

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
 Data File : VX046311.D
 Acq On : 22 May 2025 07:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

Quant Time: May 23 01:38:30 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	93374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	156616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82816	47.574	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.140%			
35) Dibromofluoromethane	5.379	113	57900	51.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	8.641	98	191700	49.110	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.220%			
62) 4-Bromofluorobenzene	11.079	95	75444	50.386	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	71061	49.722	ug/l	99
3) Chloromethane	1.307	50	64385	46.457	ug/l	98
4) Vinyl Chloride	1.374	62	59287	45.964	ug/l	99
5) Bromomethane	1.593	94	27233	45.520	ug/l	99
6) Chloroethane	1.666	64	34041	49.436	ug/l	96
7) Trichlorofluoromethane	1.874	101	94037	49.330	ug/l	99
8) Diethyl Ether	2.130	74	31387	48.367	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	58346	49.458	ug/l	99
10) Methyl Iodide	2.447	142	63859	45.747	ug/l	97
11) Tert butyl alcohol	2.971	59	56376	230.714	ug/l	100
12) 1,1-Dichloroethene	2.313	96	52277	47.216	ug/l	98
13) Acrolein	2.233	56	70117	251.965	ug/l	99
14) Allyl chloride	2.654	41	106967	50.551	ug/l	98
15) Acrylonitrile	3.062	53	177826	254.504	ug/l	98
16) Acetone	2.380	43	189608	271.654	ug/l	100
17) Carbon Disulfide	2.502	76	111331	42.413	ug/l	100
18) Methyl Acetate	2.703	43	95369	58.882	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	195614	50.394	ug/l	99
20) Methylene Chloride	2.782	84	61894	46.274	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	53213	47.791	ug/l	98
22) Diisopropyl ether	3.757	45	210321	51.456	ug/l	99
23) Vinyl Acetate	3.715	43	901801	250.847	ug/l	100
24) 1,1-Dichloroethane	3.599	63	114000	50.075	ug/l	98
25) 2-Butanone	4.550	43	261372	257.939	ug/l	98
26) 2,2-Dichloropropane	4.465	77	90002	50.509	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	65595	48.937	ug/l	99
28) Bromochloromethane	4.885	49	56249	51.330	ug/l	97
29) Tetrahydrofuran	5.001	42	158933	250.302	ug/l	98
30) Chloroform	5.080	83	120119	50.621	ug/l	97
31) Cyclohexane	5.458	56	95802	46.179	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	101925	49.551	ug/l	99
36) 1,1-Dichloropropene	5.684	75	75694	49.953	ug/l	99
37) Ethyl Acetate	4.708	43	95354	50.932	ug/l	99
38) Carbon Tetrachloride	5.666	117	87670	51.492	ug/l	98
39) Methylcyclohexane	7.373	83	94570	48.477	ug/l	97
40) Benzene	6.031	78	224850	50.659	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	55322	56.488	ug/l	99
42) 1,2-Dichloroethane	6.074	62	98310	51.320	ug/l	99
43) Isopropyl Acetate	6.336	43	150834	52.811	ug/l	99
44) Trichloroethene	7.117	130	53940	50.493	ug/l	99
45) 1,2-Dichloropropane	7.421	63	58604	53.100	ug/l	100
46) Dibromomethane	7.574	93	44609	51.247	ug/l	99
47) Bromodichloromethane	7.818	83	91884	53.594	ug/l	99
48) Methyl methacrylate	7.690	41	79914	54.787	ug/l	98
49) 1,4-Dioxane	7.653	88	27343	987.270	ug/l	96
51) 4-Methyl-2-Pentanone	8.568	43	508465	268.200	ug/l	100
52) Toluene	8.714	92	137807	50.634	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	81427	53.434	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	90578	53.779	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	56186	52.356	ug/l	97
56) Ethyl methacrylate	9.110	69	92870	54.299	ug/l	99
57) 1,3-Dichloropropane	9.305	76	98171	50.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	236236	270.923	ug/l	99
59) 2-Hexanone	9.427	43	381843	272.238	ug/l	99
60) Dibromochloromethane	9.519	129	64758	54.947	ug/l	100
61) 1,2-Dibromoethane	9.604	107	58041	52.037	ug/l	99
64) Tetrachloroethene	9.269	164	48323	50.728	ug/l	96
65) Chlorobenzene	10.073	112	149373	50.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	53333	53.002	ug/l	100
67) Ethyl Benzene	10.189	91	273453	52.643	ug/l	99
68) m/p-Xylenes	10.299	106	198602	104.536	ug/l	97
69) o-Xylene	10.640	106	97967	52.893	ug/l	98
70) Styrene	10.653	104	166748	54.959	ug/l	100
71) Bromoform	10.799	173	41450	54.866	ug/l #	99
73) Isopropylbenzene	10.957	105	264523	50.882	ug/l	100
74) N-amyl acetate	10.842	43	132516	51.584	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88776	48.729	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79683m	49.574	ug/l	
77) Bromobenzene	11.195	156	58353	48.347	ug/l	97
78) n-propylbenzene	11.299	91	315677	52.223	ug/l	100
79) 2-Chlorotoluene	11.360	91	191257	49.053	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	224208	51.623	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24336	49.292	ug/l	96
82) 4-Chlorotoluene	11.451	91	220564	51.011	ug/l	99
83) tert-Butylbenzene	11.713	119	224044	51.212	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	228136	51.869	ug/l	100
85) sec-Butylbenzene	11.890	105	283373	52.754	ug/l	99
86) p-Isopropyltoluene	12.006	119	234080	52.794	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	110571	50.197	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	111674	49.642	ug/l	100
89) n-Butylbenzene	12.329	91	209959	53.984	ug/l	100
90) Hexachloroethane	12.536	117	40287	51.574	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	109531	49.552	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20641	51.143	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	65150	51.316	ug/l	97
94) Hexachlorobutadiene	13.719	225	29022	52.341	ug/l	98
95) Naphthalene	13.774	128	227774	48.916	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67501	51.528	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

