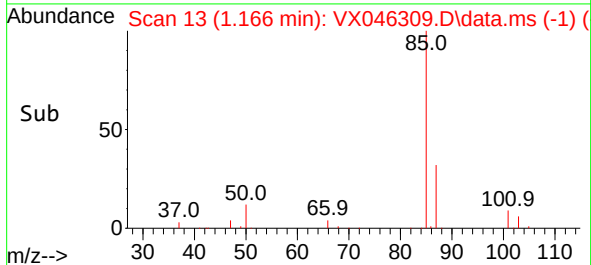
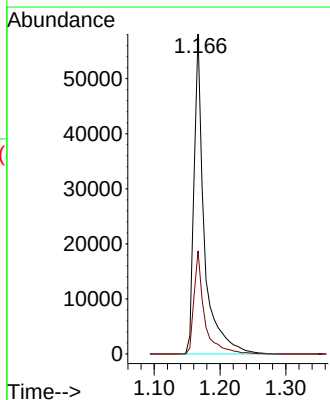
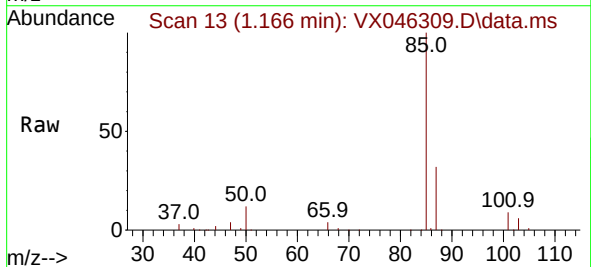
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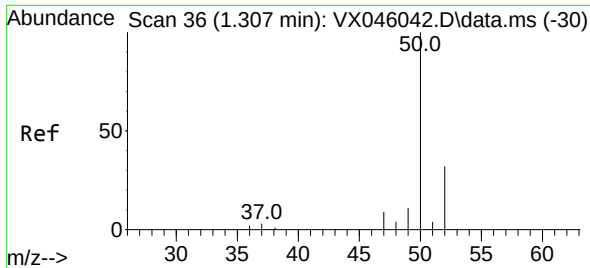
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#2
Dichlorodifluoromethane
Concen: 51.165 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion: 85 Resp: 62887
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.1





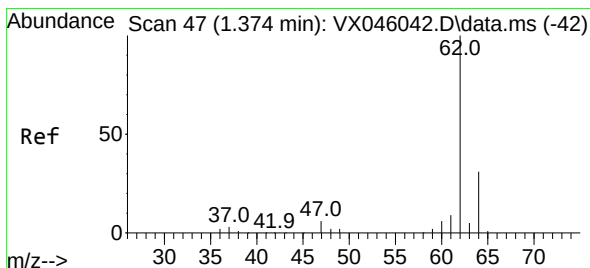
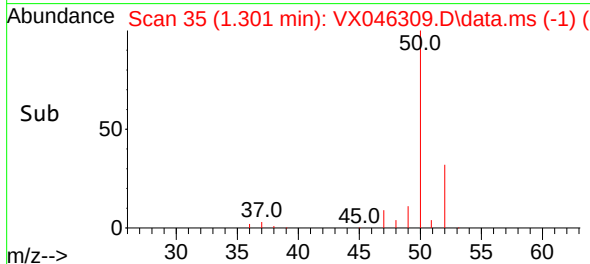
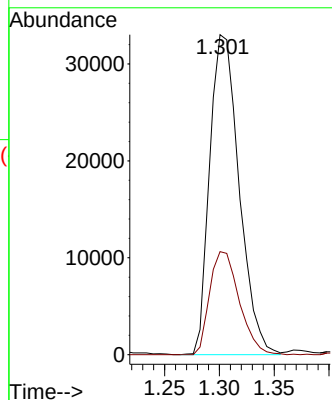
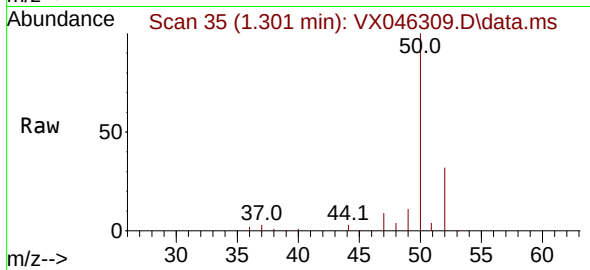
#3
Chloromethane
Concen: 51.783 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
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Tgt Ion: 50 Resp: 6172
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2

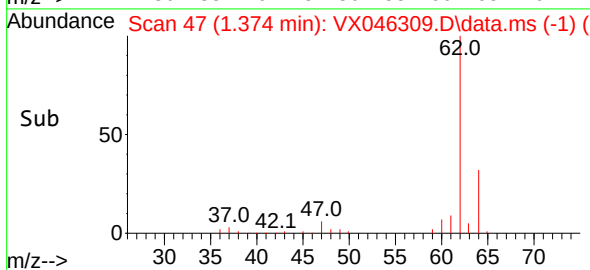
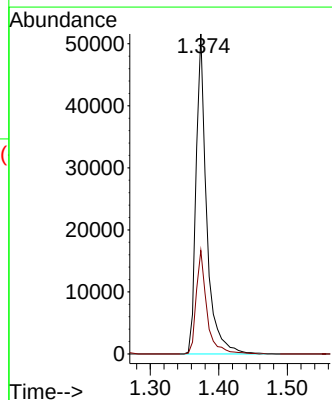
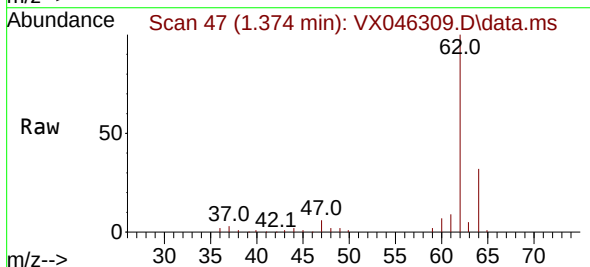
Manual Integrations
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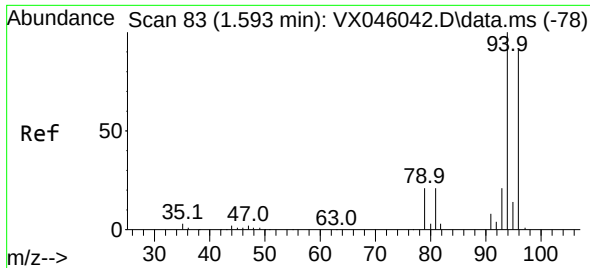
Reviewed By :John Carlone 05/22/2025
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#4
Vinyl Chloride
Concen: 50.048 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046309.D
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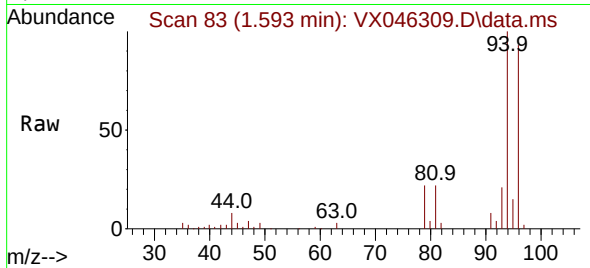
Tgt Ion: 62 Resp: 55519
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8





#5
Bromomethane
Concen: 50.896 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046309.D
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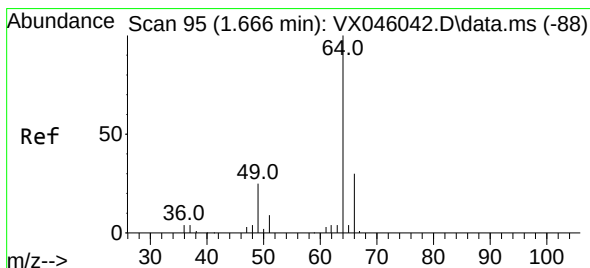
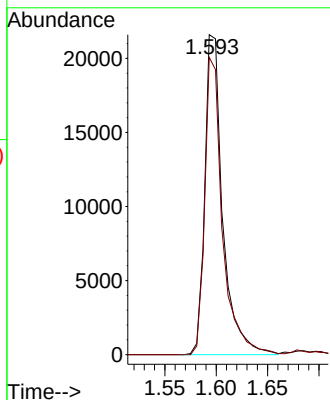
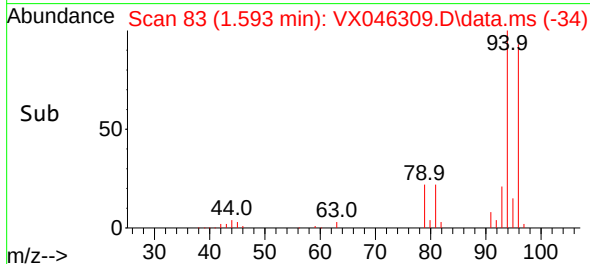
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Tgt Ion: 94 Resp: 2618
Ion Ratio Lower Upper
94 100
96 92.9 72.8 109.2

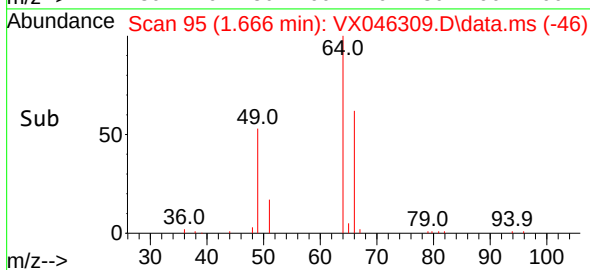
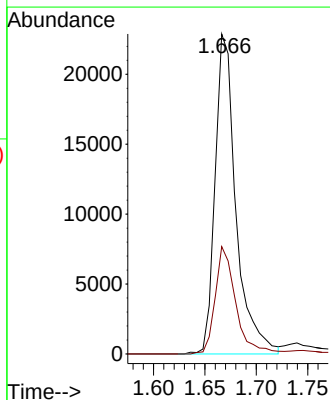
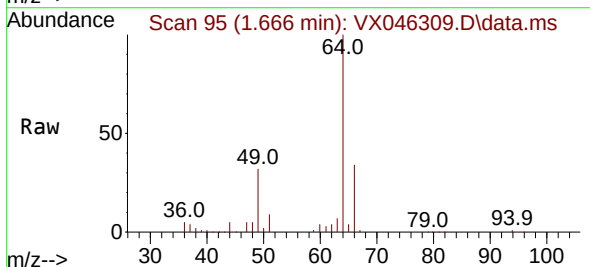
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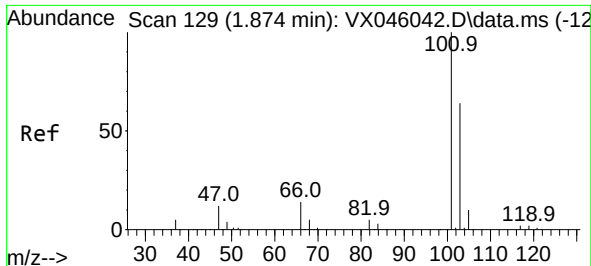
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#6
Chloroethane
Concen: 54.451 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046309.D
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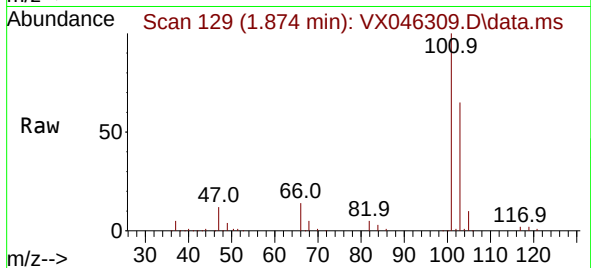
Tgt Ion: 64 Resp: 32246
Ion Ratio Lower Upper
64 100
66 33.5 24.3 36.5





#7
Trichlorofluoromethane
Concen: 53.263 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX046309.D
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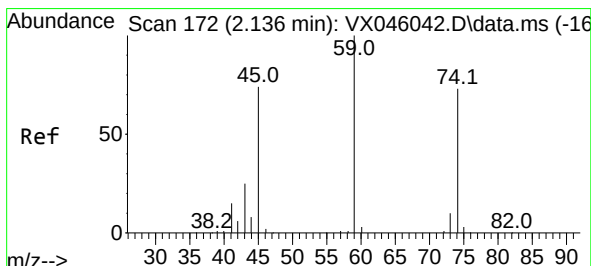
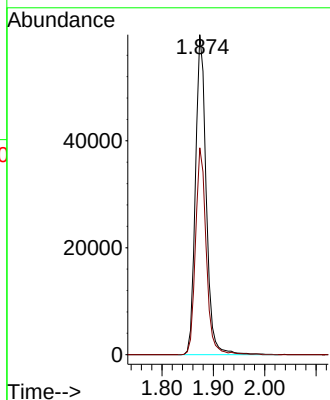
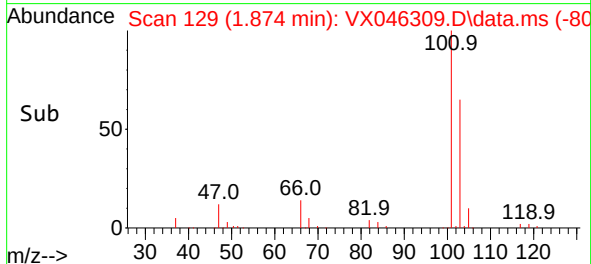
Instrument :
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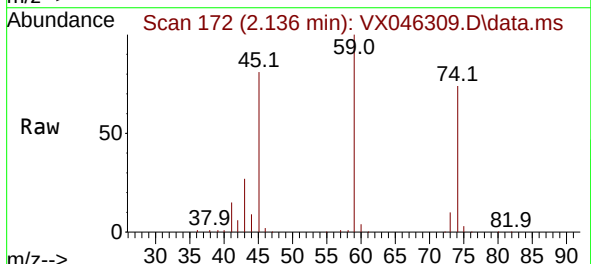
Tgt Ion:101 Resp: 8732
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4

Manual Integrations
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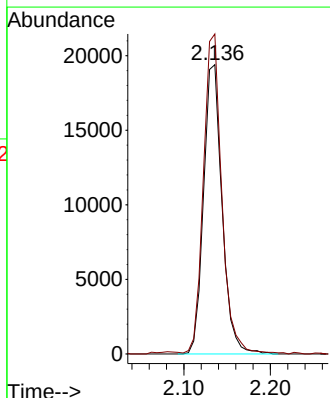
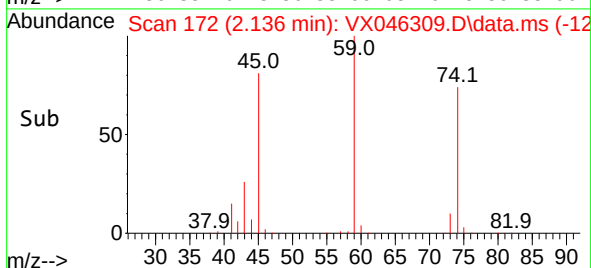
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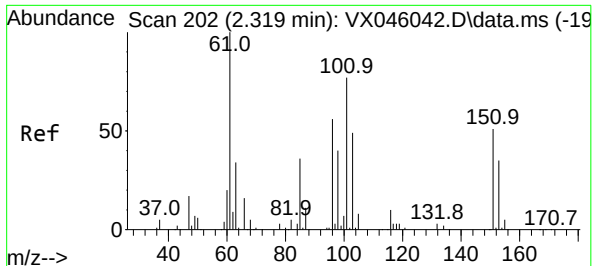


#8
Diethyl Ether
Concen: 51.546 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44



Tgt Ion: 74 Resp: 28768
Ion Ratio Lower Upper
74 100
45 110.4 54.9 164.8





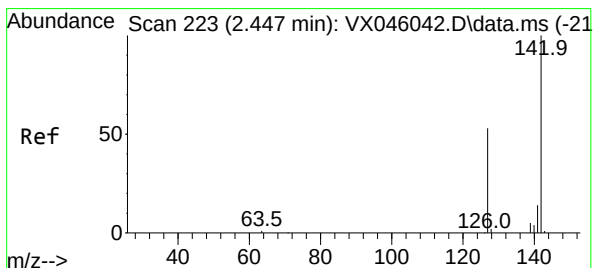
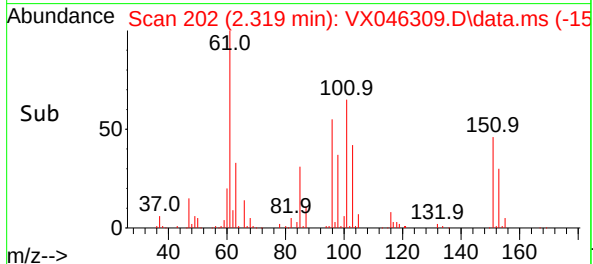
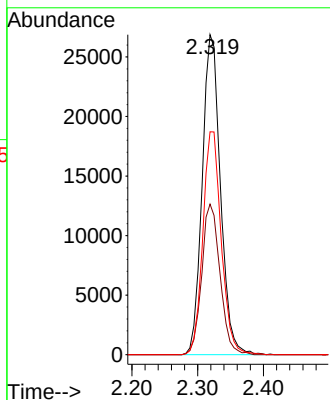
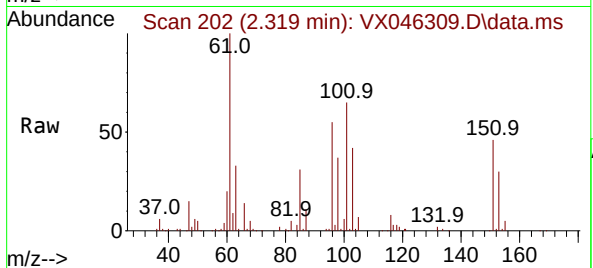
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1,1,2-Trichlorotrifluoroethane
Concen: 51.109 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 51854
Ion Ratio Lower Upper
101 100
85 47.1 38.6 58.0
151 70.3 55.2 82.8

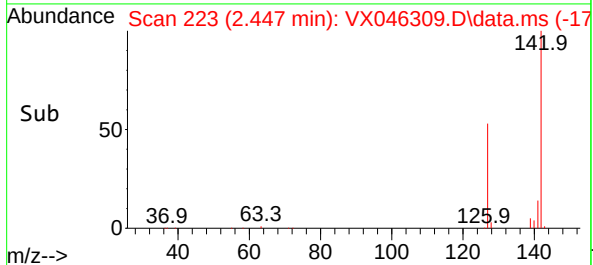
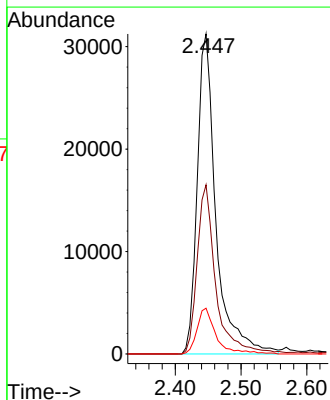
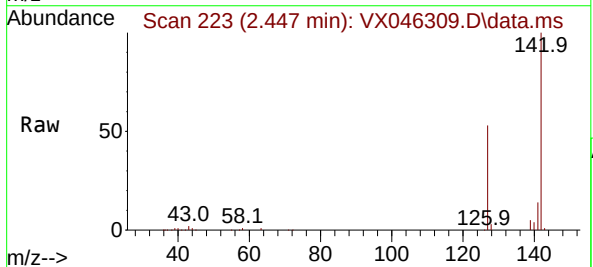
Manual Integrations
APPROVED

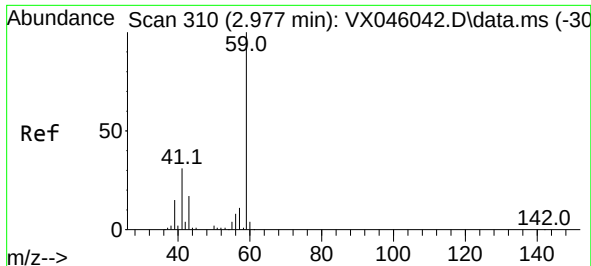
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#10
Methyl Iodide
Concen: 51.617 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

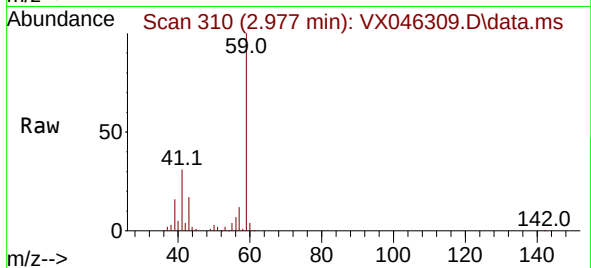
Tgt Ion:142 Resp: 61967
Ion Ratio Lower Upper
142 100
127 52.4 41.7 62.5
141 14.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 272.937 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

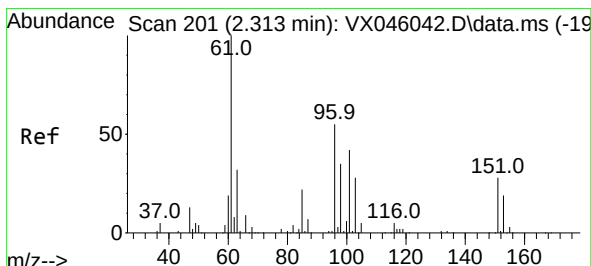
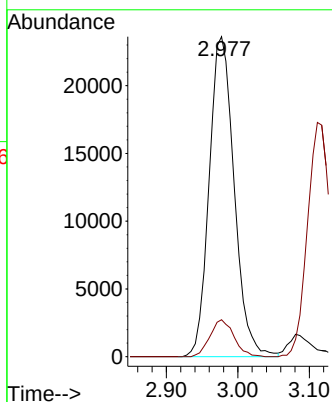
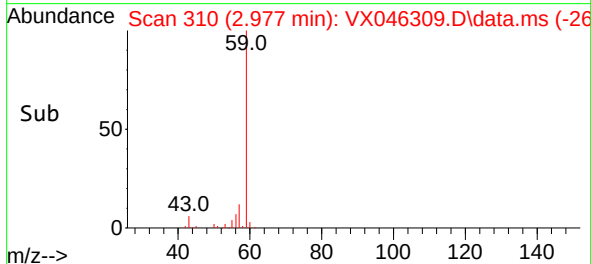
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



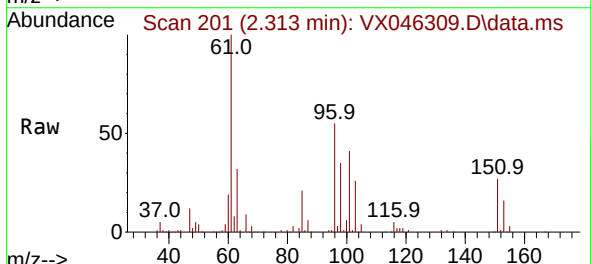
Tgt Ion: 59 Resp: 57358
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

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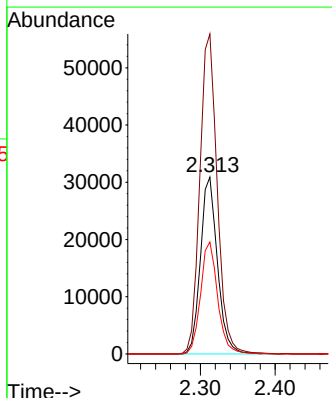
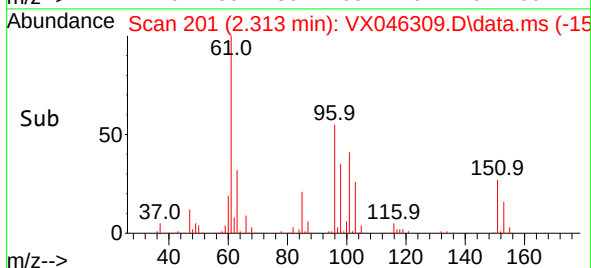
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

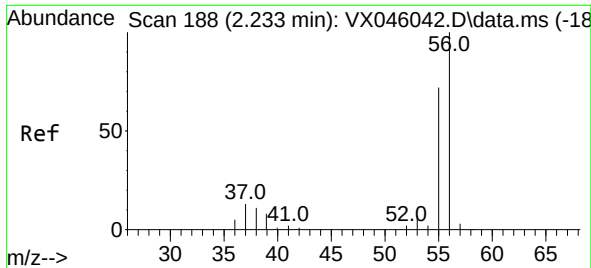


#12
1,1-Dichloroethene
Concen: 51.346 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44



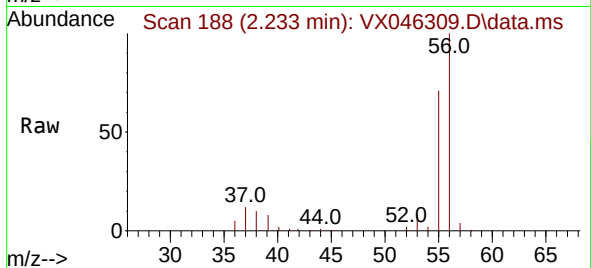
Tgt Ion: 96 Resp: 48892
Ion Ratio Lower Upper
96 100
61 181.1 146.2 219.2
98 63.4 51.0 76.6





#13
Acrolein
Concen: 304.004 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

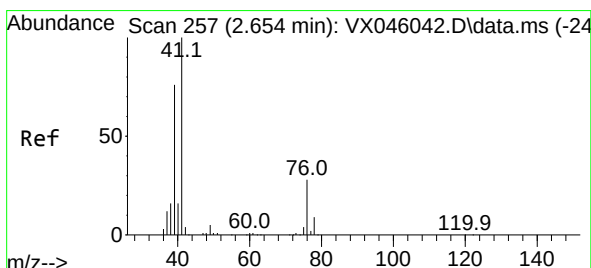
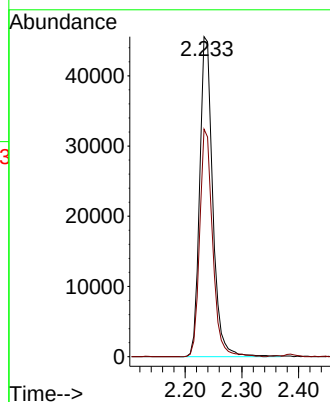
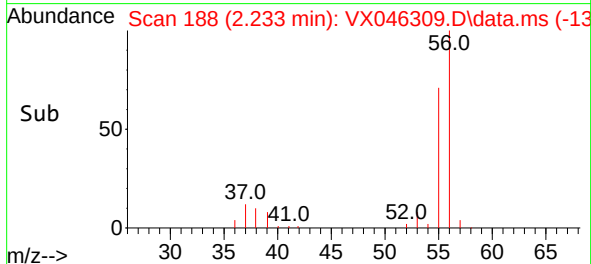
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7275
Ion Ratio Lower Upper
56 100
55 70.6 56.2 84.4

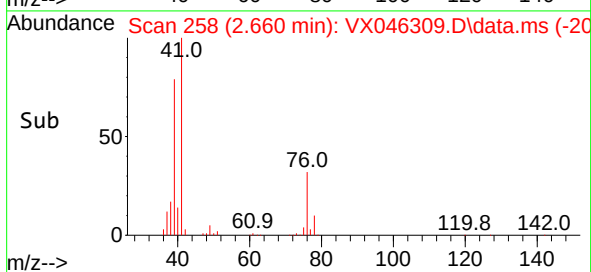
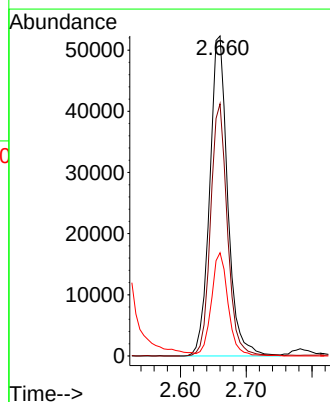
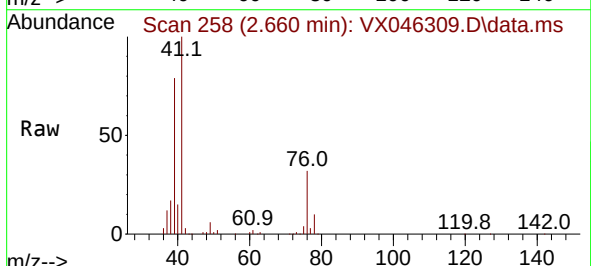
Manual Integrations
APPROVED

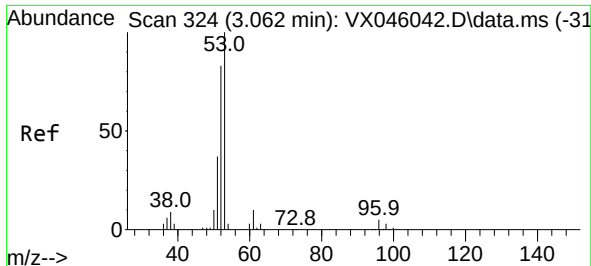
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#14
Allyl chloride
Concen: 54.976 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

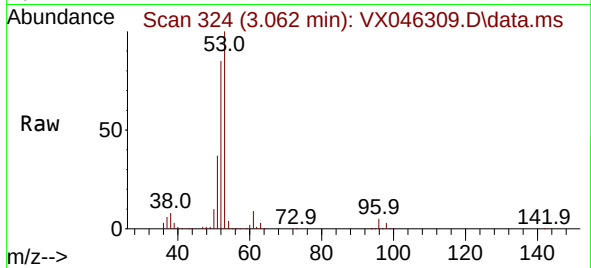
Tgt Ion: 41 Resp: 100048
Ion Ratio Lower Upper
41 100
39 73.4 60.6 90.8
76 29.9 24.9 37.3





#15
Acrylonitrile
Concen: 273.599 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

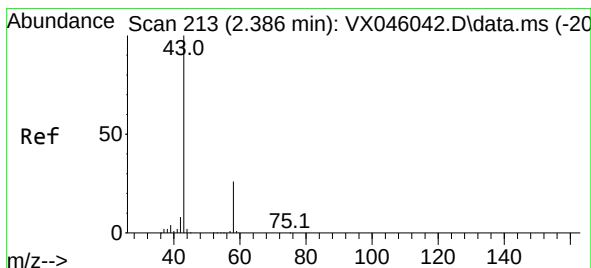
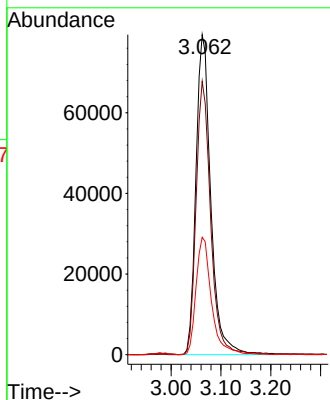
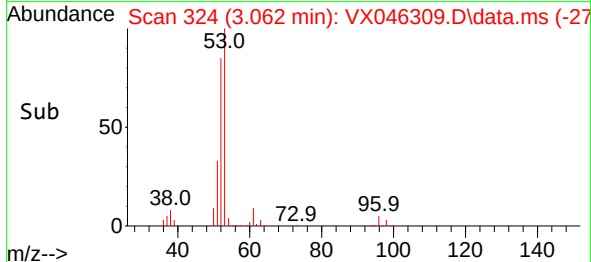
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 164409
Ion Ratio Lower Upper
53 100
52 83.8 65.3 97.9
51 37.8 29.8 44.8

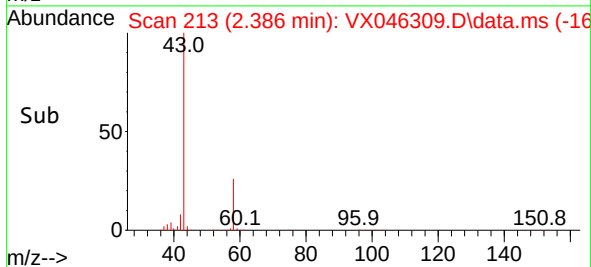
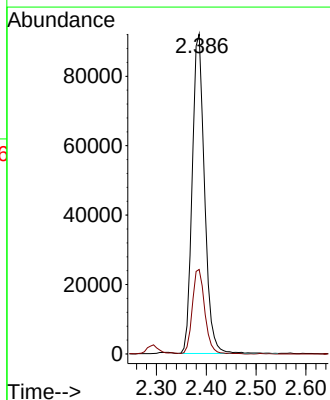
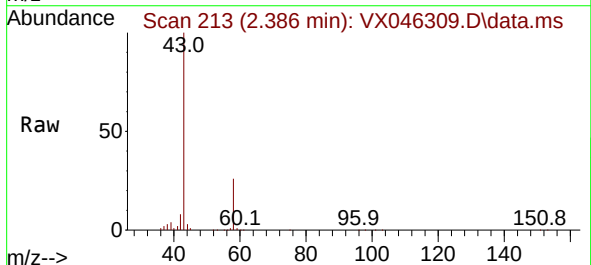
Manual Integrations
APPROVED

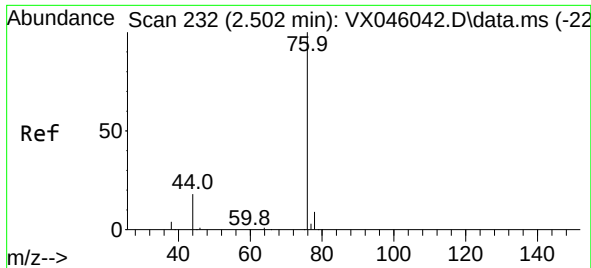
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#16
Acetone
Concen: 262.209 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion: 43 Resp: 157398
Ion Ratio Lower Upper
43 100
58 26.4 21.2 31.8





#17

Carbon Disulfide

Concen: 49.071 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 110770

Ion Ratio Lower Upper

76 100

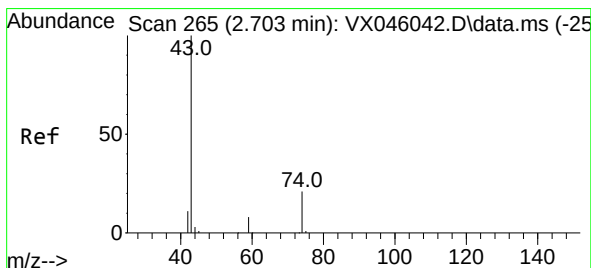
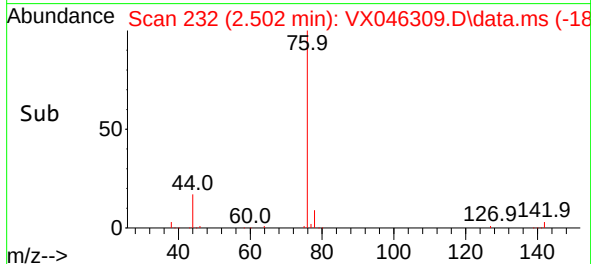
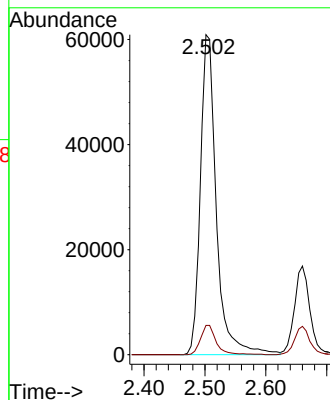
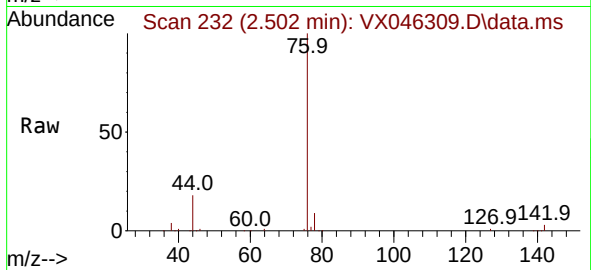
78 9.2 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#18

Methyl Acetate

Concen: 62.191 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046309.D

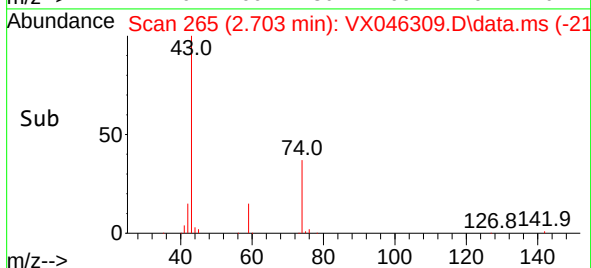
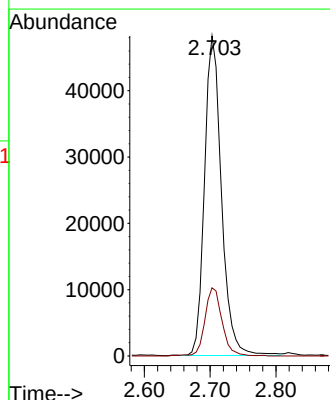
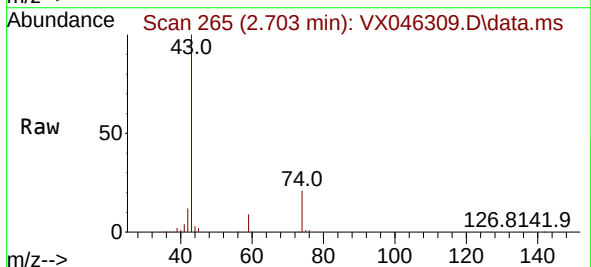
Acq: 21 May 2025 19:44

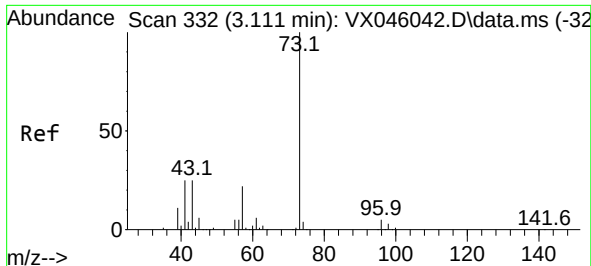
Tgt Ion: 43 Resp: 86630

Ion Ratio Lower Upper

43 100

74 21.4 16.7 25.1





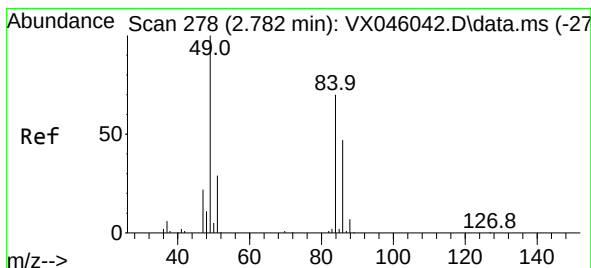
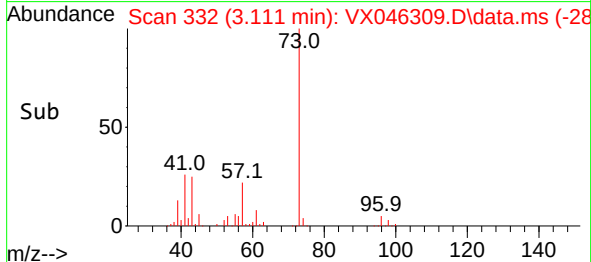
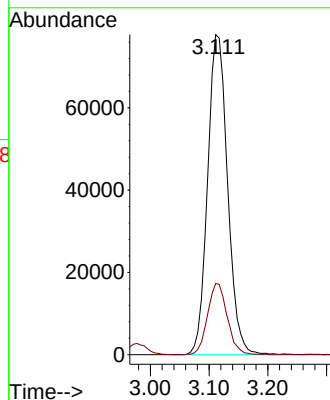
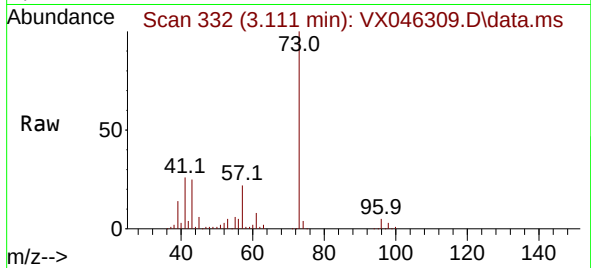
#19
Methyl tert-butyl Ether
Concen: 55.080 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 183878
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5

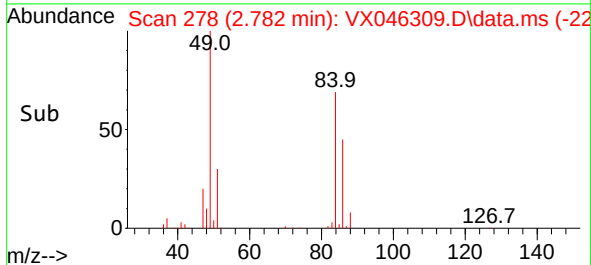
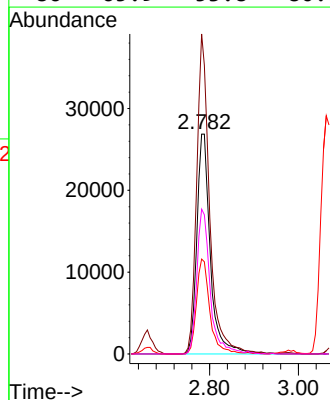
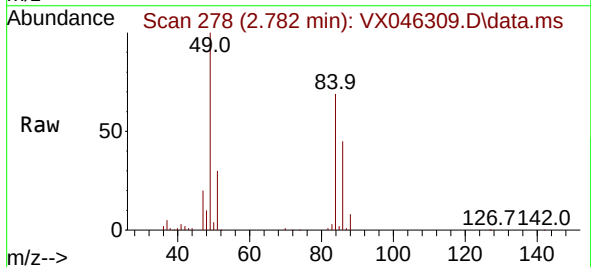
Manual Integrations
APPROVED

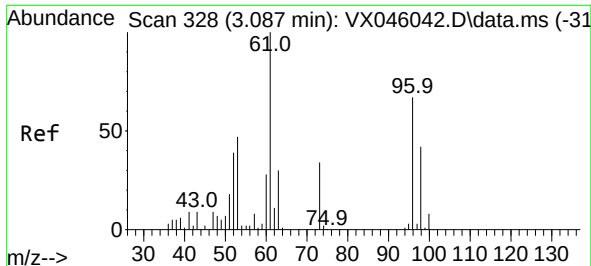
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#20
Methylene Chloride
Concen: 49.327 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

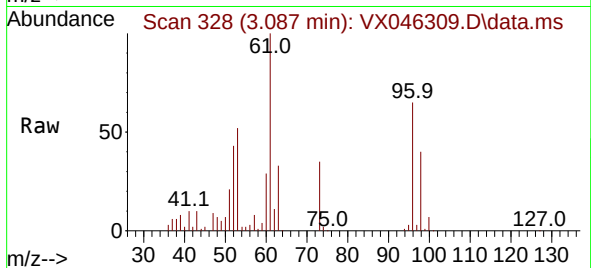
Tgt Ion: 84 Resp: 56742
Ion Ratio Lower Upper
84 100
49 145.5 113.9 170.9
51 43.1 33.5 50.3
86 65.9 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 51.069 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

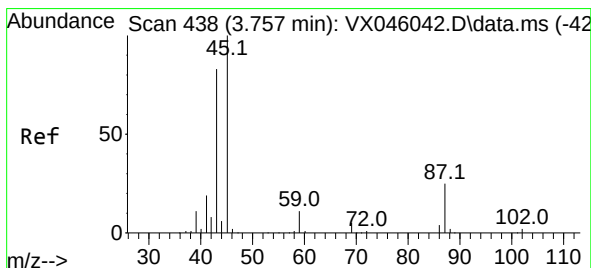
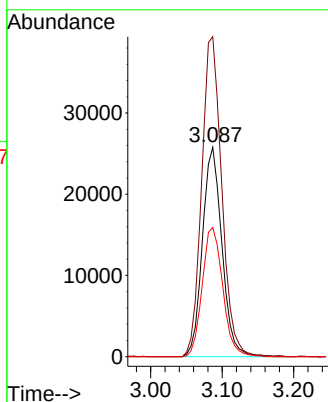
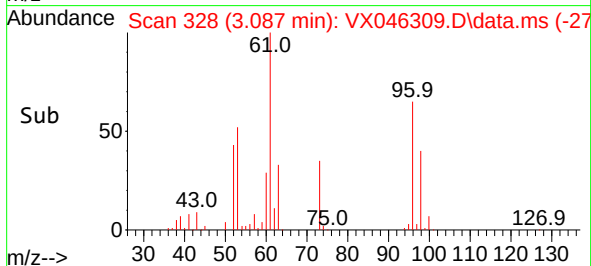
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 4890
Ion Ratio Lower Upper
96 100
61 152.9 119.5 179.3
98 61.7 50.0 75.0

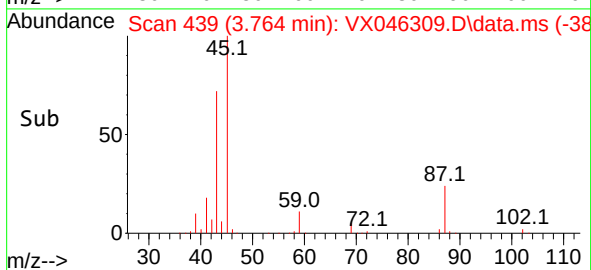
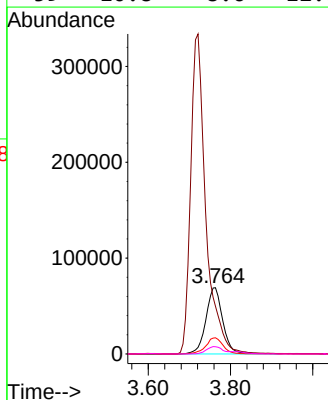
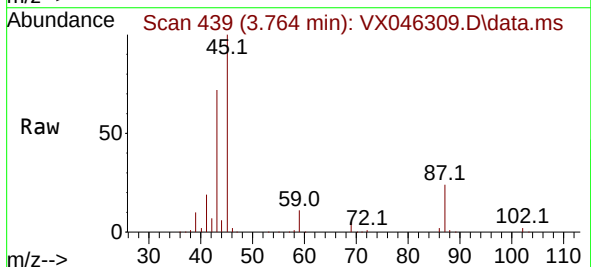
Manual Integrations
APPROVED

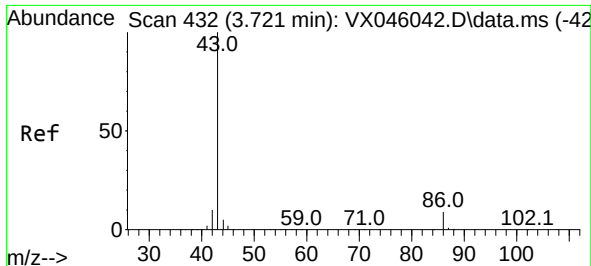
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#22
Diisopropyl ether
Concen: 55.824 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

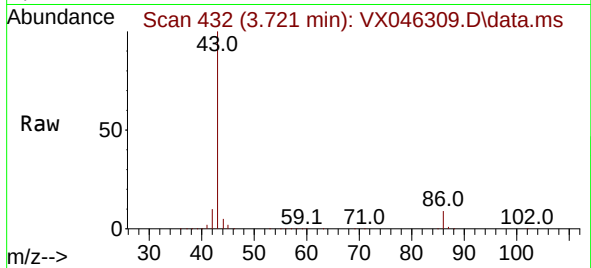
Tgt Ion: 45 Resp: 196237
Ion Ratio Lower Upper
45 100
43 71.8 66.6 100.0
87 24.5 19.8 29.6
59 10.8 8.6 12.8





#23
 Vinyl Acetate
 Concen: 277.142 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046309.D
 Acq: 21 May 2025 19:44

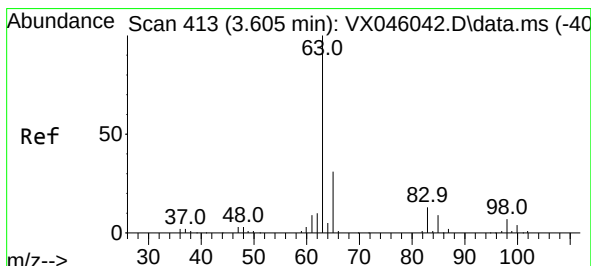
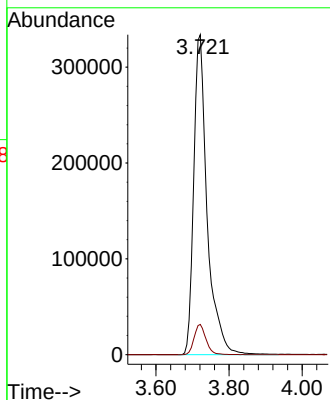
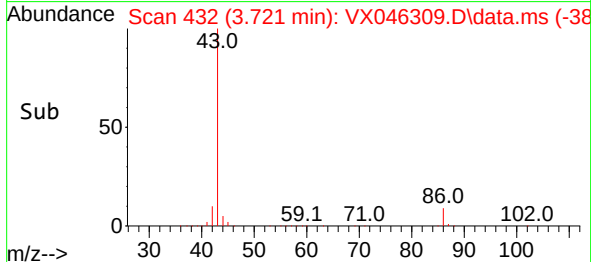
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



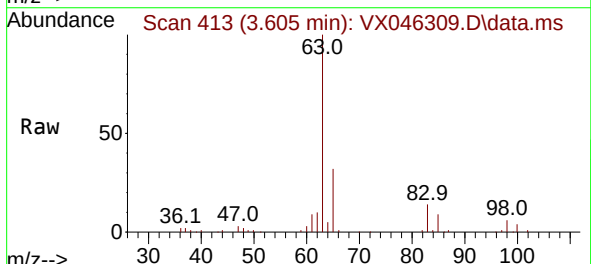
Tgt Ion: 43 Resp: 856870
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

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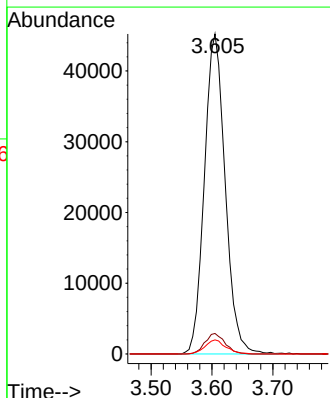
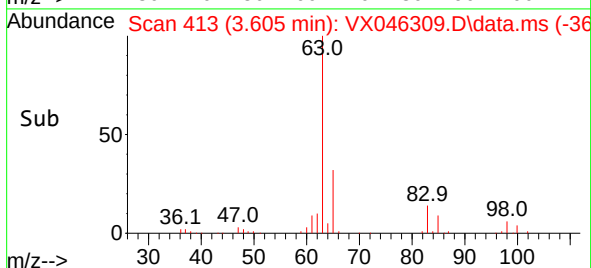
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

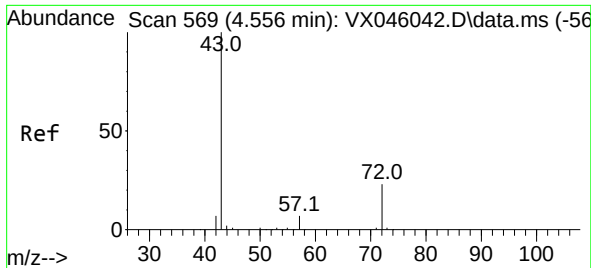


#24
 1,1-Dichloroethane
 Concen: 54.807 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046309.D
 Acq: 21 May 2025 19:44



Tgt Ion: 63 Resp: 107309
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.4 2.1 6.3





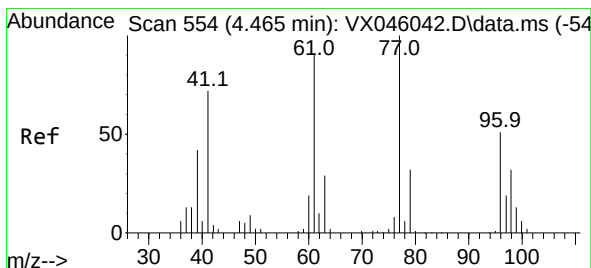
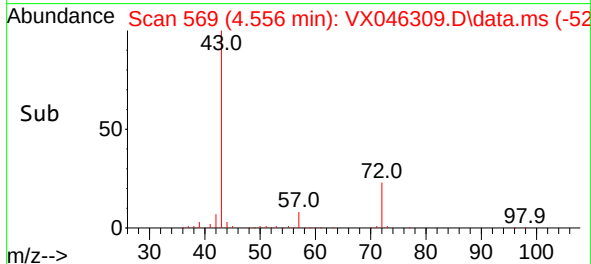
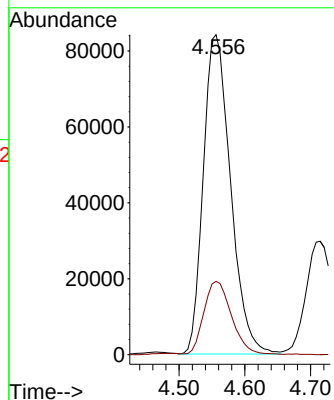
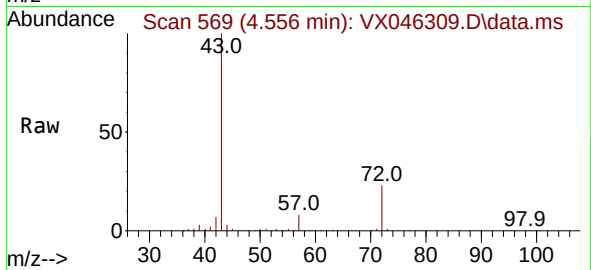
#25
2-Butanone
Concen: 278.542 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 24274
Ion Ratio Lower Upper
43 100
72 22.8 18.4 27.6

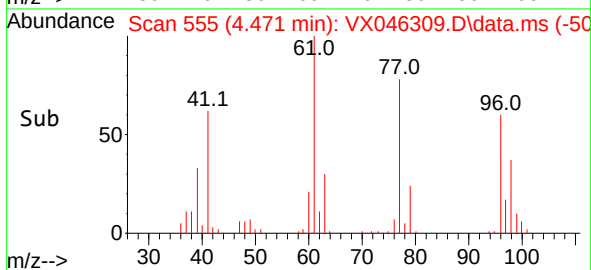
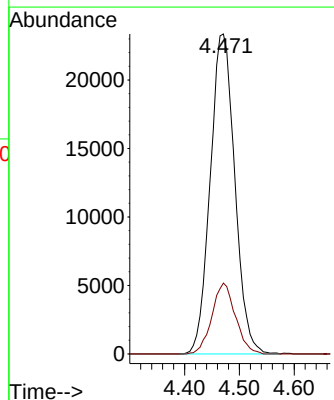
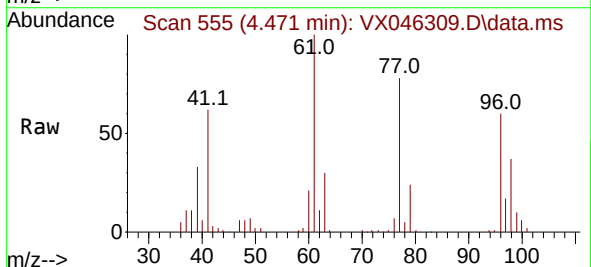
Manual Integrations
APPROVED

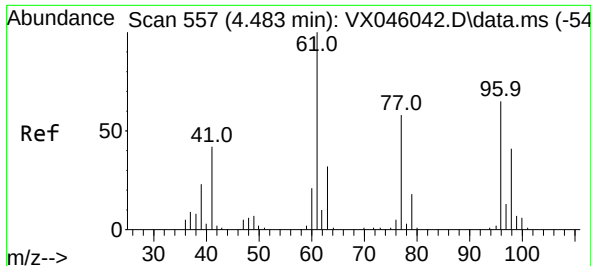
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#26
2,2-Dichloropropane
Concen: 47.433 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion: 77 Resp: 72690
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.789 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6200

Ion Ratio Lower Upper

96 100

61 160.2 0.0 322.8

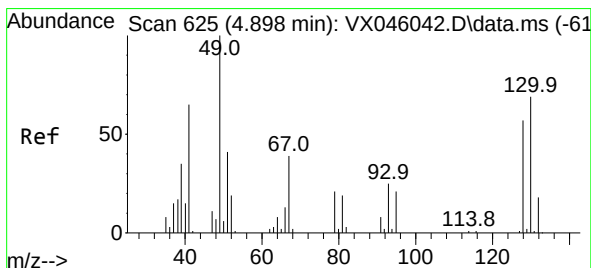
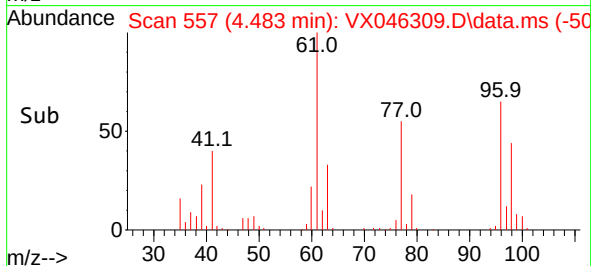
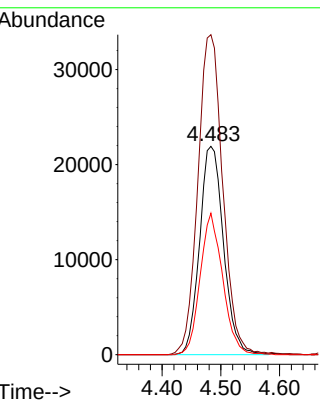
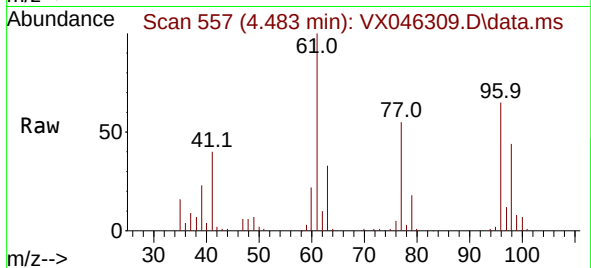
98 64.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#28

Bromochloromethane

Concen: 50.808 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

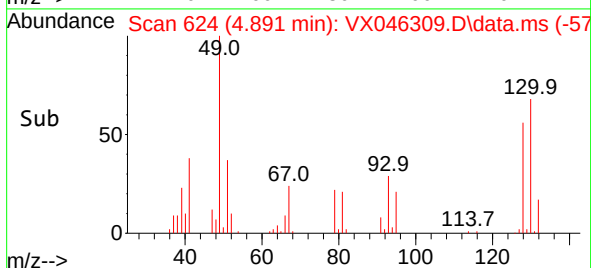
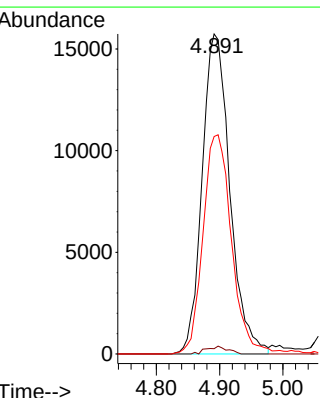
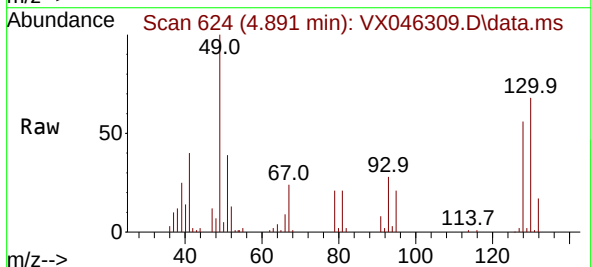
Tgt Ion: 49 Resp: 47884

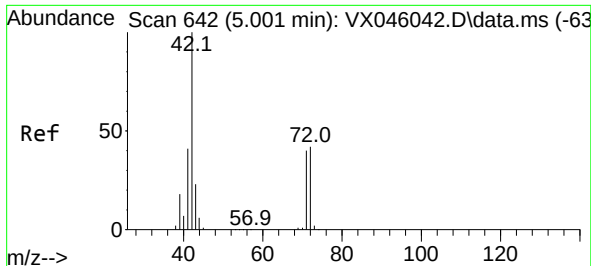
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 70.4 56.2 84.2





#29

Tetrahydrofuran

Concen: 279.438 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 15259

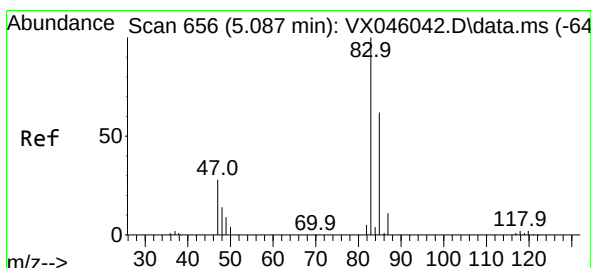
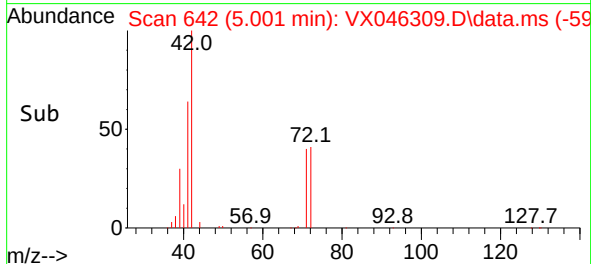
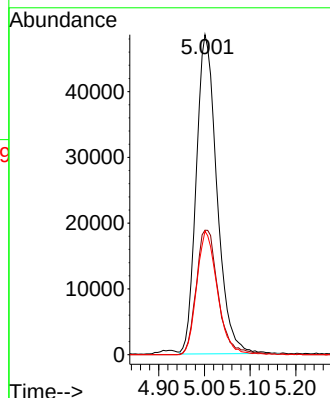
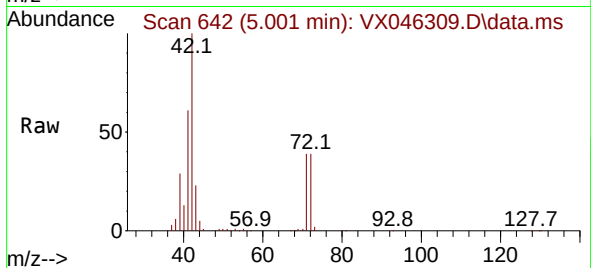
Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.7	50.5
71	38.7	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#30

Chloroform

Concen: 54.901 ug/l

RT: 5.086 min Scan# 656

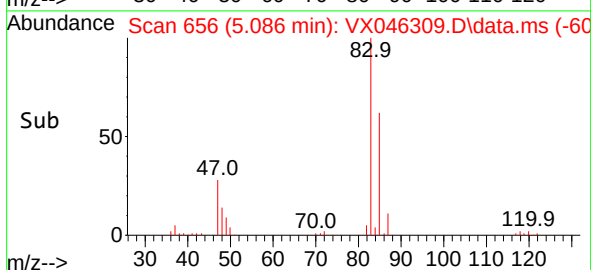
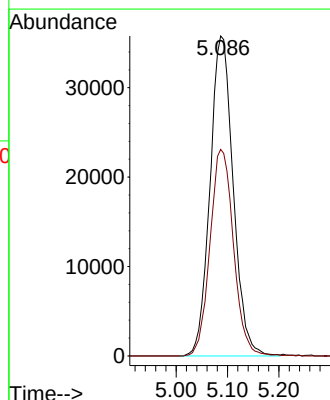
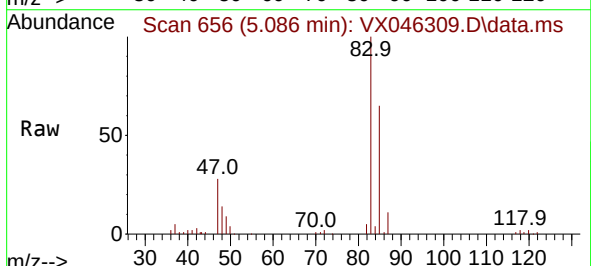
Delta R.T. -0.000 min

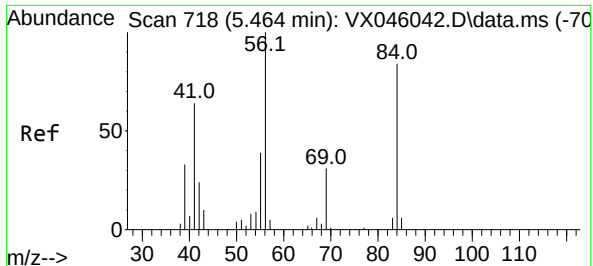
Lab File: VX046309.D

Acq: 21 May 2025 19:44

Tgt Ion: 83 Resp: 112040

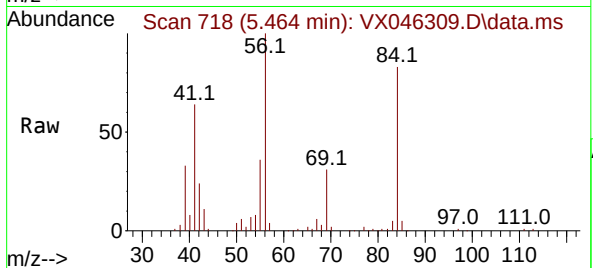
Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.3	73.9





#31
Cyclohexane
Concen: 53.304 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

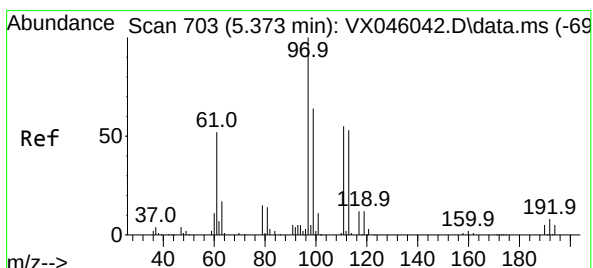
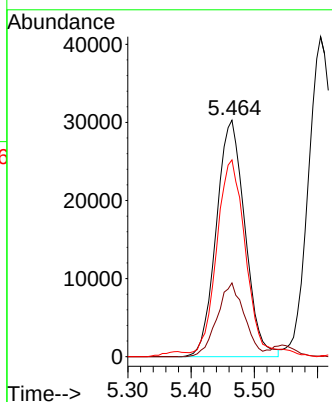
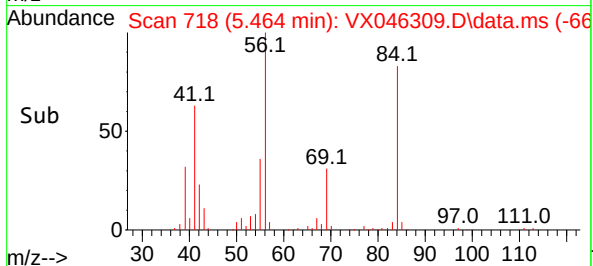
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



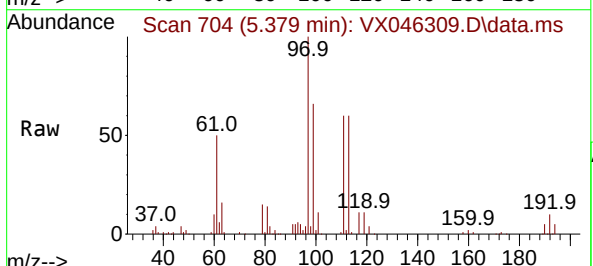
Tgt Ion: 56 Resp: 9510
Ion Ratio Lower Upper
56 100
69 31.2 24.4 36.6
84 81.0 66.9 100.3

Manual Integrations
APPROVED

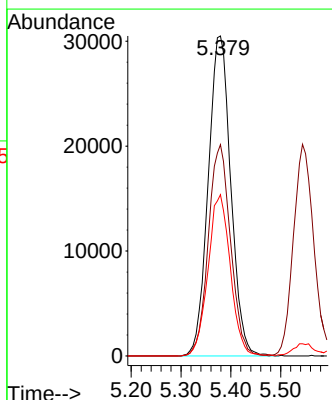
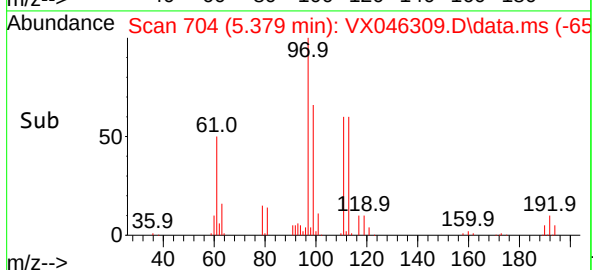
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

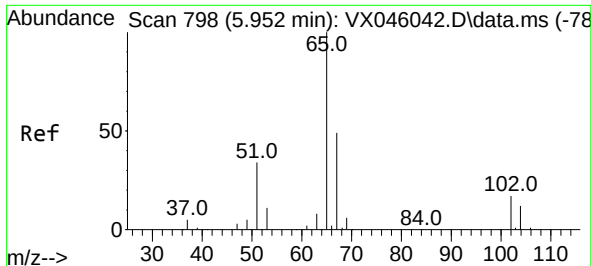


#32
1,1,1-Trichloroethane
Concen: 54.225 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44



Tgt Ion: 97 Resp: 95926
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 49.9 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 51.748 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7747

Ion Ratio Lower Upper

65 100

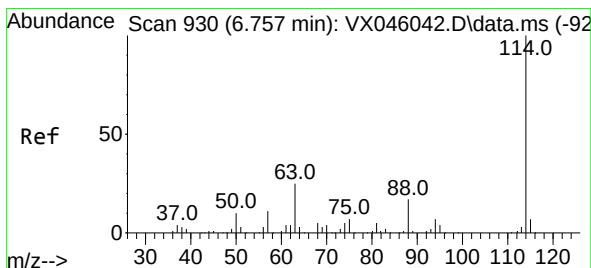
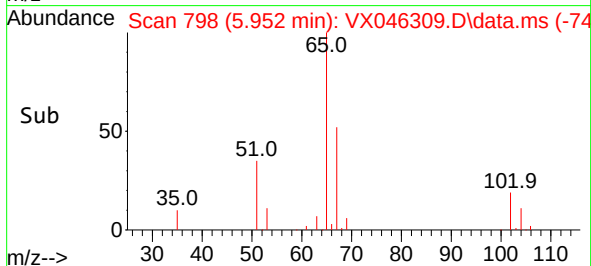
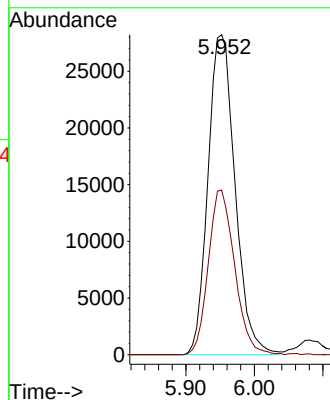
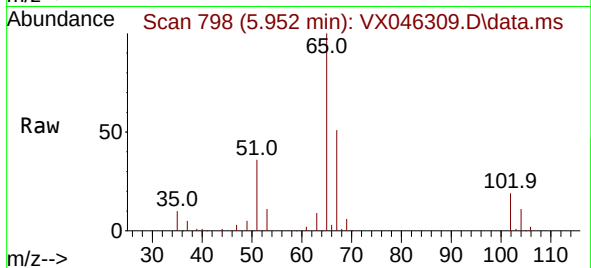
67 50.0 0.0 99.0

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: VX046309.D

Acq: 21 May 2025 19:44

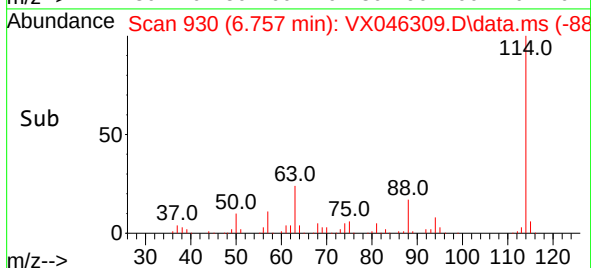
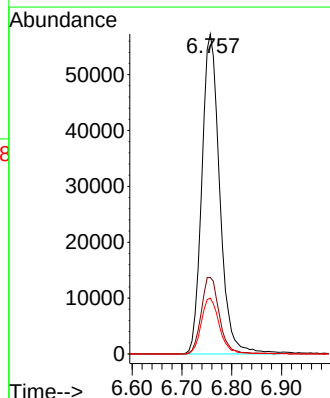
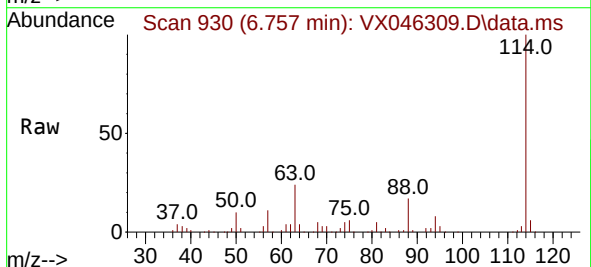
Tgt Ion:114 Resp: 142868

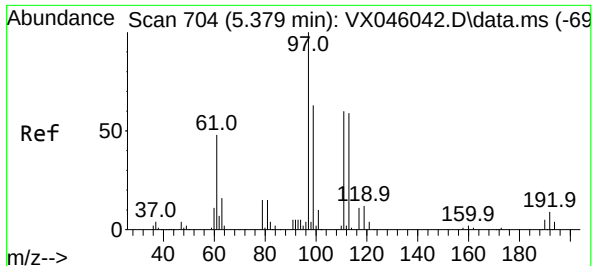
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

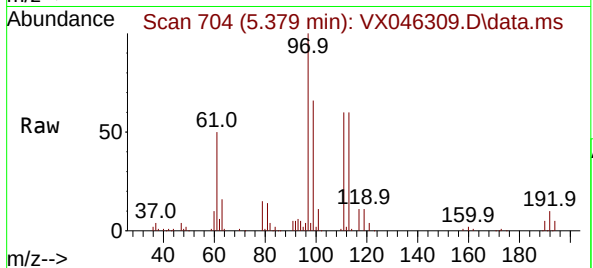
88 17.4 0.0 33.6





#35
Dibromofluoromethane
Concen: 52.481 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

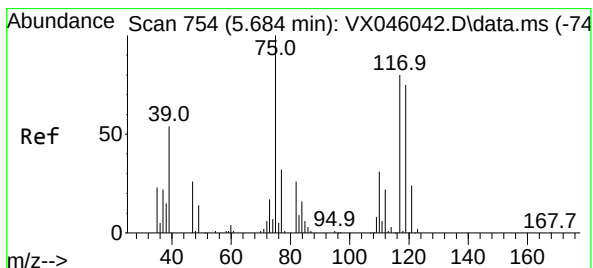
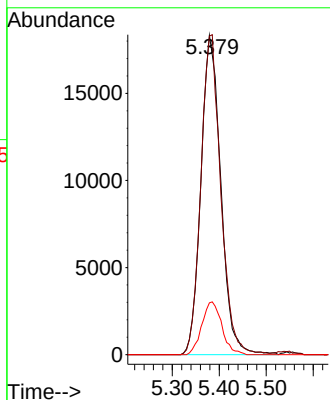
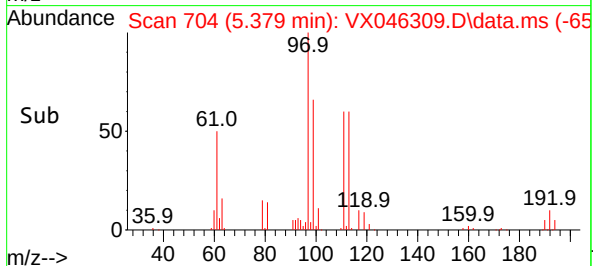
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 53992
Ion Ratio Lower Upper
113 100
111 100.1 83.1 124.7
192 16.6 13.3 19.9

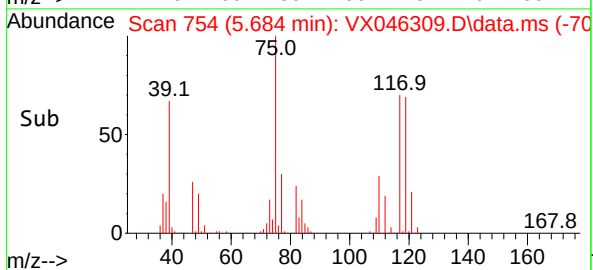
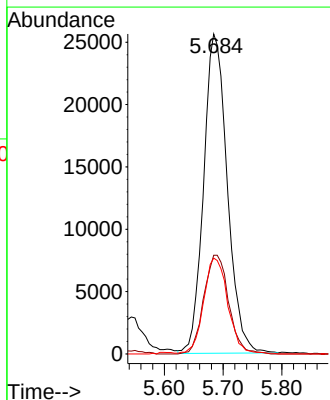
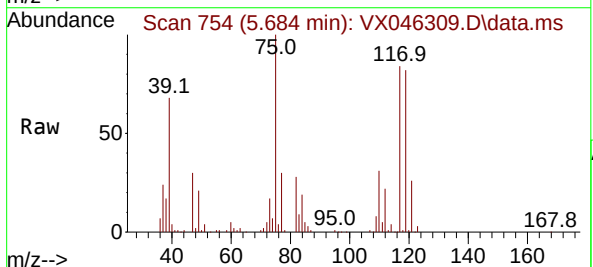
Manual Integrations
APPROVED

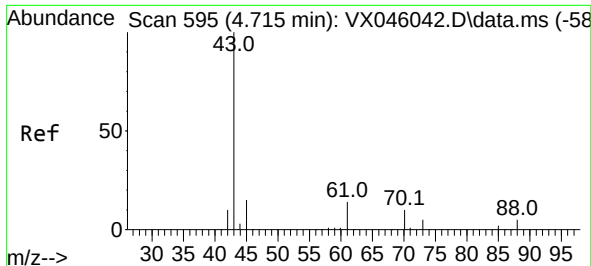
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#36
1,1-Dichloropropene
Concen: 51.965 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

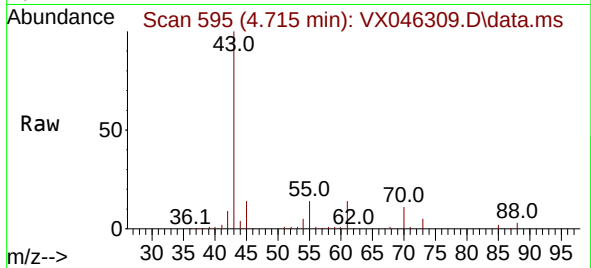
Tgt Ion: 75 Resp: 71831
Ion Ratio Lower Upper
75 100
110 32.4 16.3 48.9
77 30.8 24.3 36.5





#37
Ethyl Acetate
Concen: 53.811 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

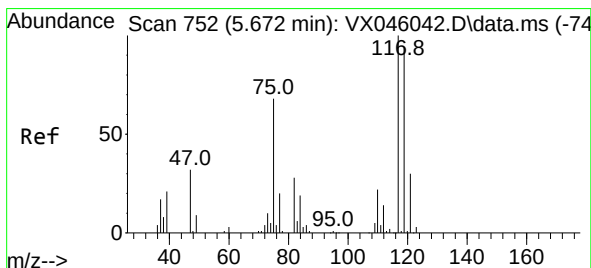
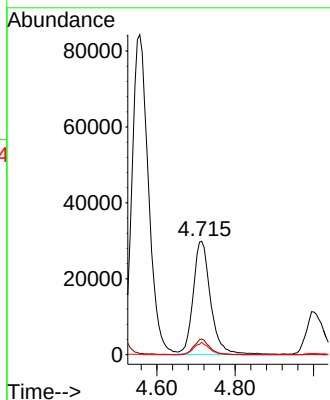
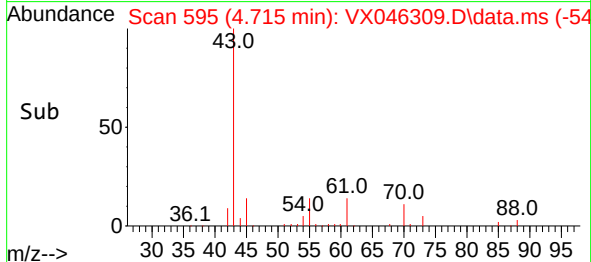
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 91900
Ion Ratio Lower Upper
43 100
61 12.6 10.3 15.5
70 9.6 7.9 11.9

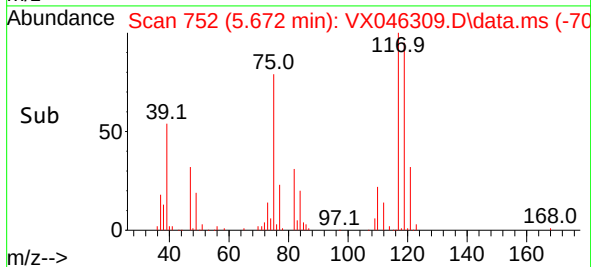
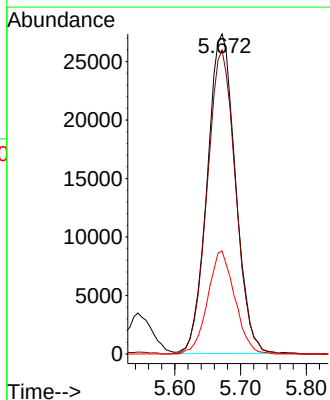
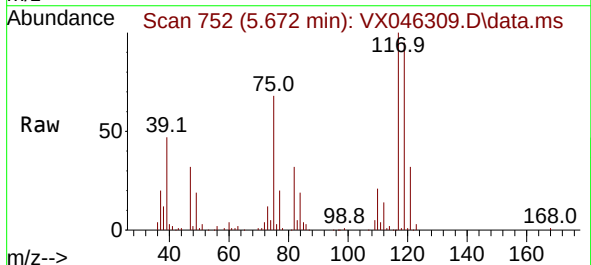
Manual Integrations
APPROVED

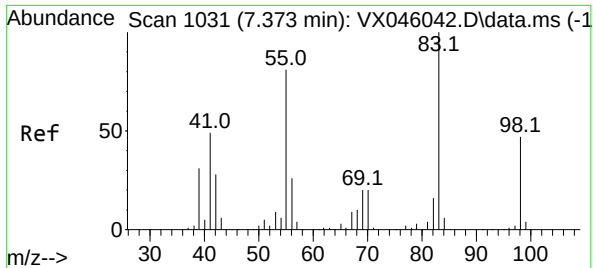
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#38
Carbon Tetrachloride
Concen: 52.550 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion:117 Resp: 81617
Ion Ratio Lower Upper
117 100
119 94.9 75.2 112.8
121 32.3 24.2 36.4





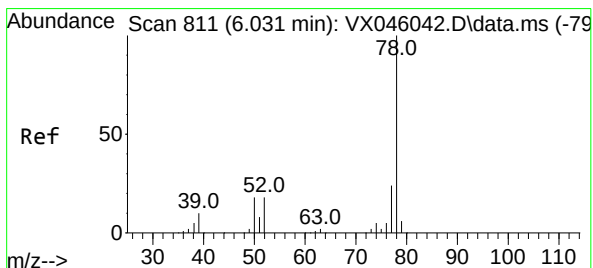
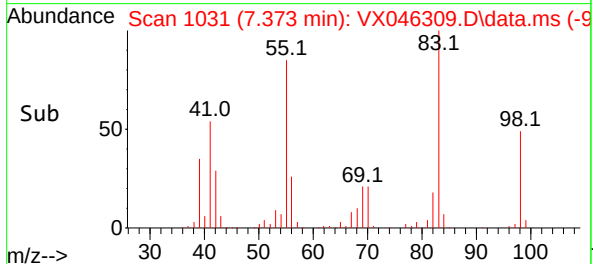
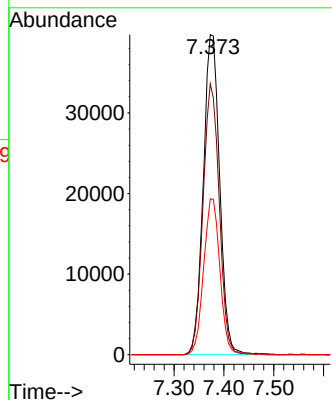
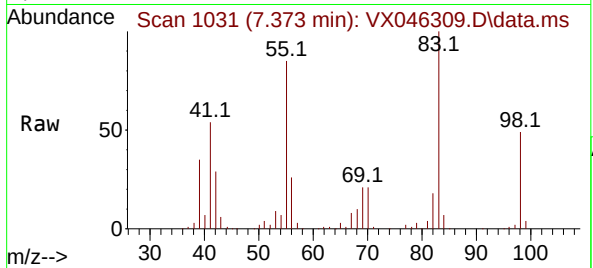
#39
Methylcyclohexane
Concen: 51.084 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90909
Ion Ratio Lower Upper
83 100
55 84.6 64.7 97.1
98 48.7 37.4 56.2

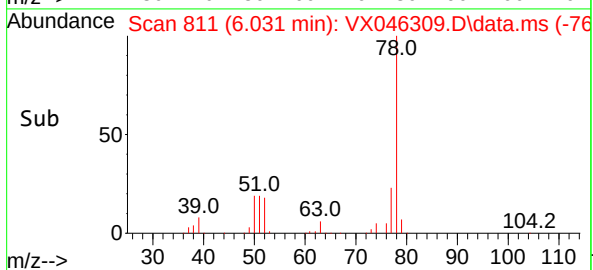
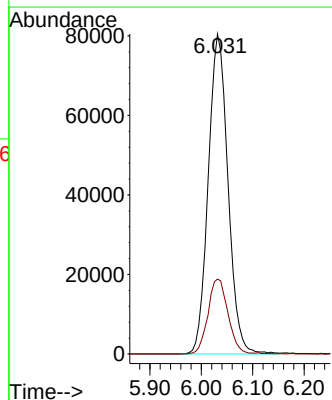
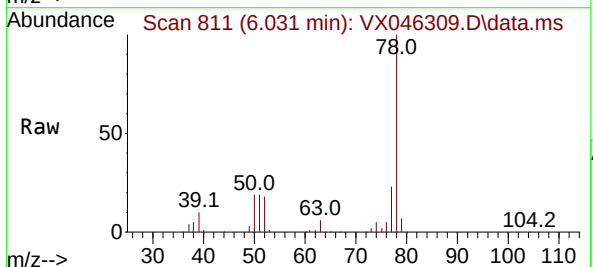
Manual Integrations
APPROVED

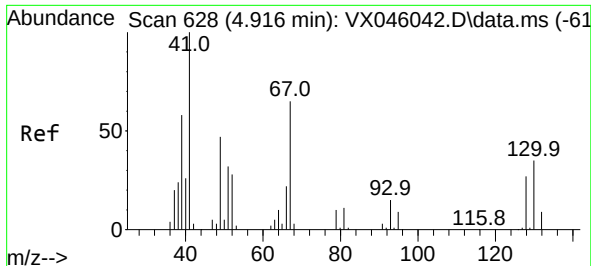
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#40
Benzene
Concen: 52.931 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

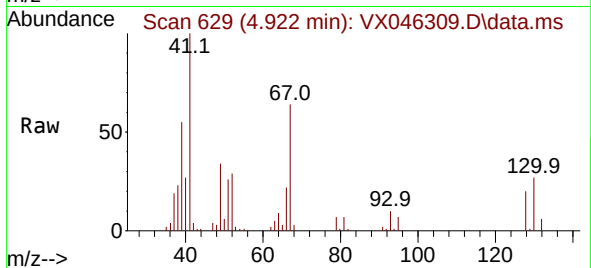
Tgt Ion: 78 Resp: 214309
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 57.703 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

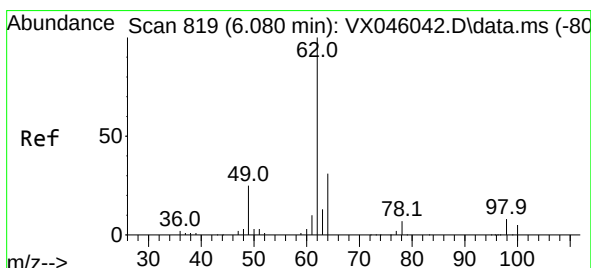
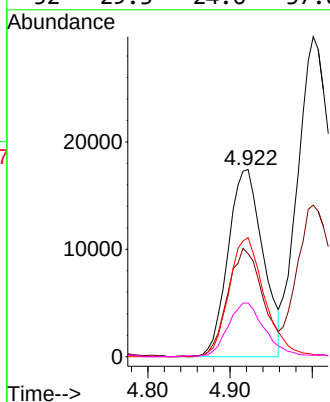
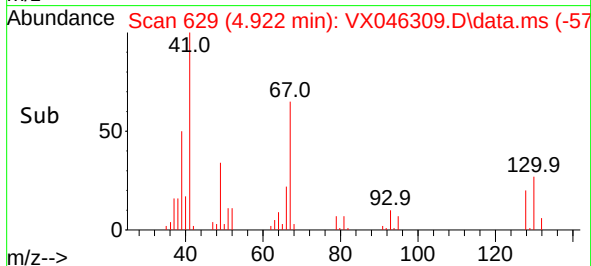
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5155
Ion Ratio Lower Upper
41 100
39 57.9 47.2 70.8
67 65.5 50.7 76.1
52 29.3 24.6 37.0

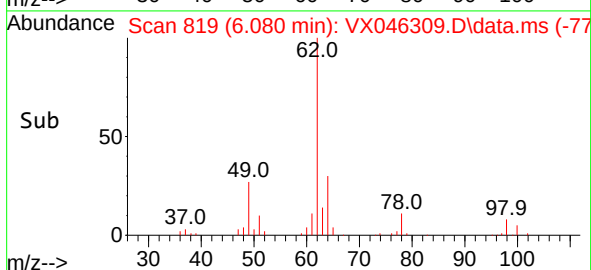
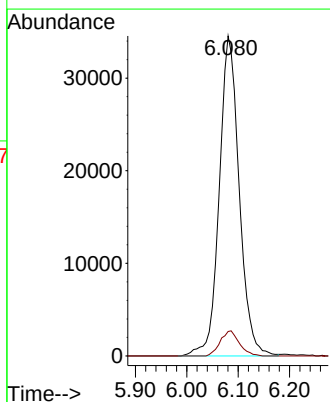
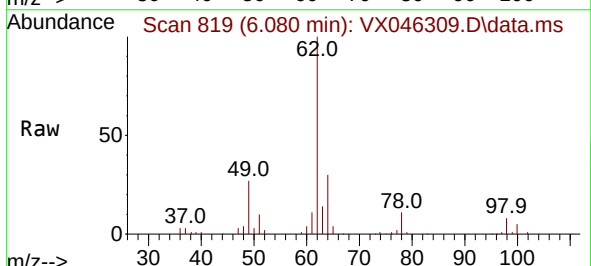
Manual Integrations
APPROVED

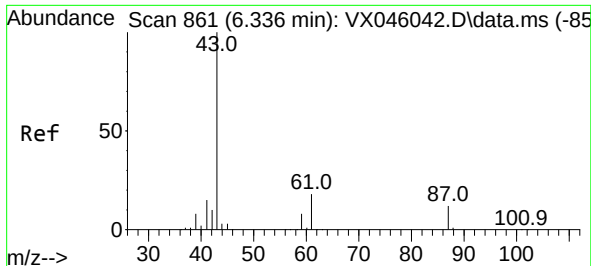
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#42
1,2-Dichloroethane
Concen: 53.339 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion: 62 Resp: 93208
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43

Isopropyl Acetate

Concen: 56.305 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX046309.D

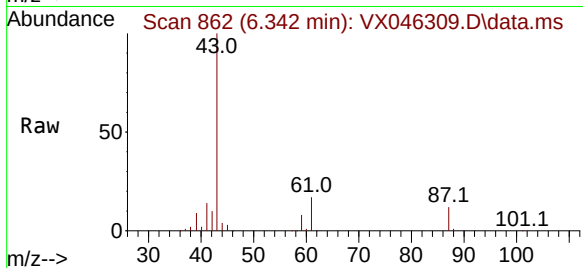
Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



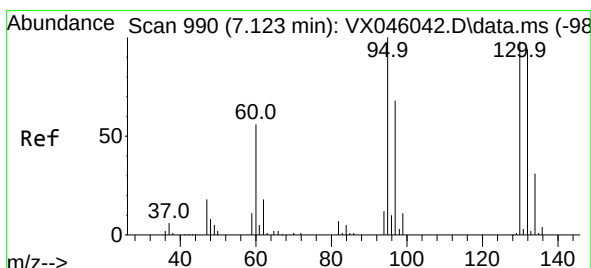
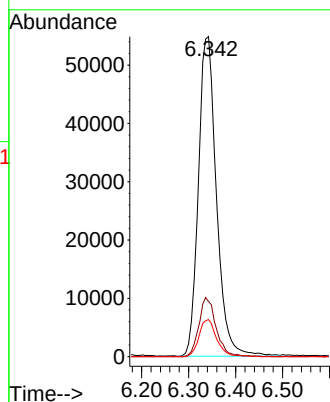
Tgt Ion: 43	Resp: 146690
Ion Ratio	Lower Upper
43	100
61	17.5 14.3 21.5
87	11.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#44

Trichloroethene

Concen: 52.934 ug/l

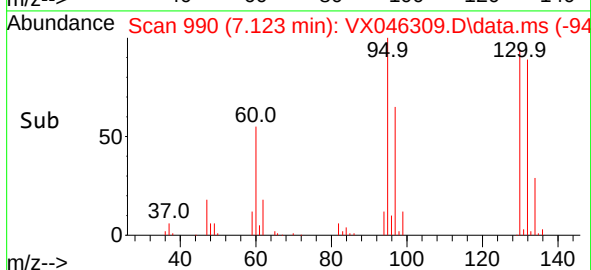
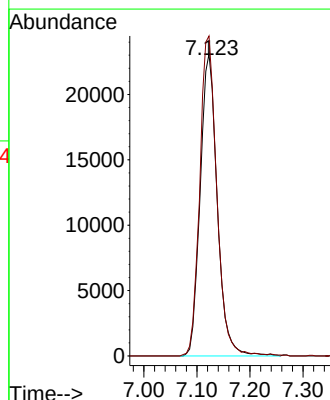
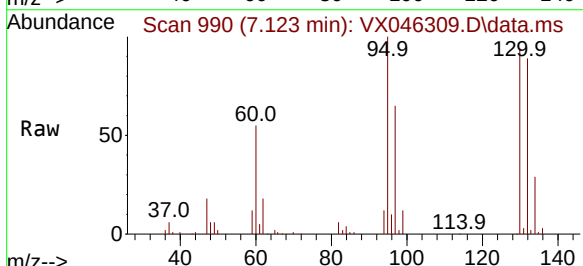
RT: 7.123 min Scan# 990

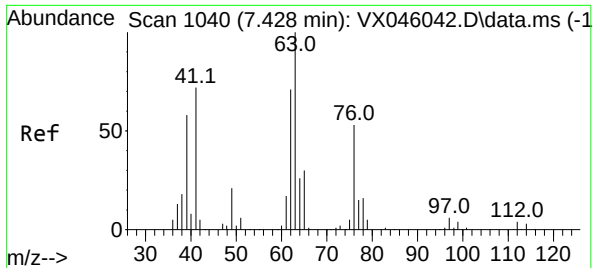
Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

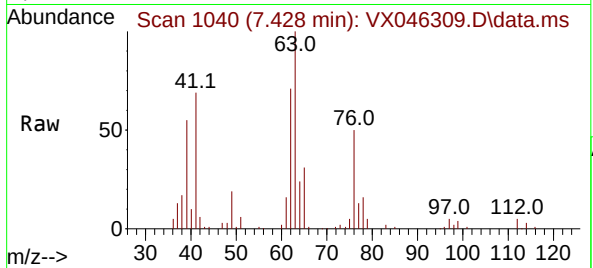
Tgt Ion:130	Resp: 51584
Ion Ratio	Lower Upper
130	100
95	106.0 0.0 204.2





#45
1,2-Dichloropropane
Concen: 55.522 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

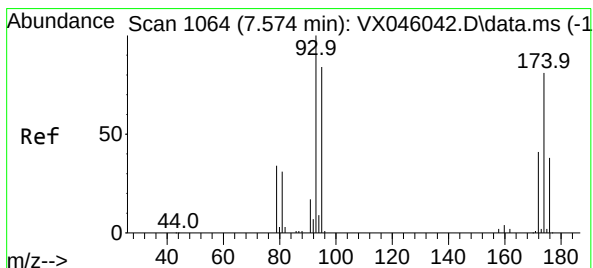
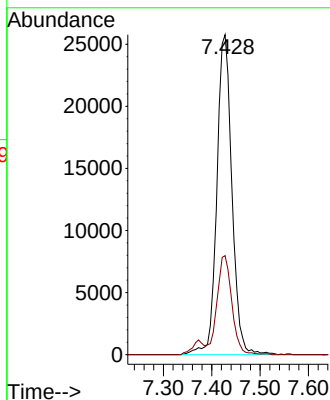
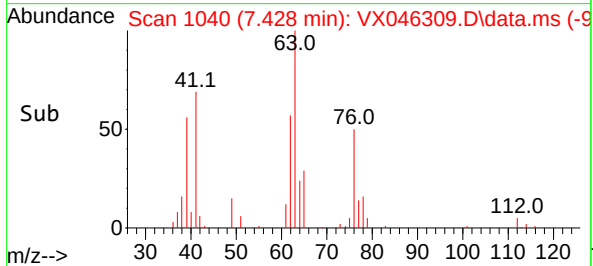
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



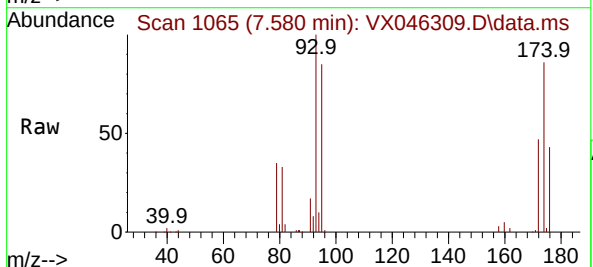
Tgt Ion: 63 Resp: 5589
Ion Ratio Lower Upper
63 100
65 30.9 24.1 36.1

Manual Integrations
APPROVED

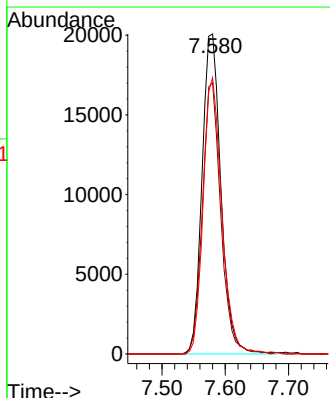
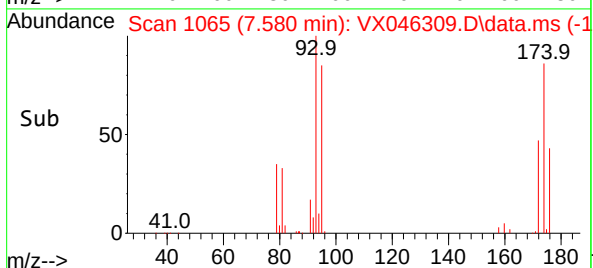
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

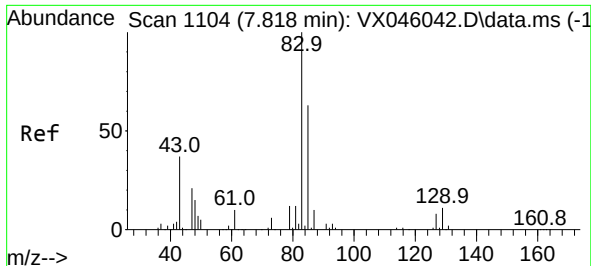


#46
Dibromomethane
Concen: 52.697 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44



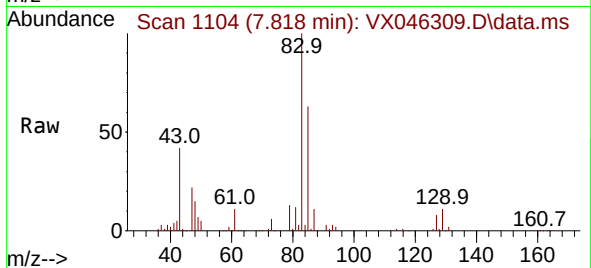
Tgt Ion: 93 Resp: 41844
Ion Ratio Lower Upper
93 100
95 82.4 65.6 98.4
174 85.1 68.2 102.2





#47
Bromodichloromethane
Concen: 55.574 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

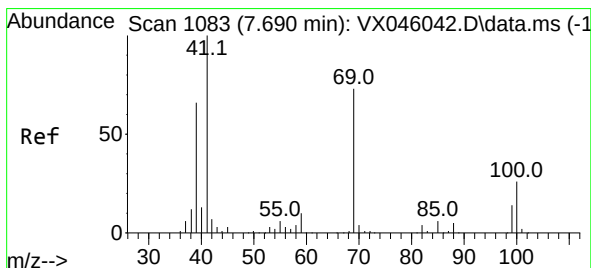
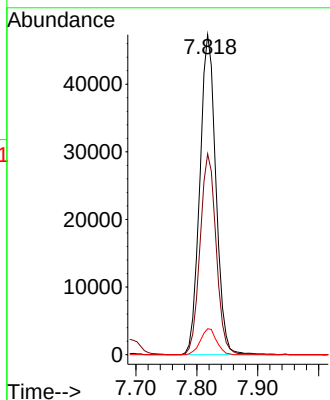
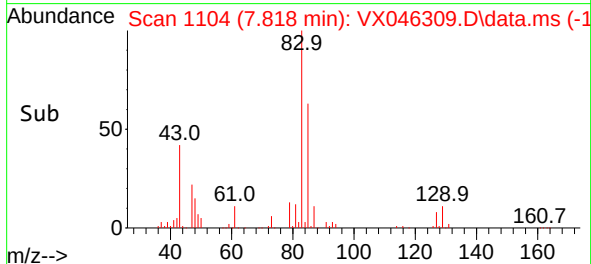
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



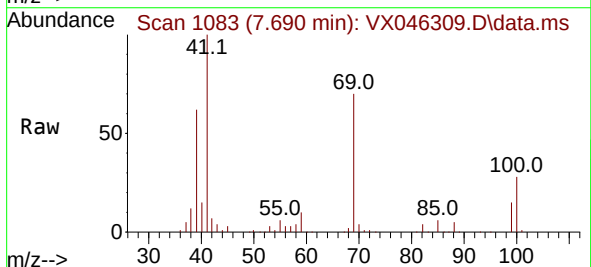
Tgt Ion: 83 Resp: 86915
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7
127 8.1 6.5 9.7

Manual Integrations
APPROVED

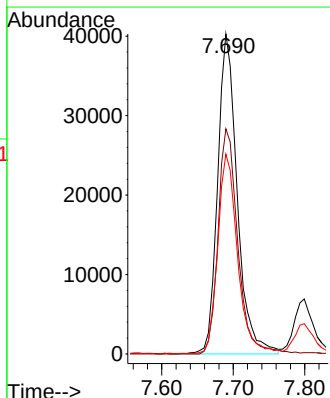
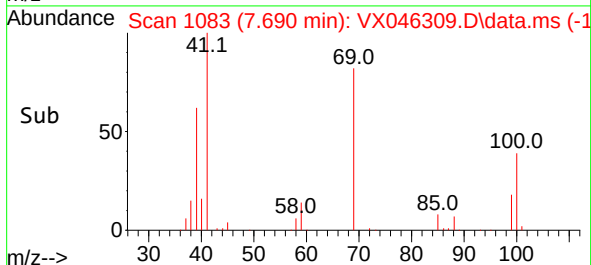
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

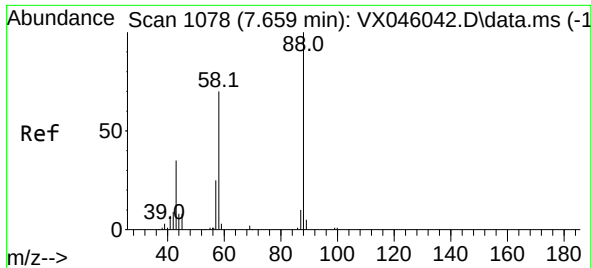


#48
Methyl methacrylate
Concen: 57.664 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44



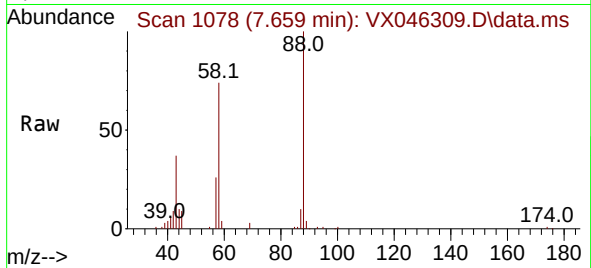
Tgt Ion: 41 Resp: 76728
Ion Ratio Lower Upper
41 100
69 71.0 58.5 87.7
39 62.8 51.7 77.5





#49
1,4-Dioxane
Concen: 1049.342 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

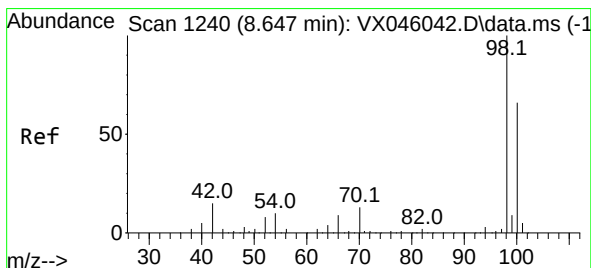
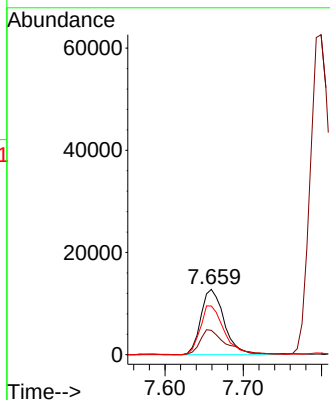
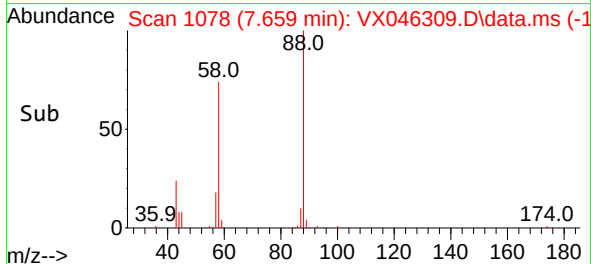
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2651
Ion Ratio Lower Upper
88 100
43 43.4 33.4 50.2
58 77.0 58.6 88.0

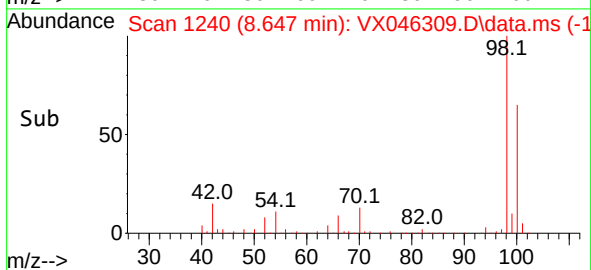
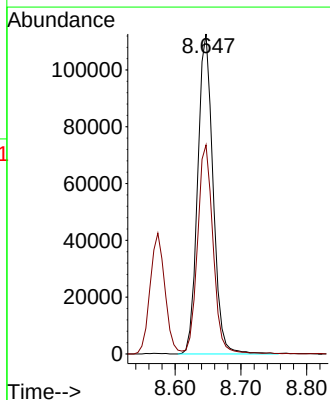
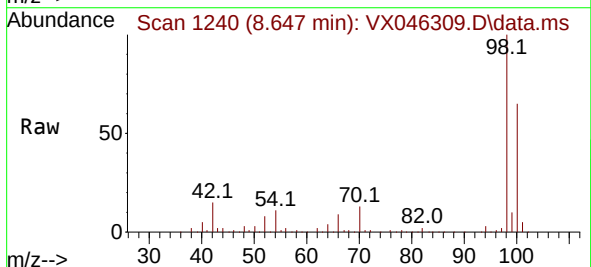
Manual Integrations
APPROVED

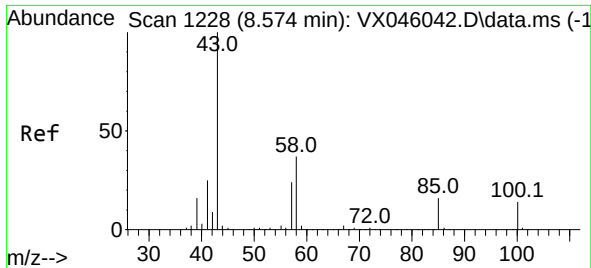
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#50
Toluene-d8
Concen: 51.458 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion: 98 Resp: 183231
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3





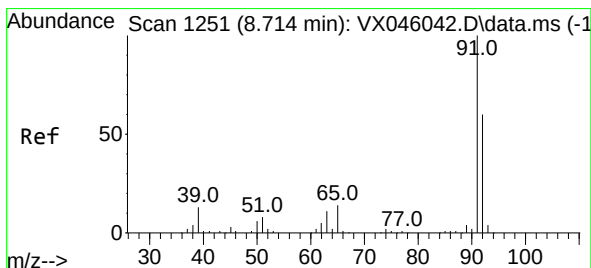
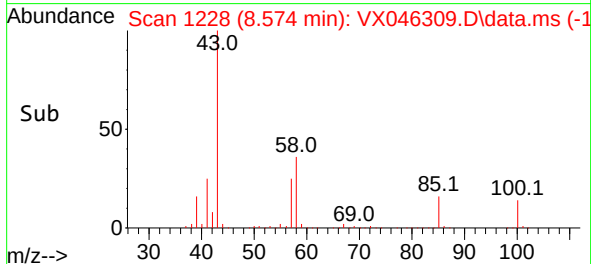
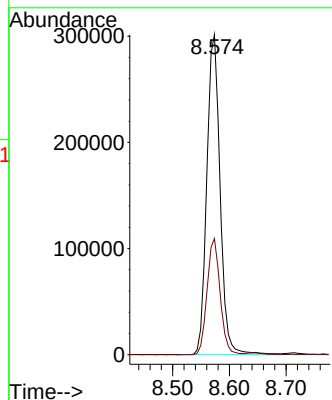
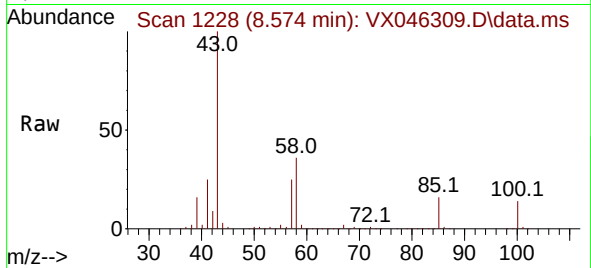
#51
4-Methyl-2-Pentanone
Concen: 284.246 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 49158
Ion Ratio Lower Upper
43 100
58 35.6 28.9 43.3

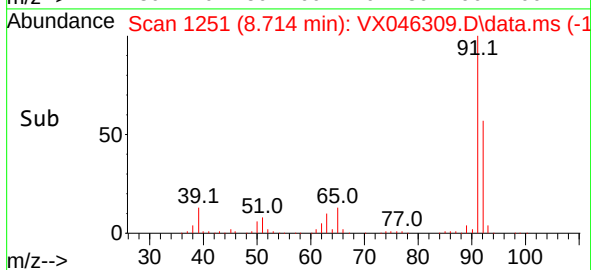
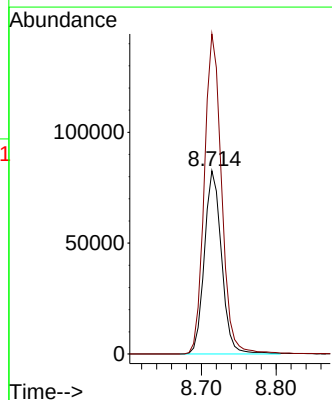
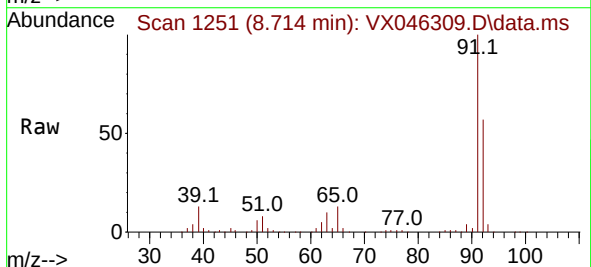
Manual Integrations
APPROVED

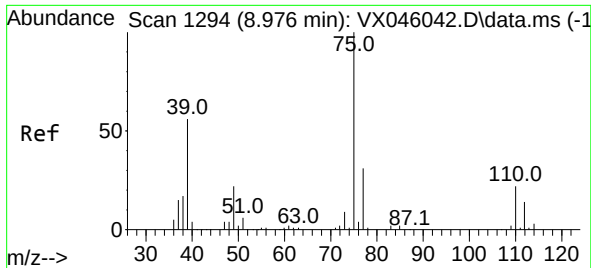
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#52
Toluene
Concen: 53.018 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion: 92 Resp: 131628
Ion Ratio Lower Upper
92 100
91 175.7 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 55.500 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

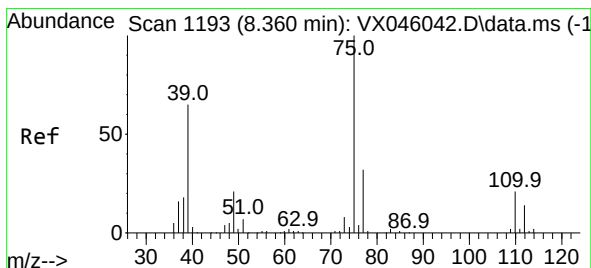
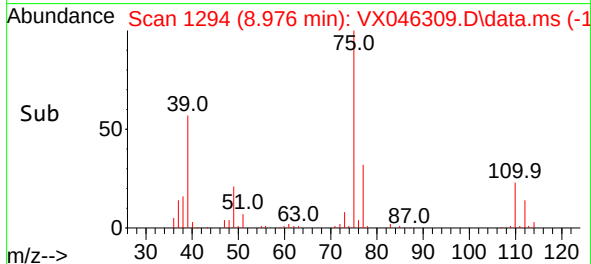
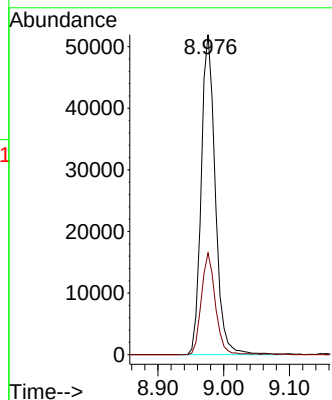
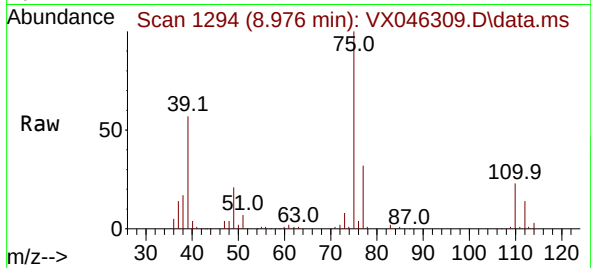
VSTDCCC050EC

Tgt Ion: 75 Resp: 77152
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

Manual Integrations

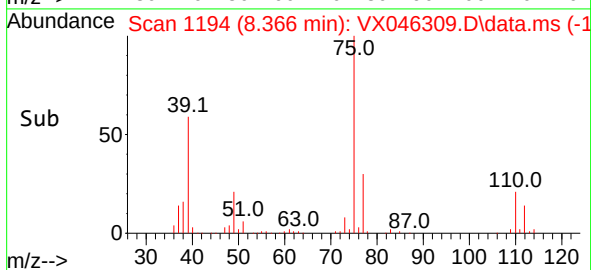
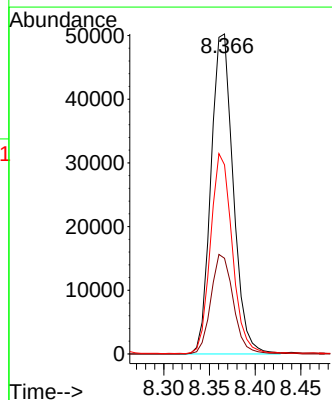
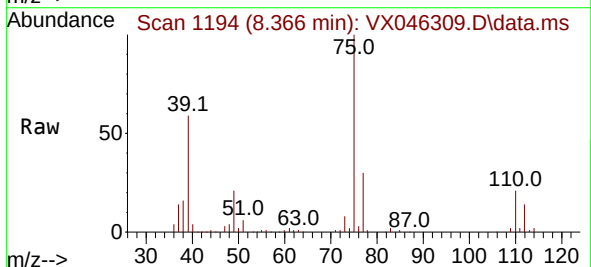
APPROVED

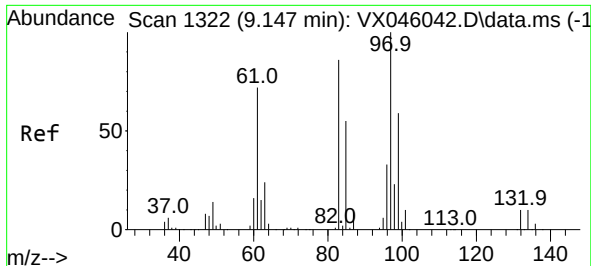
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#54
cis-1,3-Dichloropropene
Concen: 55.300 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion: 75 Resp: 84964
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0
39 58.9 52.2 78.4





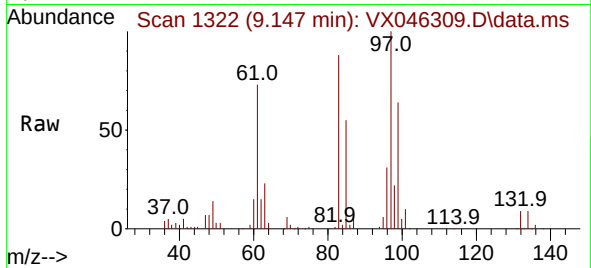
#55
1,1,2-Trichloroethane
Concen: 54.873 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



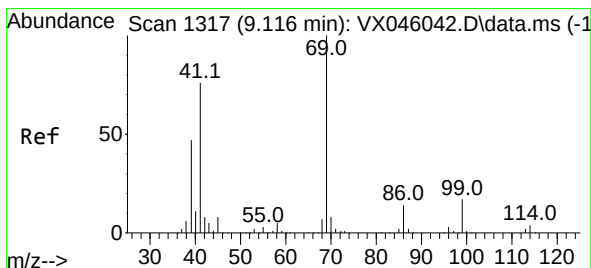
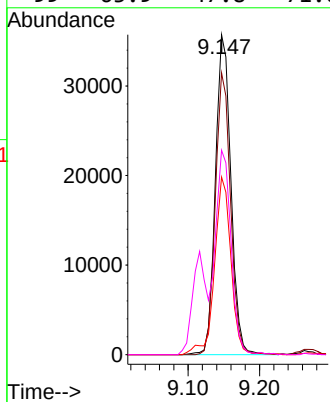
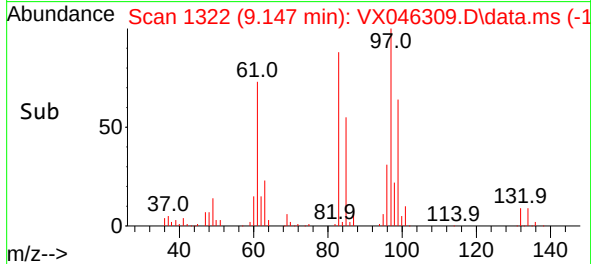
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.0	103.6
85	55.5	44.3	66.5
99	63.9	47.8	71.6

Manual Integrations

APPROVED

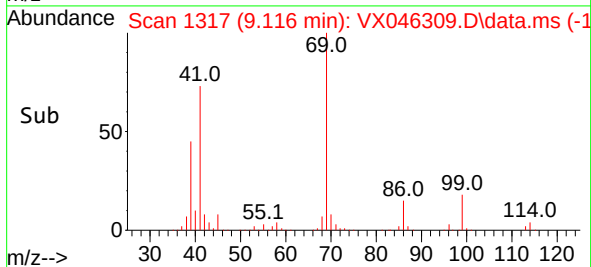
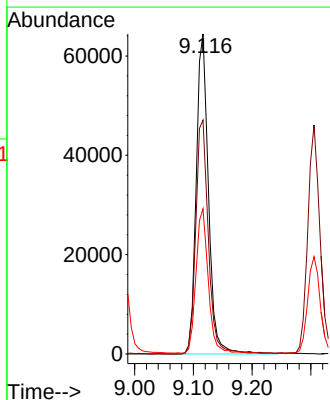
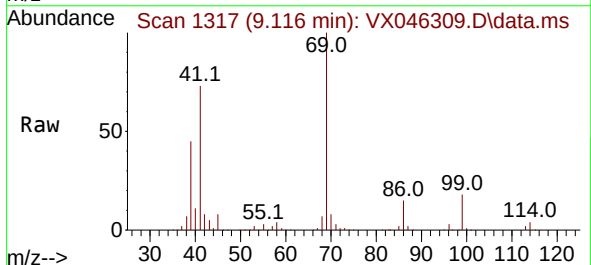
Reviewed By :John Carlone 05/22/2025

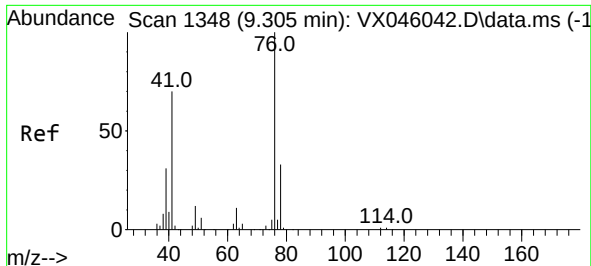
Supervised By :Mahesh Dadoda 05/22/2025



#56
Ethyl methacrylate
Concen: 59.733 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.8	91.2
39	45.6	39.0	58.6





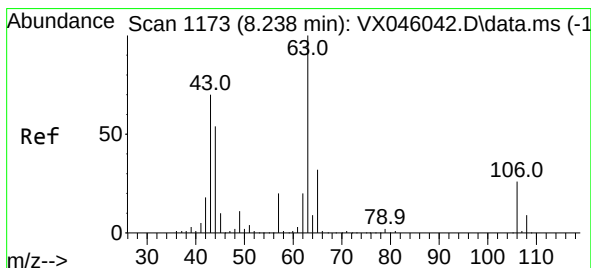
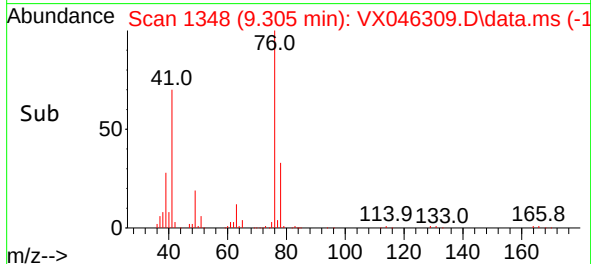
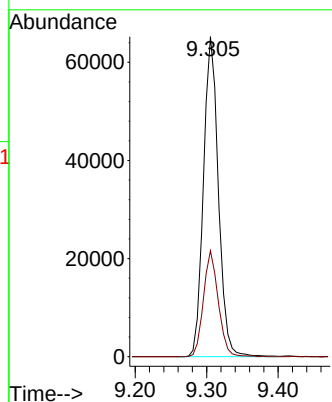
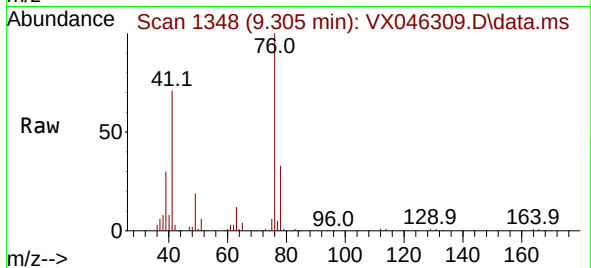
#57
1,3-Dichloropropane
Concen: 53.891 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 94740
Ion Ratio Lower Upper
76 100
78 32.8 26.3 39.5

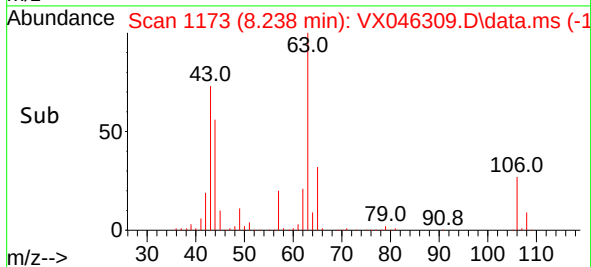
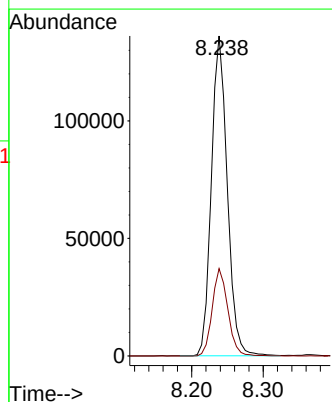
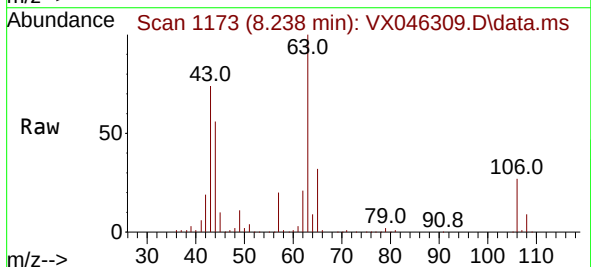
Manual Integrations
APPROVED

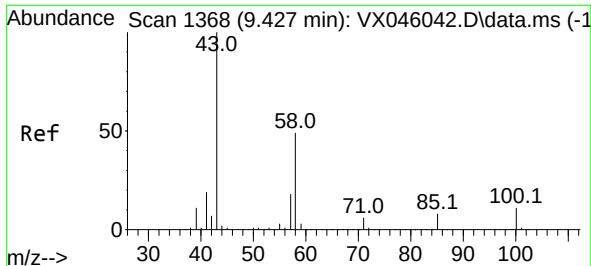
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#58
2-Chloroethyl Vinyl ether
Concen: 263.968 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

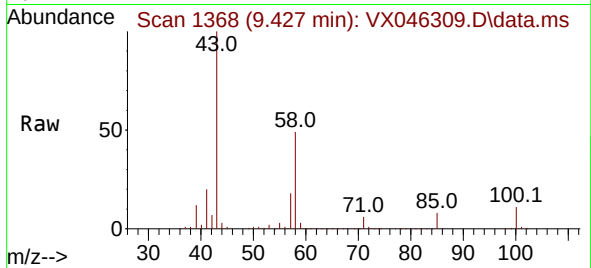
Tgt Ion: 63 Resp: 209966
Ion Ratio Lower Upper
63 100
106 26.8 21.5 32.3





#59
2-Hexanone
Concen: 284.811 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

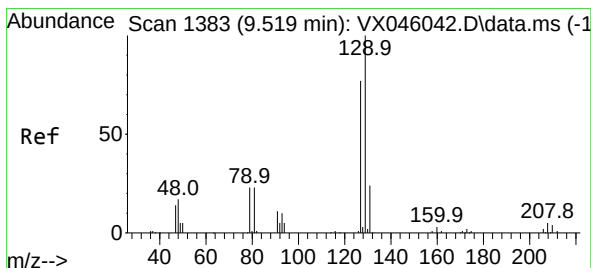
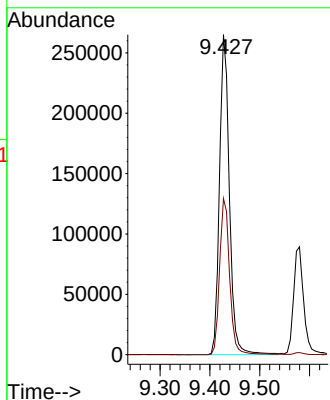
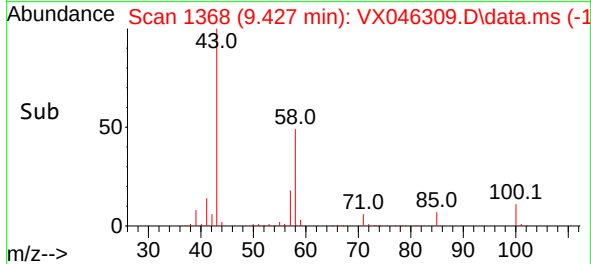
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 364412
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

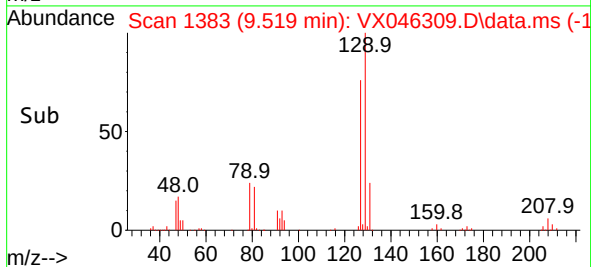
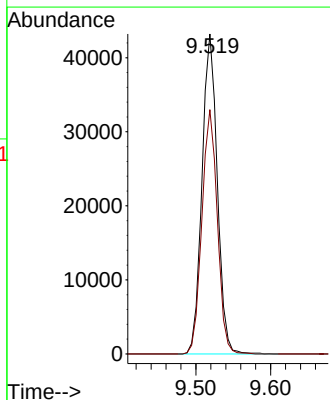
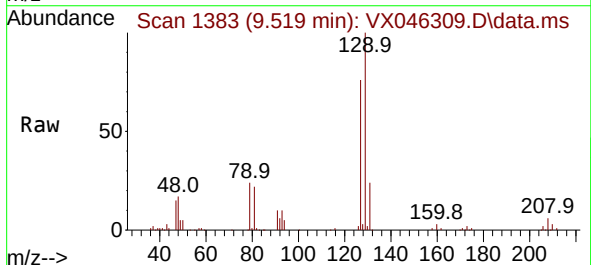
Manual Integrations
APPROVED

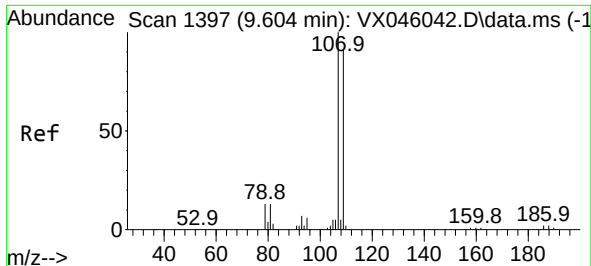
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#60
Dibromochloromethane
Concen: 57.039 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion:129 Resp: 61323
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





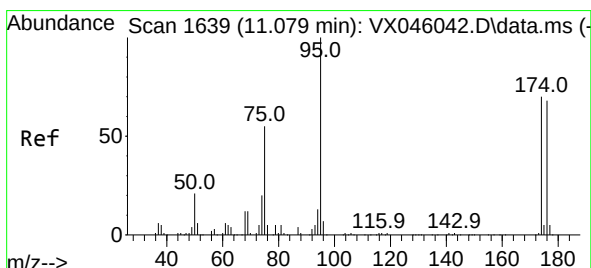
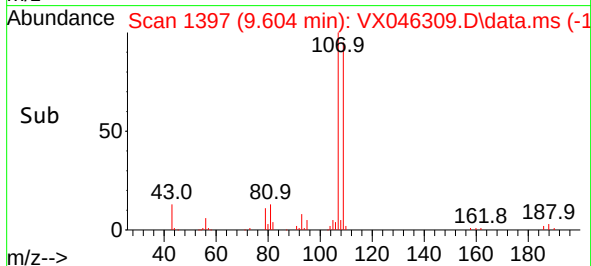
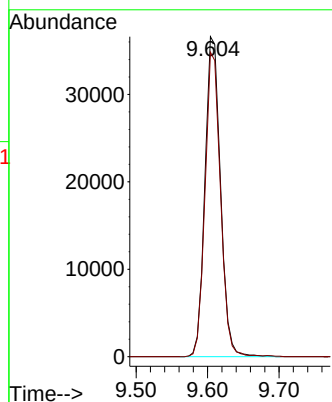
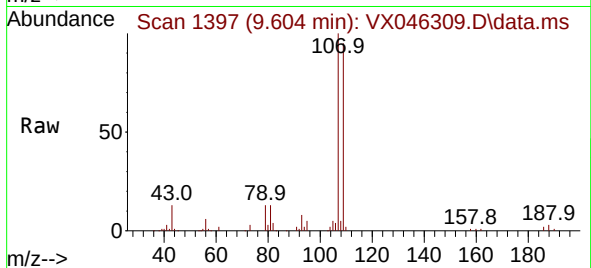
#61
1,2-Dibromoethane
Concen: 54.430 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 5538
Ion Ratio Lower Upper
107 100
109 94.4 73.3 109.9

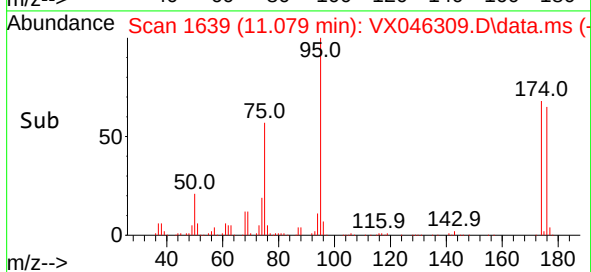
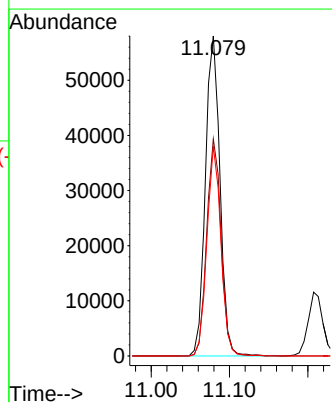
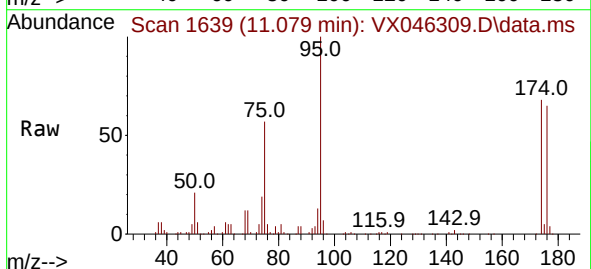
Manual Integrations
APPROVED

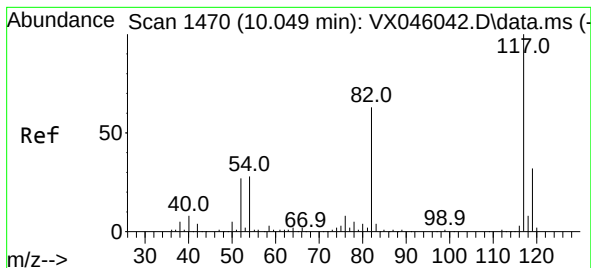
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#62
4-Bromofluorobenzene
Concen: 54.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

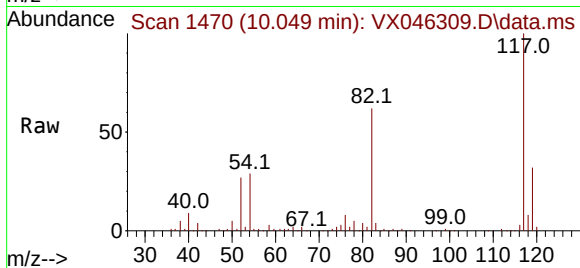
Tgt Ion: 95 Resp: 74777
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 63.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

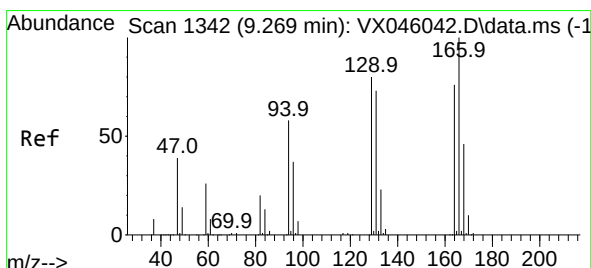
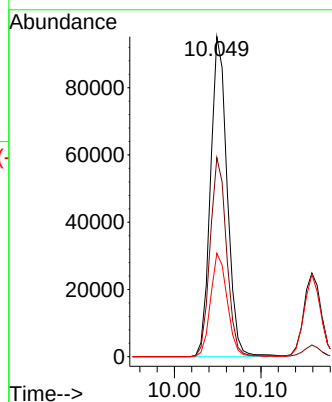
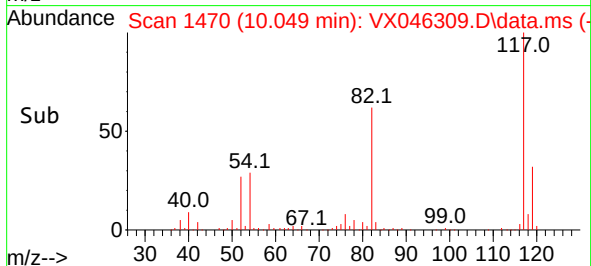
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 127180
Ion Ratio Lower Upper
117 100
82 62.2 50.6 76.0
119 32.3 25.8 38.6

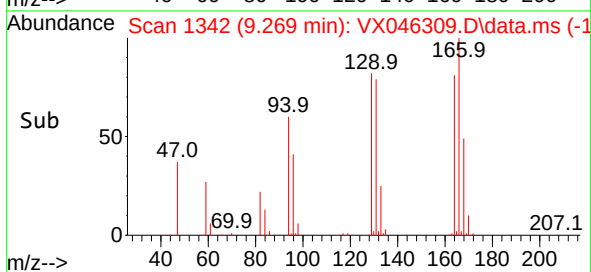
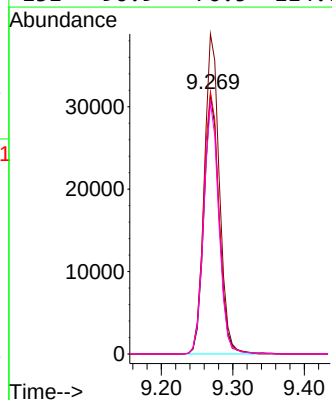
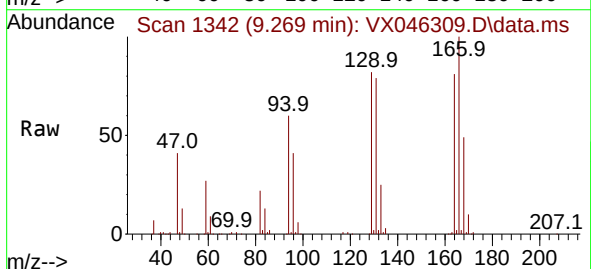
Manual Integrations
APPROVED

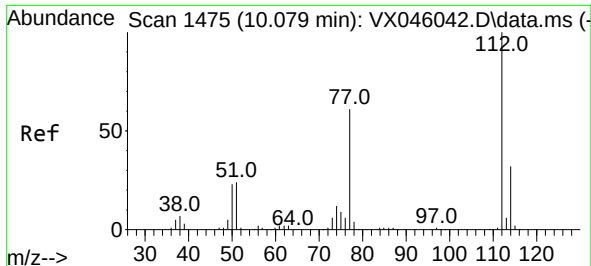
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#64
Tetrachloroethene
Concen: 51.541 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

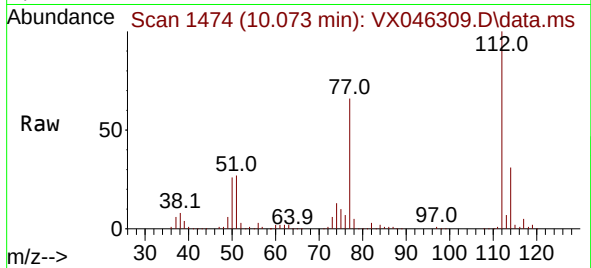
Tgt Ion:164 Resp: 46379
Ion Ratio Lower Upper
164 100
166 123.2 105.0 157.6
129 100.9 83.5 125.3
131 96.9 76.5 114.7





#65
Chlorobenzene
Concen: 51.899 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

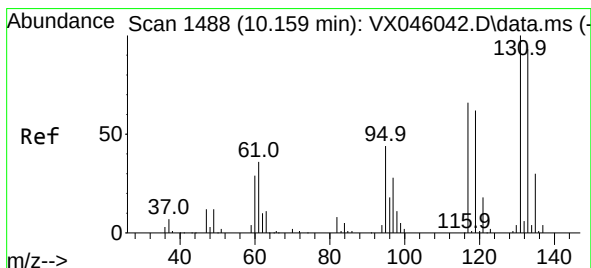
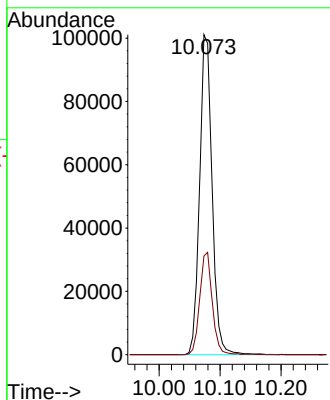
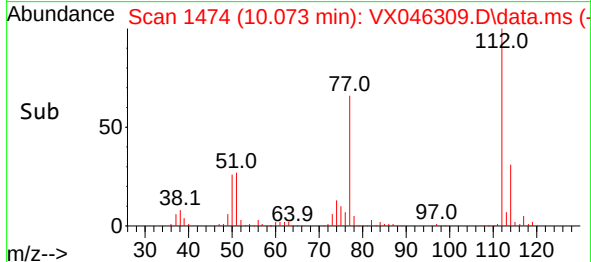
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 144470
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

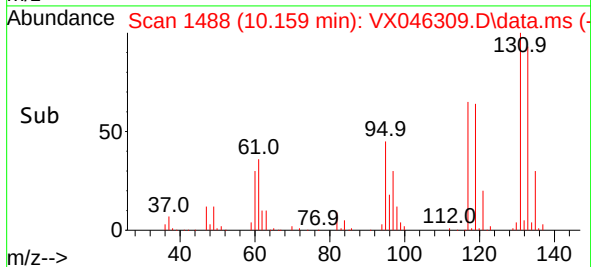
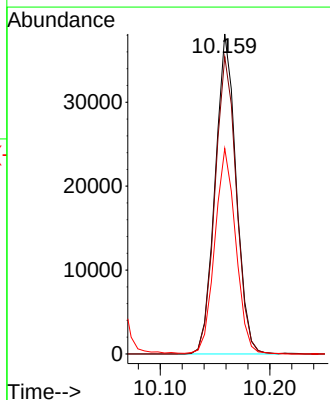
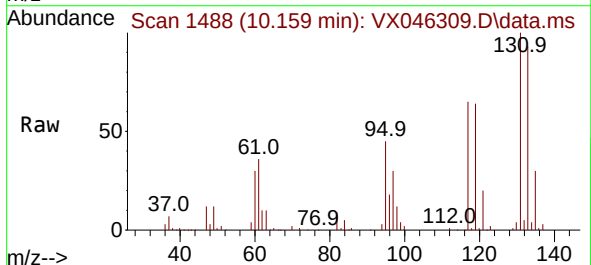
Manual Integrations
APPROVED

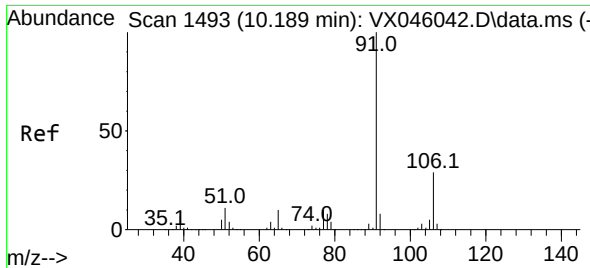
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.383 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

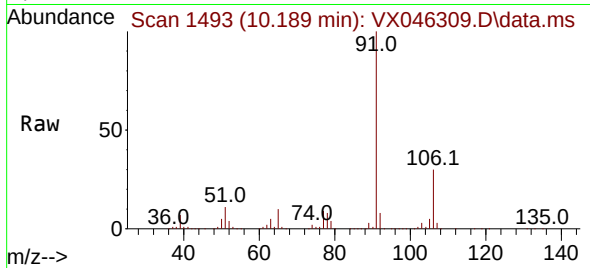
Tgt Ion:131 Resp: 50742
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.9
119 64.2 31.6 95.0





#67
Ethyl Benzene
Concen: 54.383 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

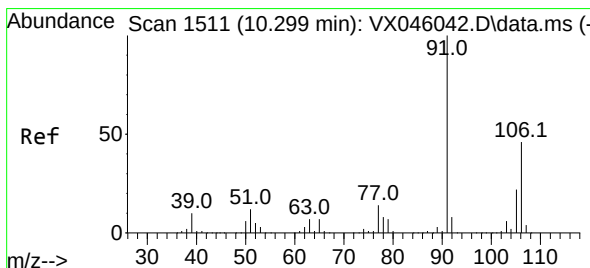
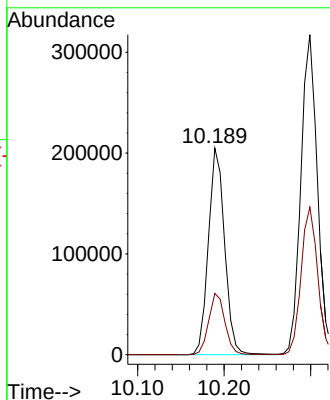
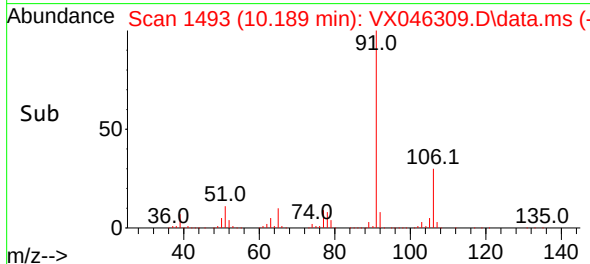
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



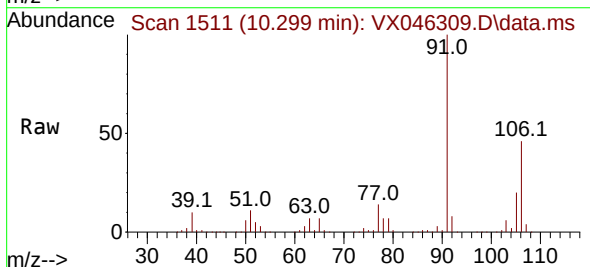
Tgt Ion: 91 Resp: 266848
Ion Ratio Lower Upper
91 100
106 29.7 23.4 35.2

Manual Integrations
APPROVED

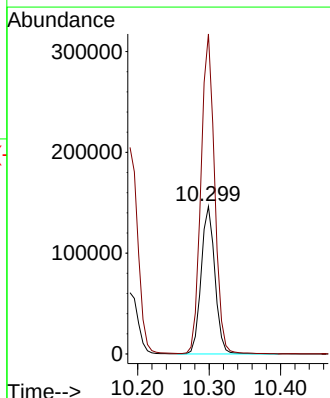
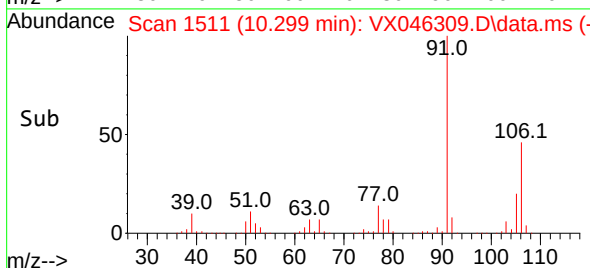
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

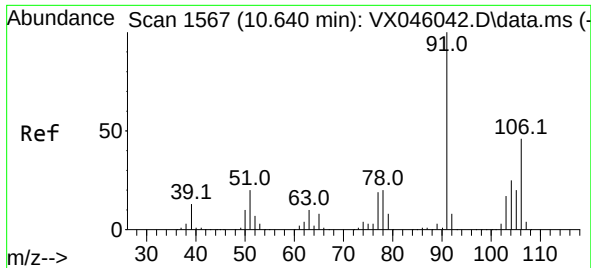


#68
m/p-Xylenes
Concen: 108.710 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44



Tgt Ion:106 Resp: 195095
Ion Ratio Lower Upper
106 100
91 215.8 171.2 256.8





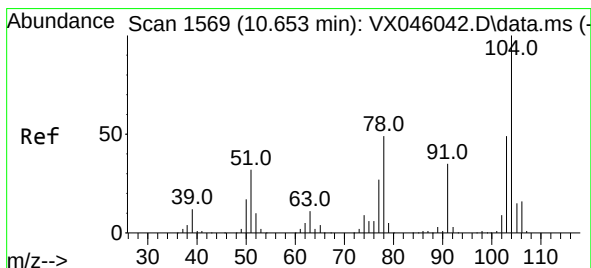
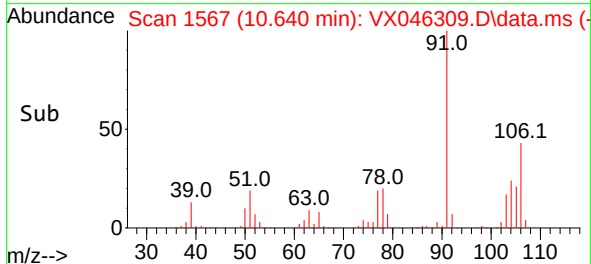
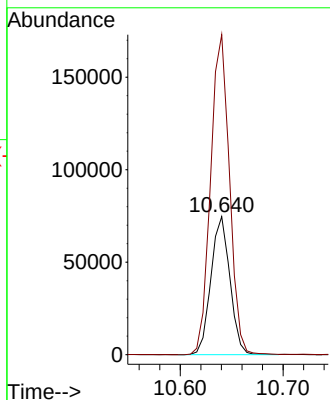
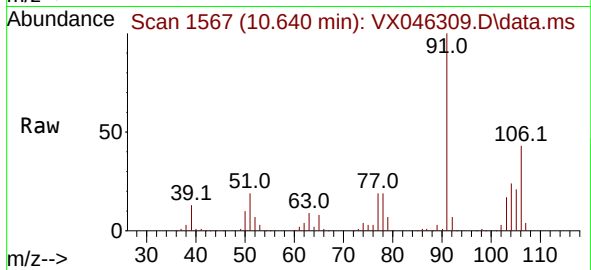
#69
o-Xylene
Concen: 54.714 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 95728
Ion Ratio Lower Upper
106 100
91 231.2 112.7 338.1

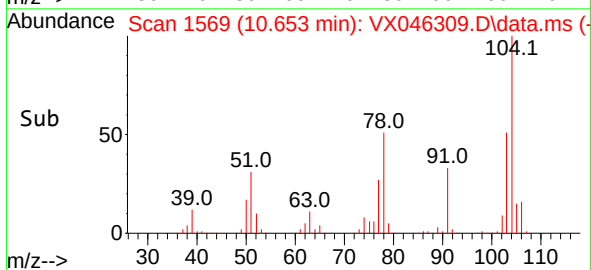
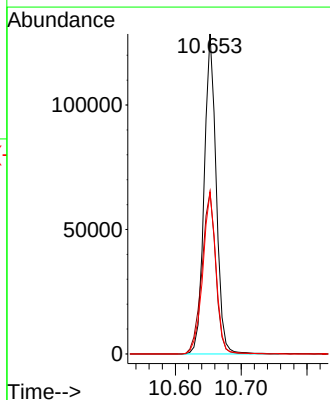
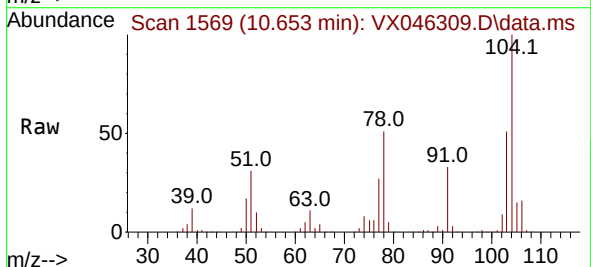
Manual Integrations
APPROVED

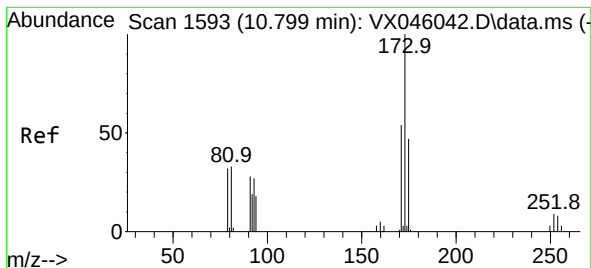
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#70
Styrene
Concen: 57.165 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion:104 Resp: 163839
Ion Ratio Lower Upper
104 100
78 58.1 45.7 68.5
103 55.6 43.7 65.5





#71

Bromoform

Concen: 54.834 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

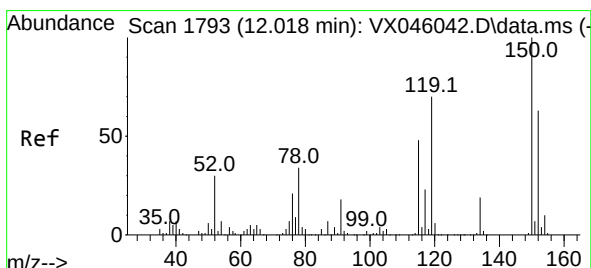
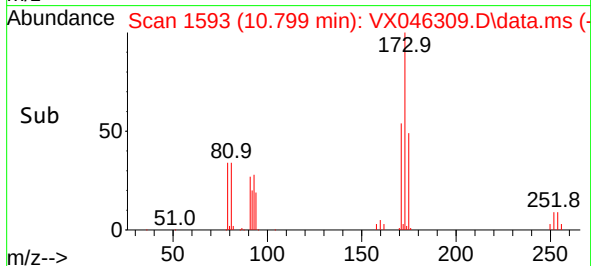
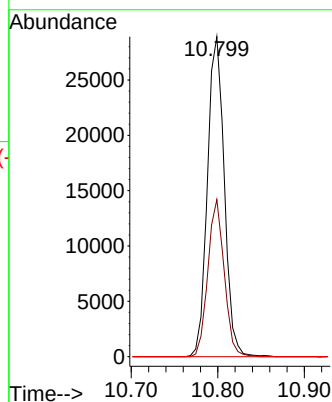
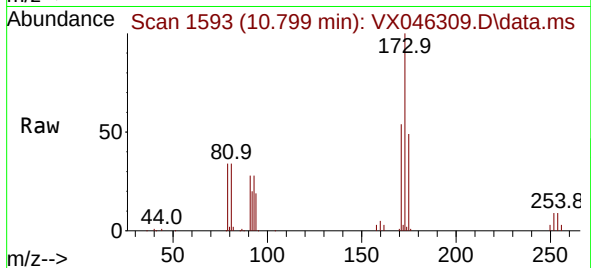
Tgt Ion:	173	Resp:	3913
Ion Ratio	Lower	Upper	
173	100		
175	47.5	23.4	70.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

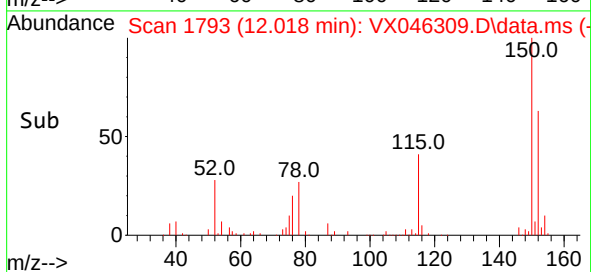
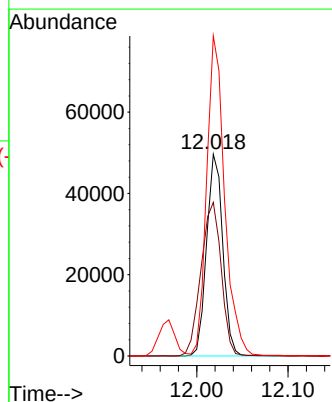
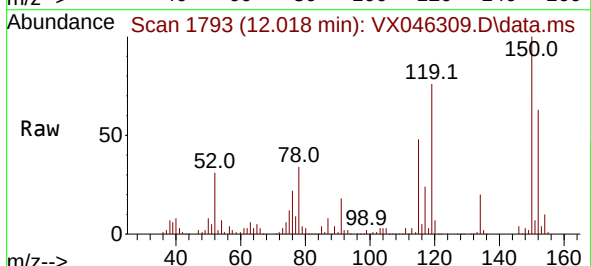
RT: 12.018 min Scan# 1793

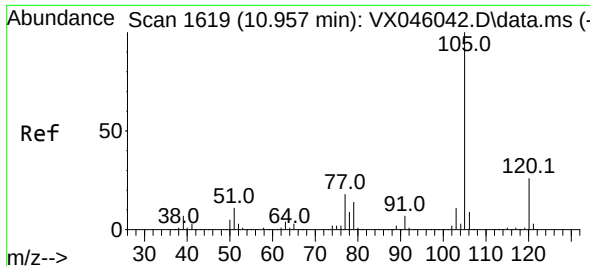
Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

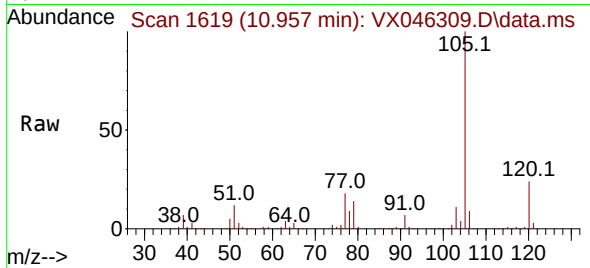
Tgt Ion:	152	Resp:	60906
Ion Ratio	Lower	Upper	
152	100		
115	95.5	46.9	140.7
150	176.1	0.0	351.0





#73
Isopropylbenzene
Concen: 54.740 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

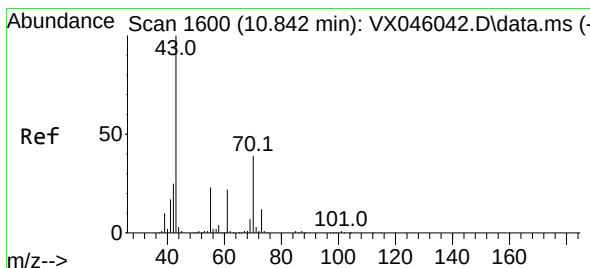
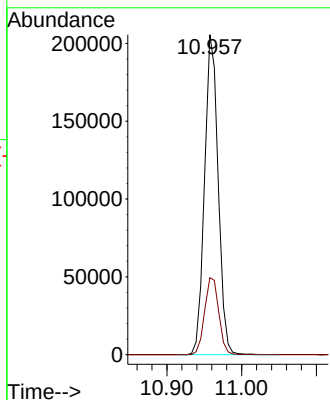
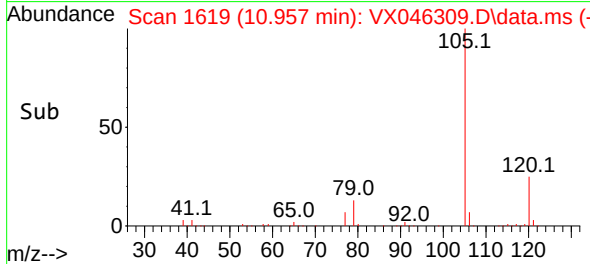
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 259562
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4

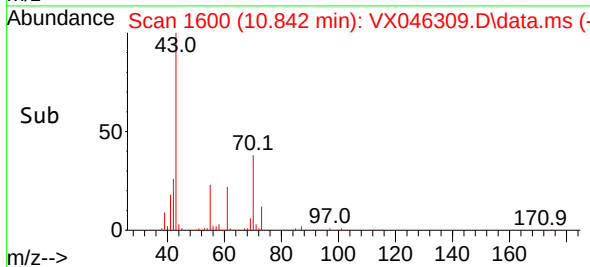
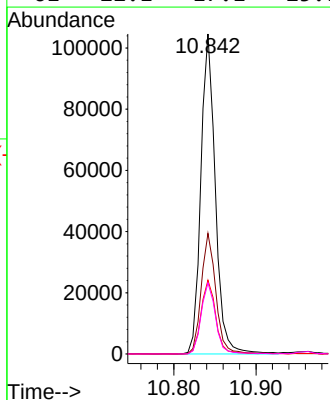
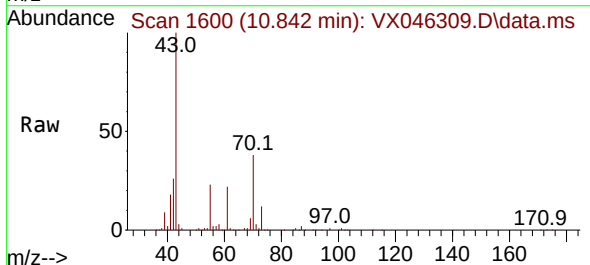
Manual Integrations
APPROVED

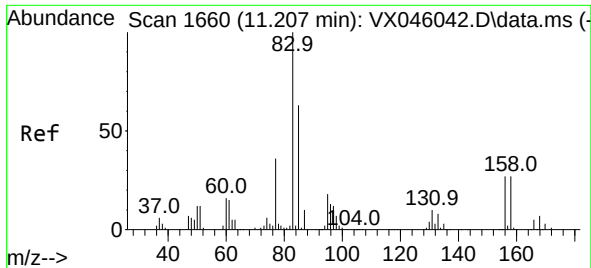
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#74
N-ethyl acetate
Concen: 54.704 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

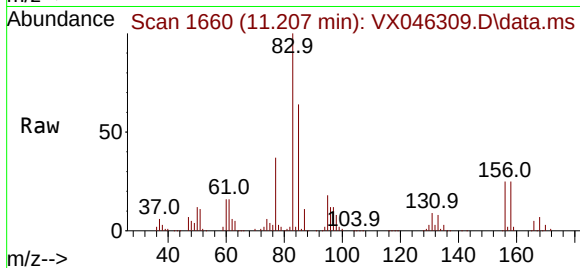
Tgt Ion: 43 Resp: 128177
Ion Ratio Lower Upper
43 100
70 38.1 30.9 46.3
55 23.3 18.7 28.1
61 22.1 17.1 25.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.866 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX046309.D
 Acq: 21 May 2025 19:44

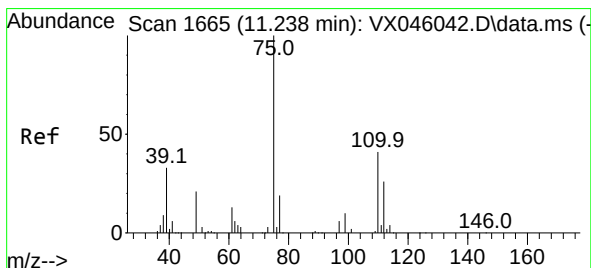
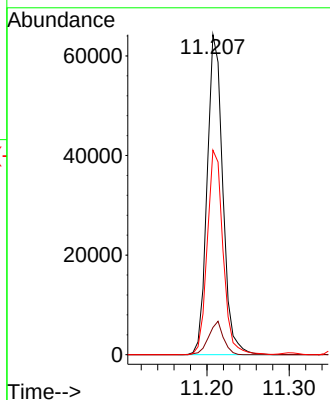
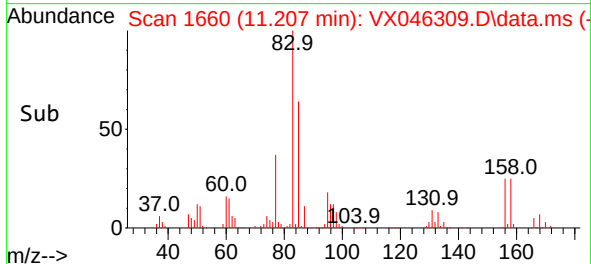
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 8452
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 64.6 31.9 95.7

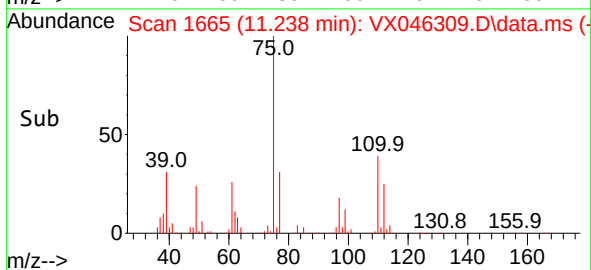
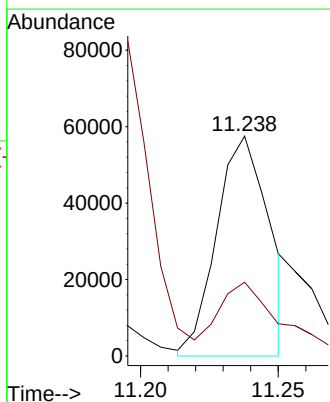
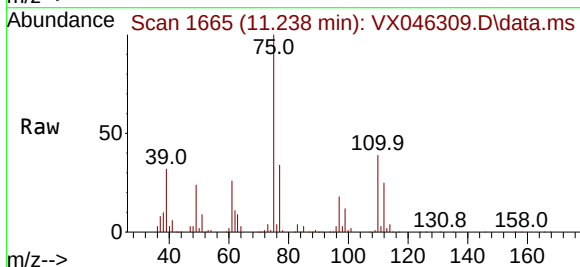
Manual Integrations
 APPROVED

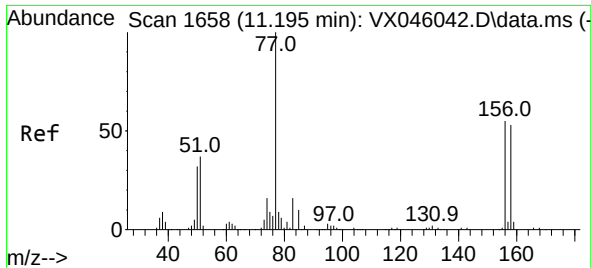
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#76
 1,2,3-Trichloropropane
 Concen: 51.832 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX046309.D
 Acq: 21 May 2025 19:44

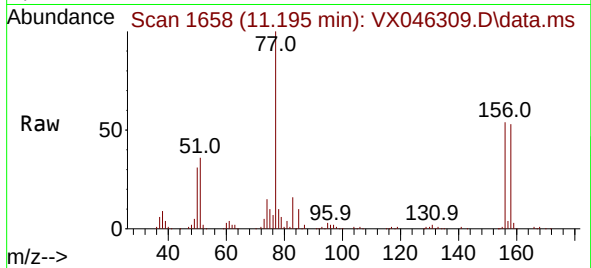
Tgt Ion: 75 Resp: 75988
 Ion Ratio Lower Upper
 75 100
 77 40.4 20.5 61.5





#77
Bromobenzene
Concen: 52.219 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

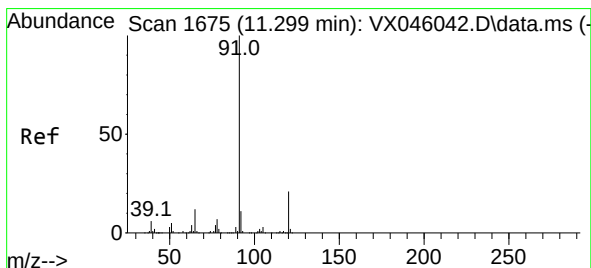
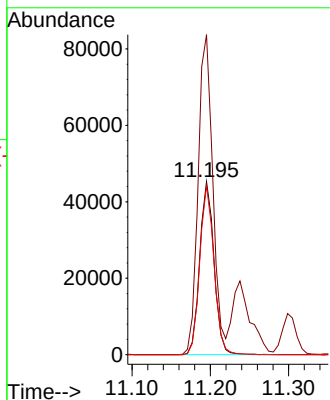
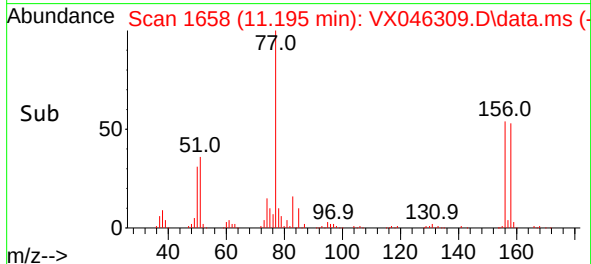
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 57485
Ion Ratio Lower Upper
156 100
77 189.8 92.8 278.3
158 96.9 48.8 146.3

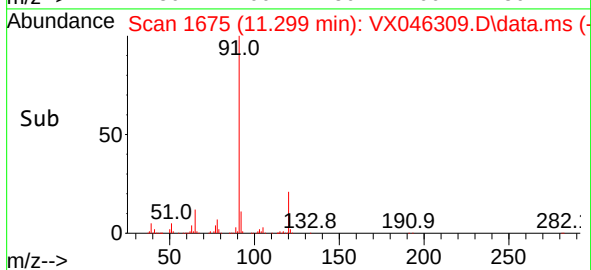
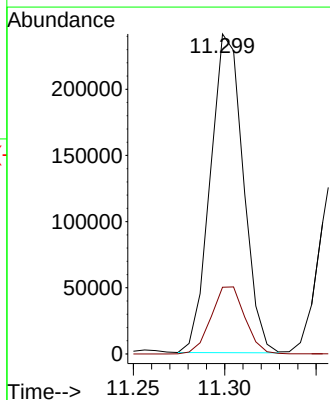
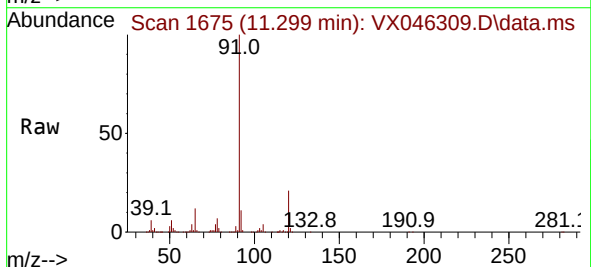
Manual Integrations
APPROVED

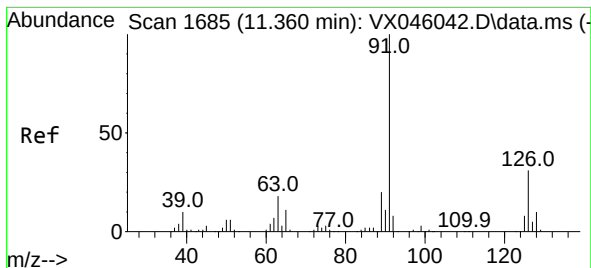
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#78
n-propylbenzene
Concen: 54.831 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion: 91 Resp: 302304
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





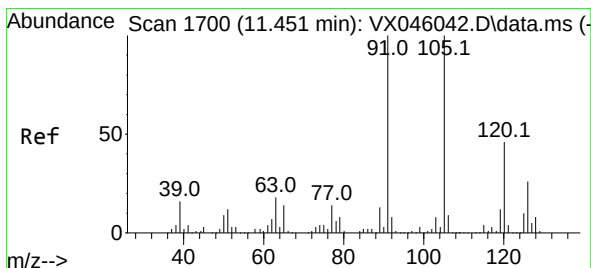
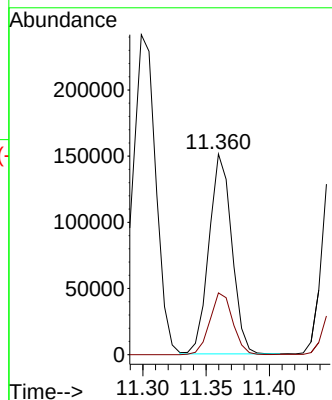
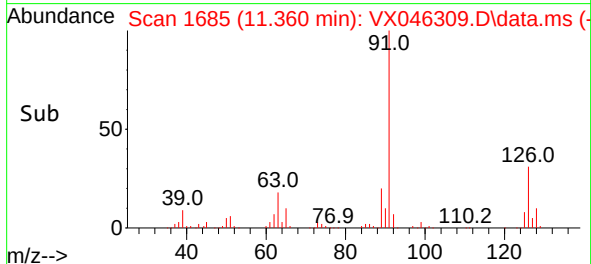
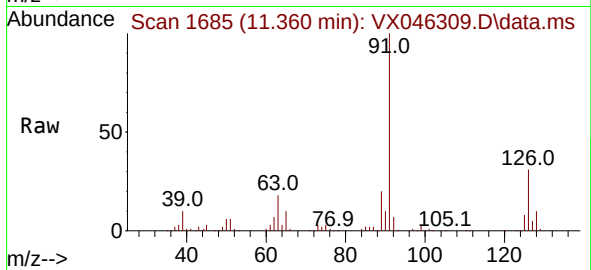
#79
2-Chlorotoluene
Concen: 53.228 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 189280
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.7

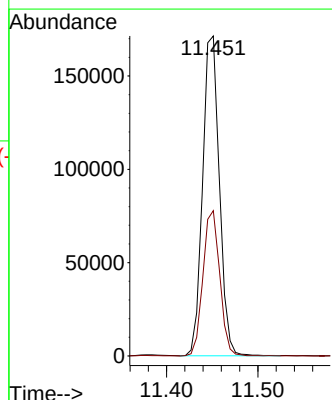
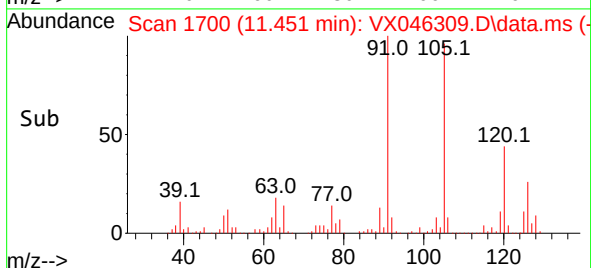
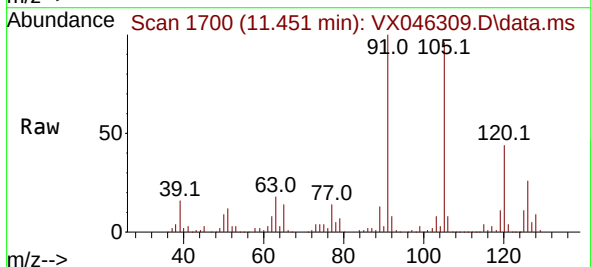
Manual Integrations
APPROVED

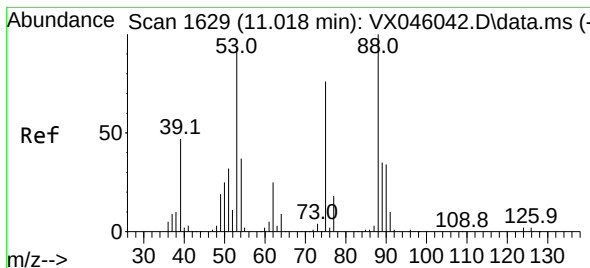
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.092 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion:105 Resp: 218239
Ion Ratio Lower Upper
105 100
120 45.6 23.1 69.2





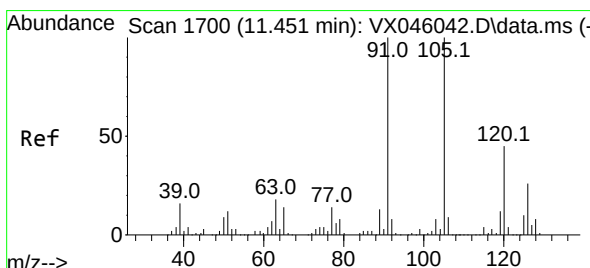
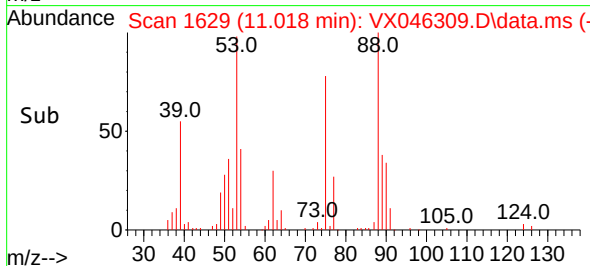
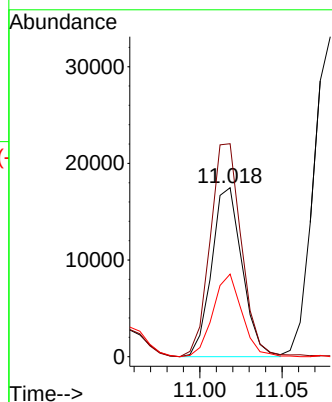
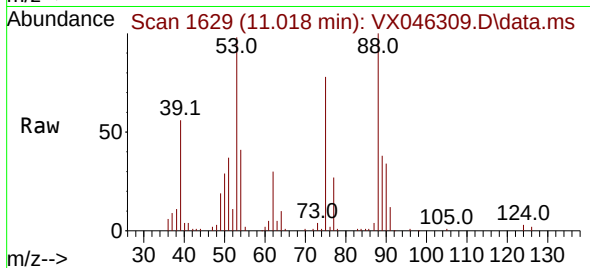
#81
trans-1,4-Dichloro-2-butene
Concen: 50.109 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 22564
Ion Ratio Lower Upper
75 100
53 129.4 100.5 150.7
89 46.4 37.0 55.6

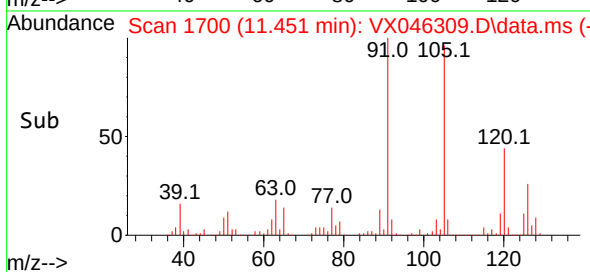
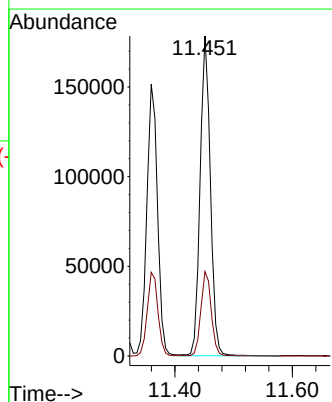
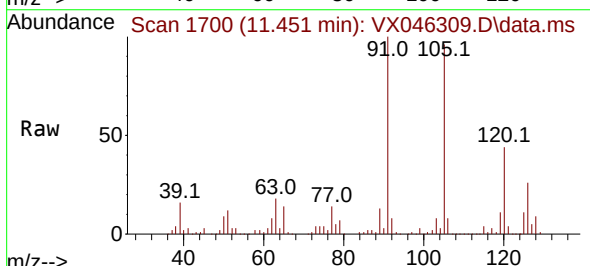
Manual Integrations
APPROVED

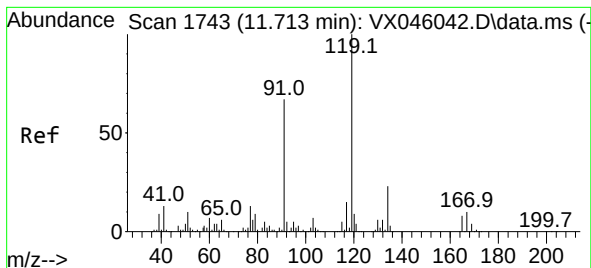
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#82
4-Chlorotoluene
Concen: 54.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion: 91 Resp: 216234
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.8





#83

tert-Butylbenzene

Concen: 54.002 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

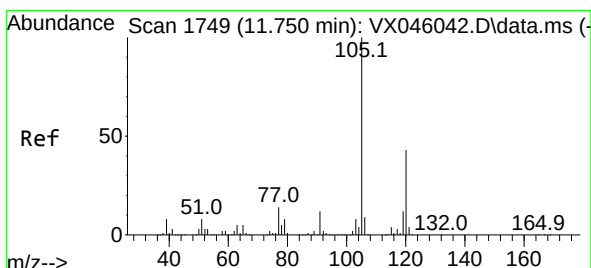
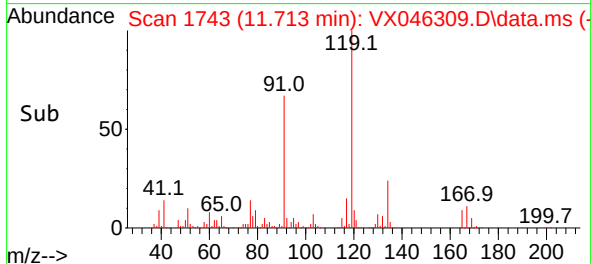
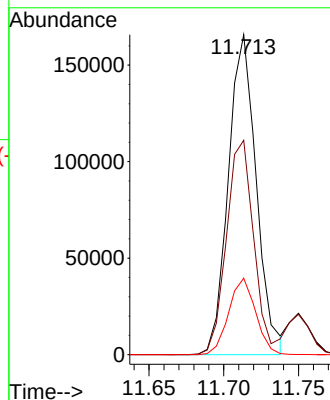
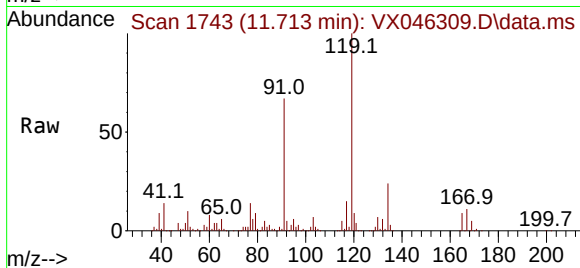
Tgt Ion:119 Resp: 215479
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.9 98.7
 134 23.1 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.903 ug/l

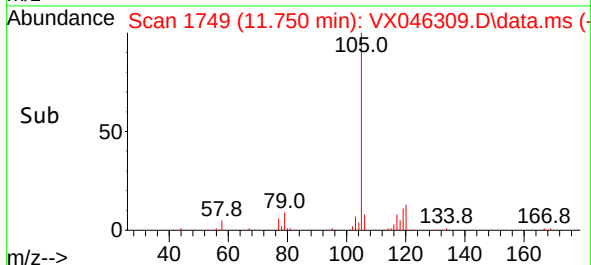
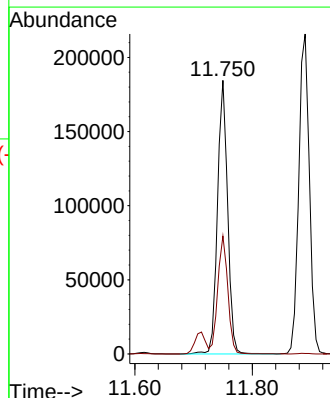
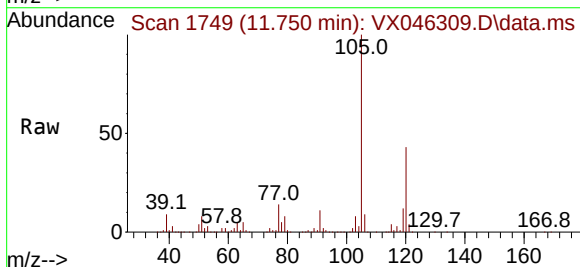
RT: 11.750 min Scan# 1749

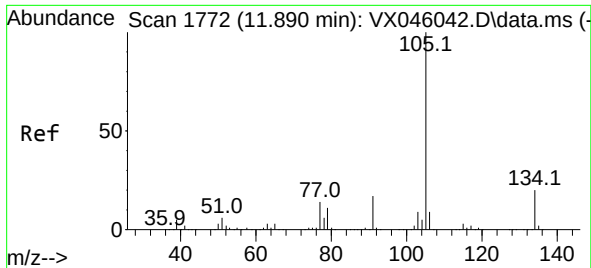
Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

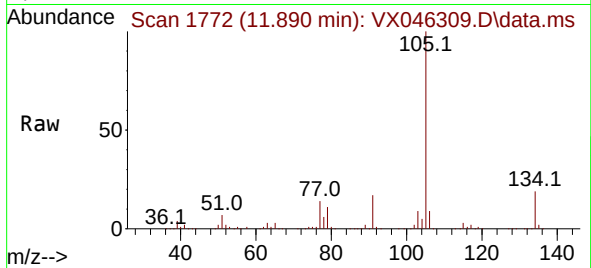
Tgt Ion:105 Resp: 220248
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 54.961 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046309.D
 Acq: 21 May 2025 19:44

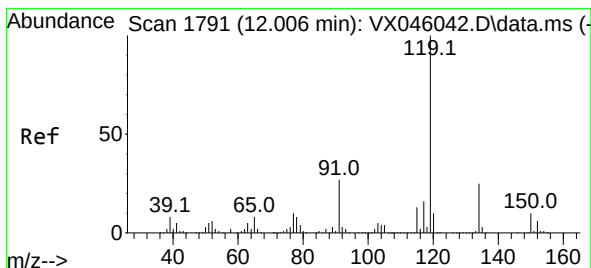
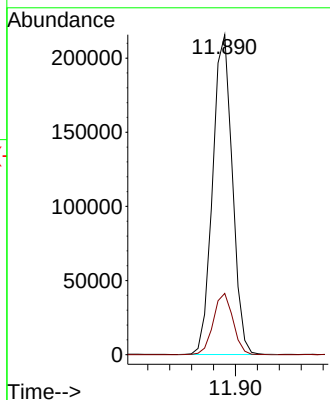
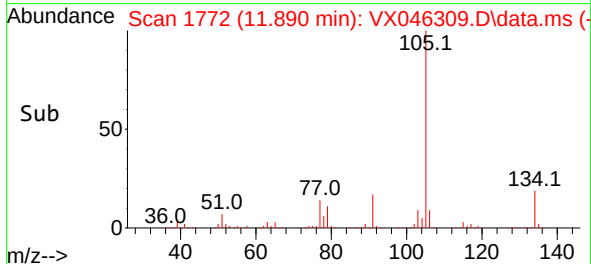
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



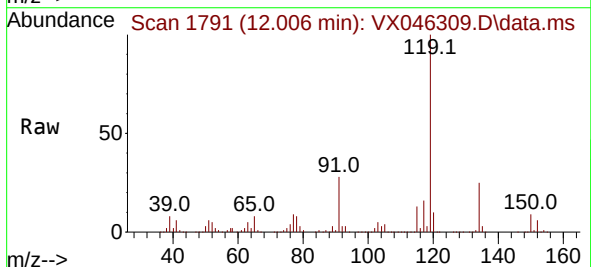
Tgt Ion:105 Resp: 26927
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

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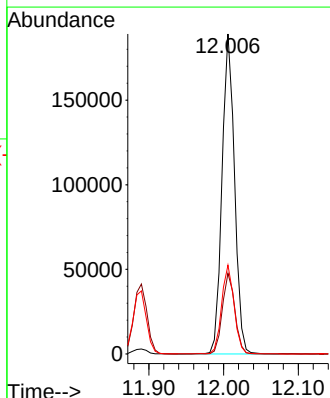
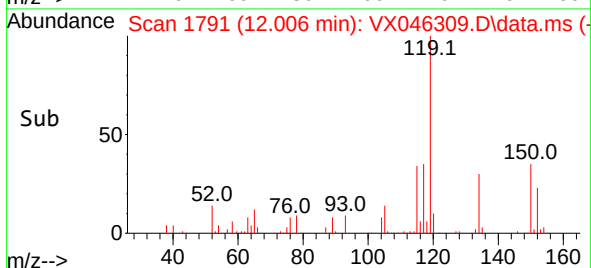
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

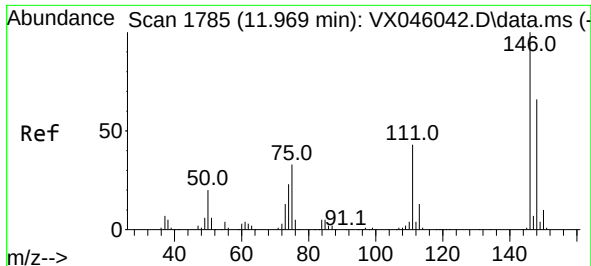


#86
 p-Isopropyltoluene
 Concen: 54.530 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046309.D
 Acq: 21 May 2025 19:44



Tgt Ion:119 Resp: 220520
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 27.8 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 52.860 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 106200

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.3

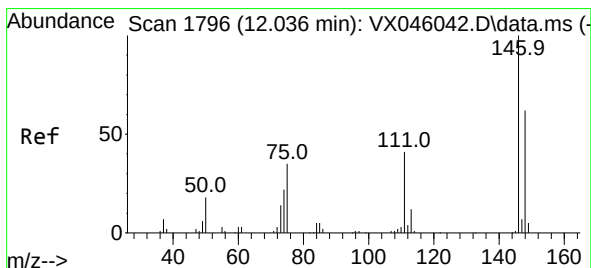
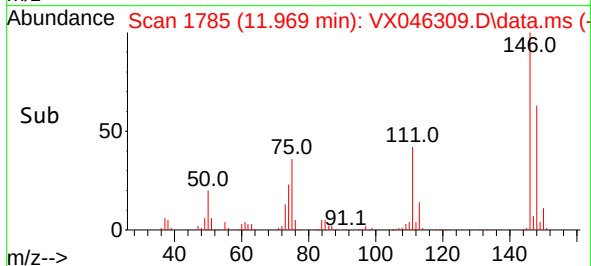
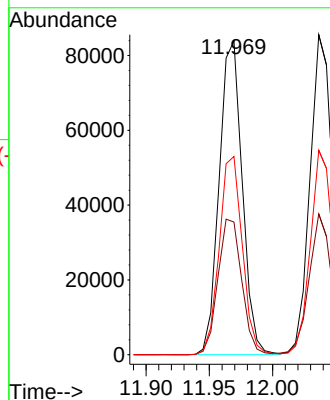
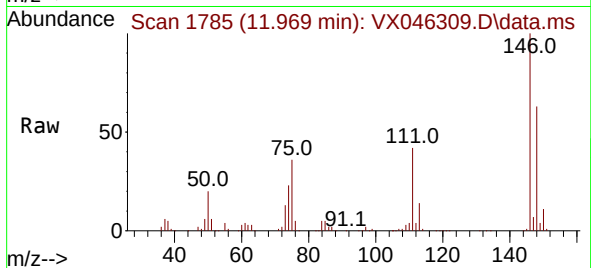
148 63.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#88

1,4-Dichlorobenzene

Concen: 52.158 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046309.D

Acq: 21 May 2025 19:44

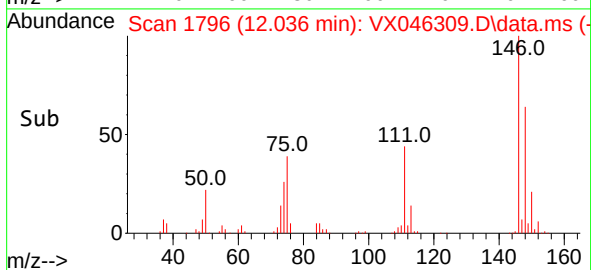
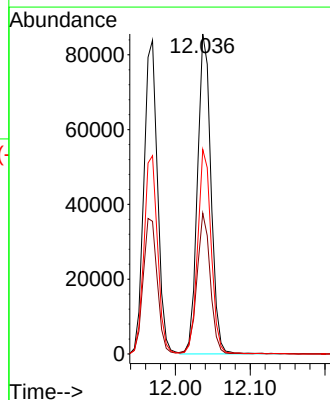
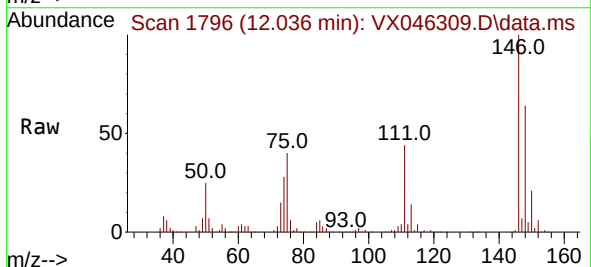
Tgt Ion:146 Resp: 107019

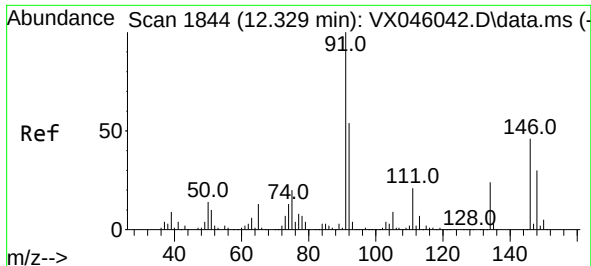
Ion Ratio Lower Upper

146 100

111 43.4 21.3 63.9

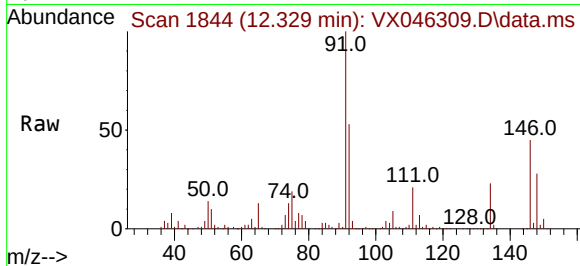
148 63.5 31.9 95.5





#89
n-Butylbenzene
Concen: 54.886 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

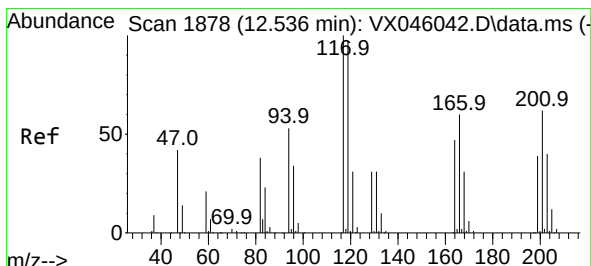
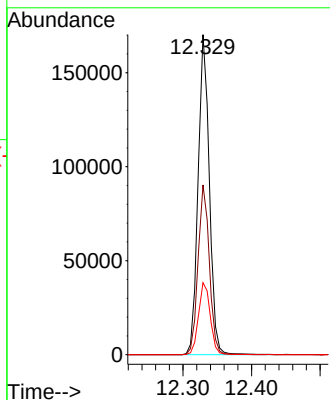
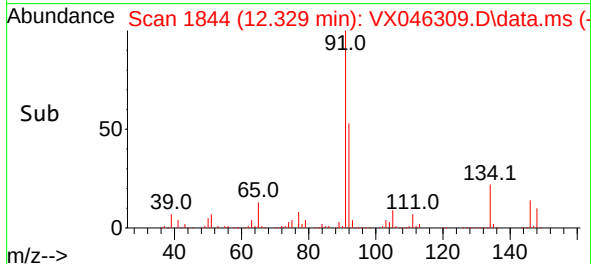
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 194699
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 23.5 11.8 35.3

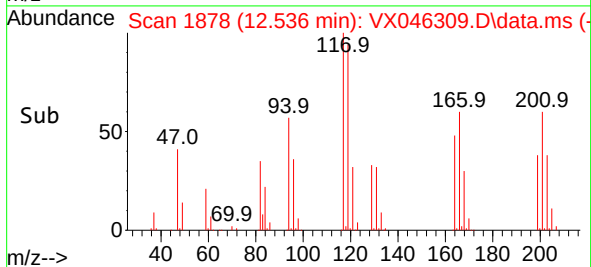
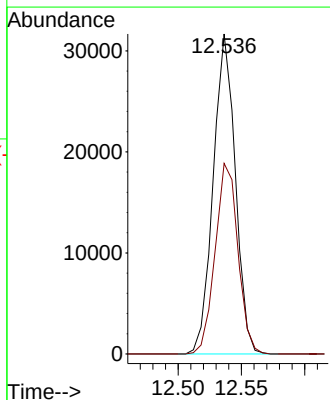
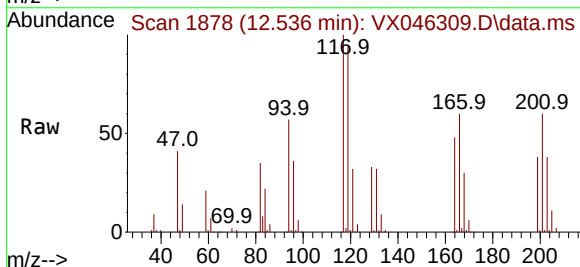
Manual Integrations
APPROVED

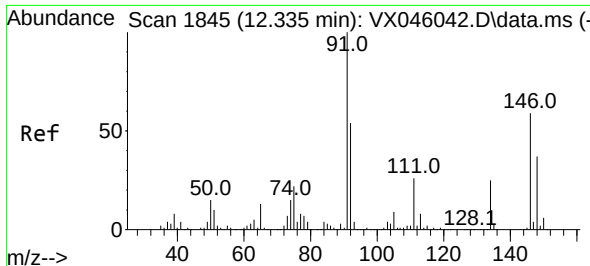
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#90
Hexachloroethane
Concen: 53.906 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Tgt Ion:117 Resp: 38406
Ion Ratio Lower Upper
117 100
201 61.4 31.6 94.7





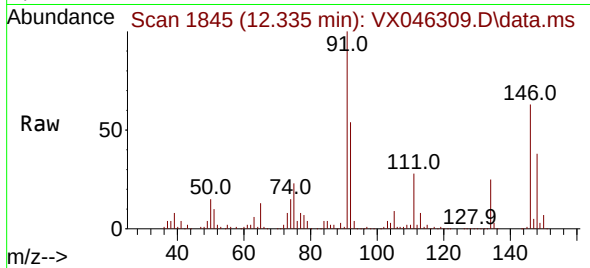
#91
1,2-Dichlorobenzene
Concen: 53.032 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



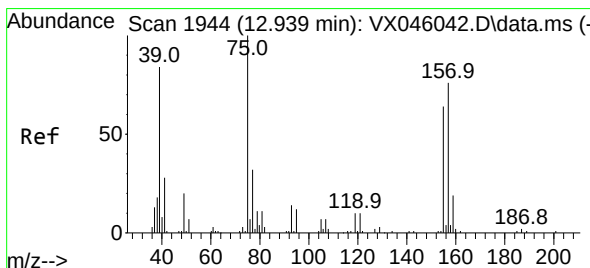
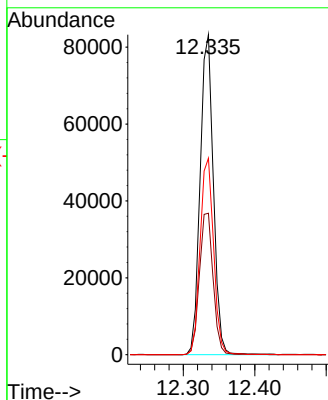
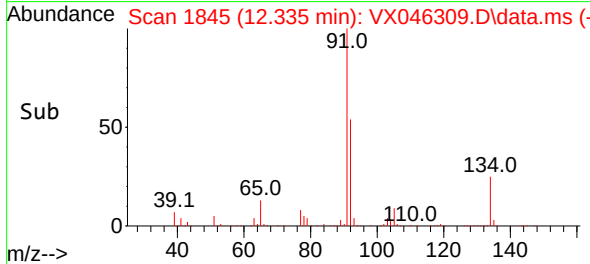
Tgt Ion:146 Resp: 106918
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.3
148 62.9 31.6 94.8

Manual Integrations

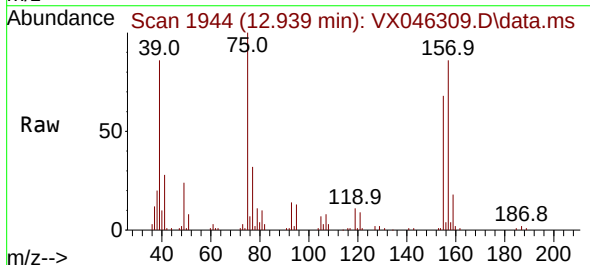
APPROVED

Reviewed By :John Carlone 05/22/2025

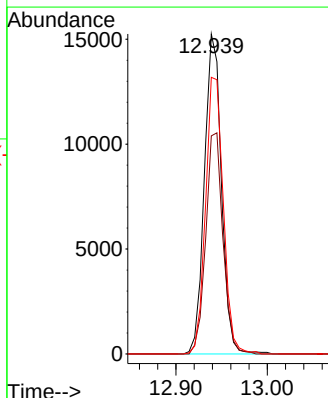
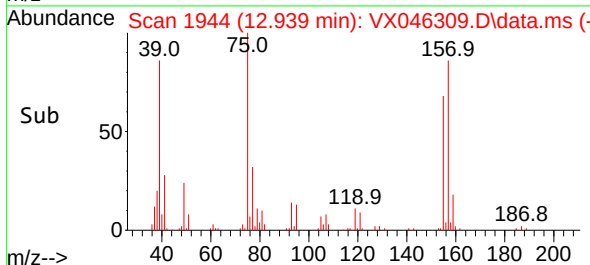
Supervised By :Mahesh Dadoda 05/22/2025

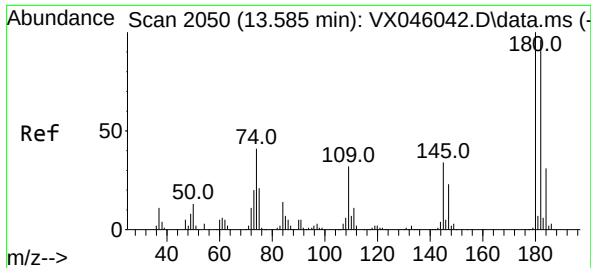


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.508 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44



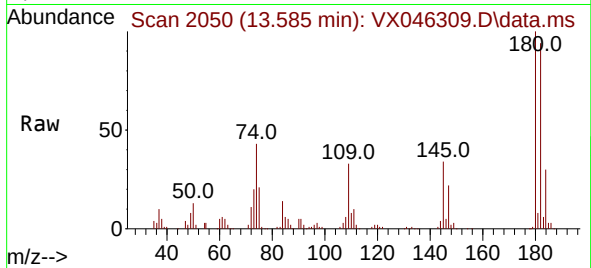
Tgt Ion: 75 Resp: 19697
Ion Ratio Lower Upper
75 100
155 70.0 34.9 104.8
157 89.8 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 52.451 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

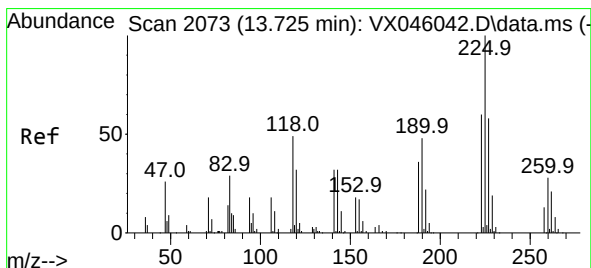
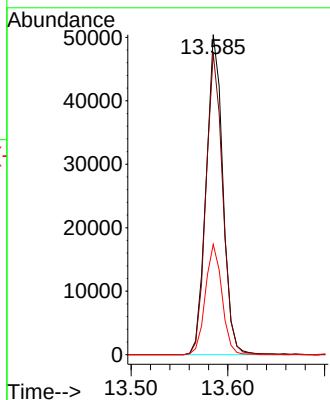
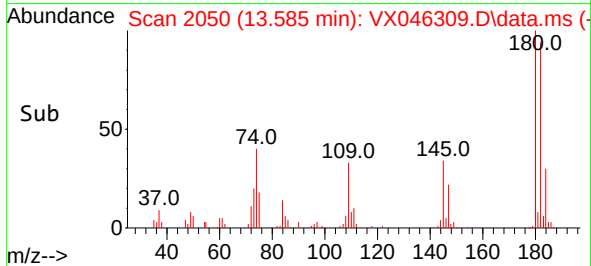
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



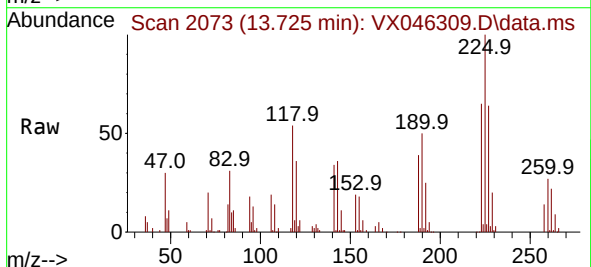
Tgt Ion:180 Resp: 60730
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.8
145 34.1 17.1 51.2

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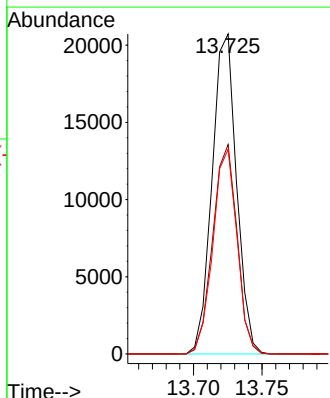
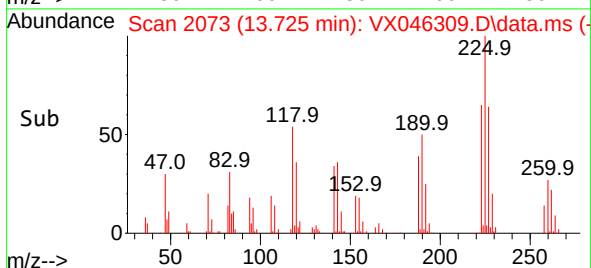
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

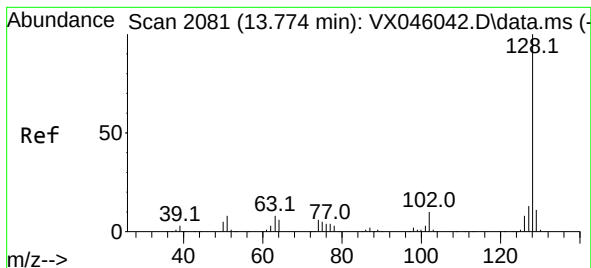


#94
Hexachlorobutadiene
Concen: 50.873 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44



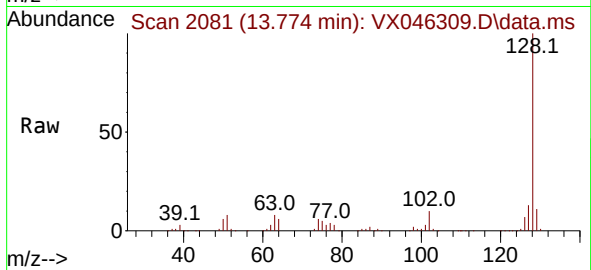
Tgt Ion:225 Resp: 25728
Ion Ratio Lower Upper
225 100
223 65.0 30.8 92.4
227 63.0 30.9 92.7





#95
Naphthalene
Concen: 53.556 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44

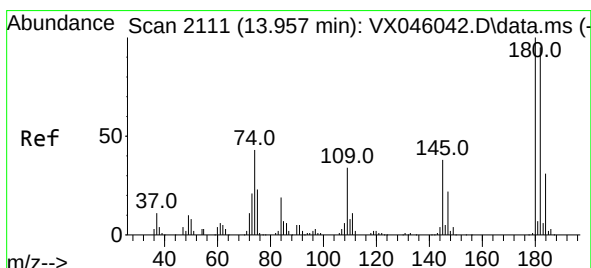
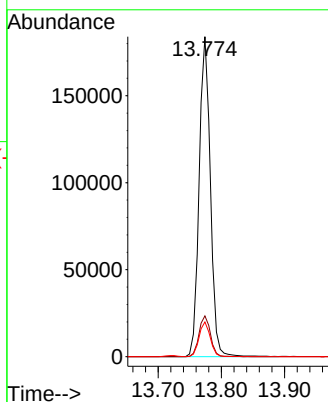
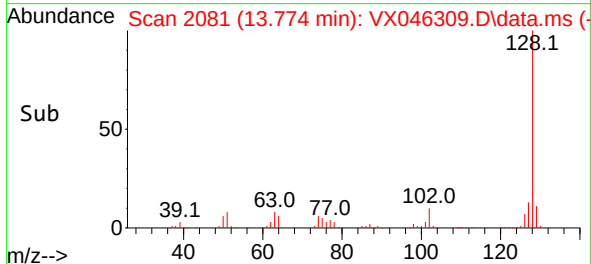
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



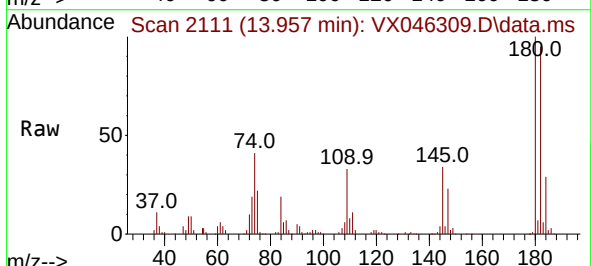
Tgt Ion:128 Resp: 227452
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.106 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046309.D
Acq: 21 May 2025 19:44



Tgt Ion:180 Resp: 62257
Ion Ratio Lower Upper
180 100
182 96.8 47.8 143.3
145 36.0 18.1 54.3