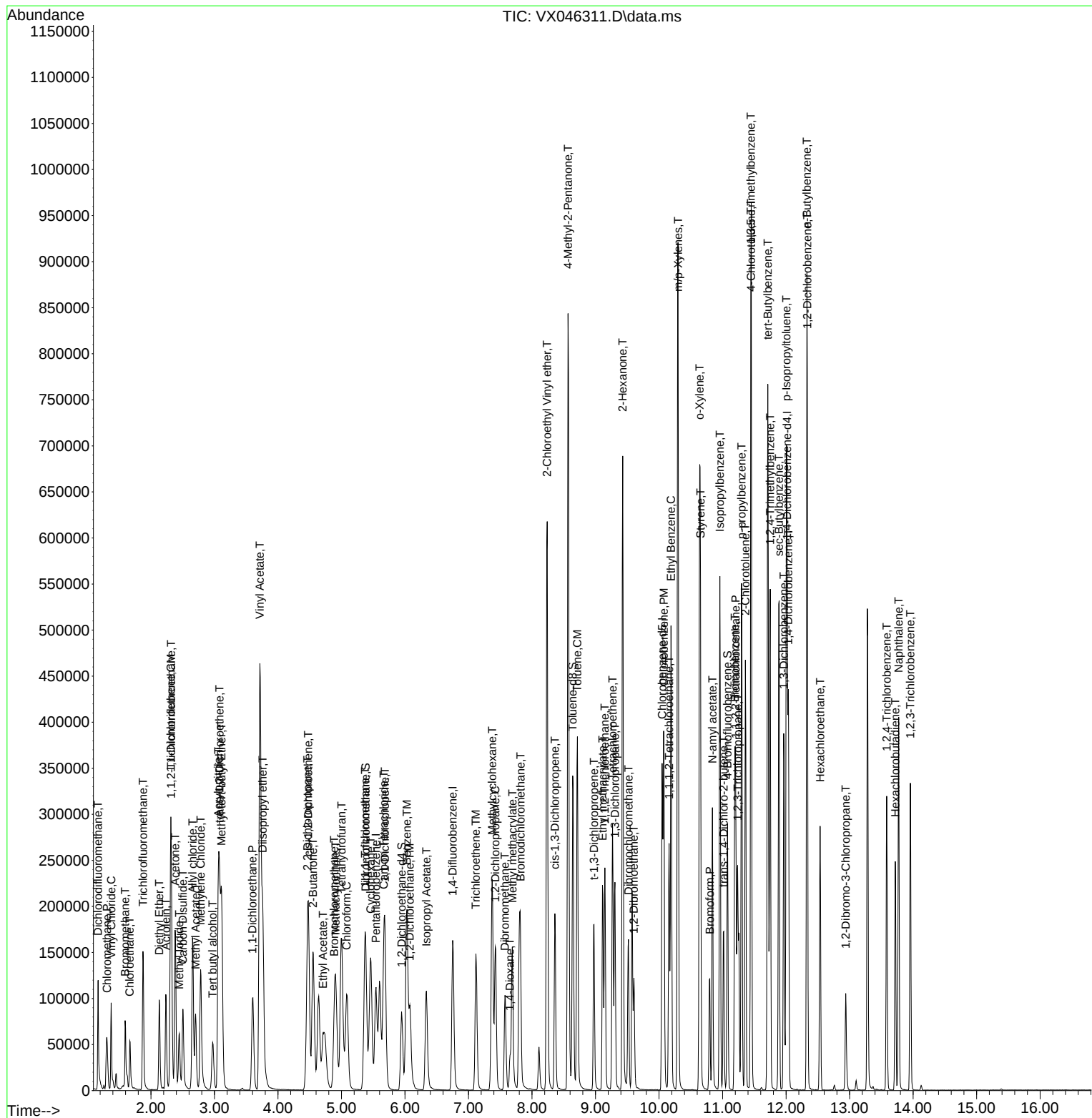
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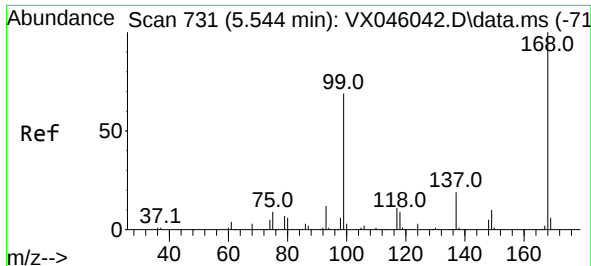
Instrument :
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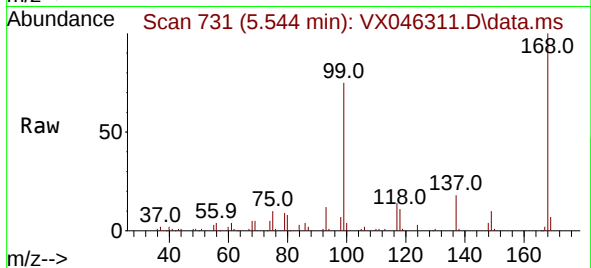
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046311.D
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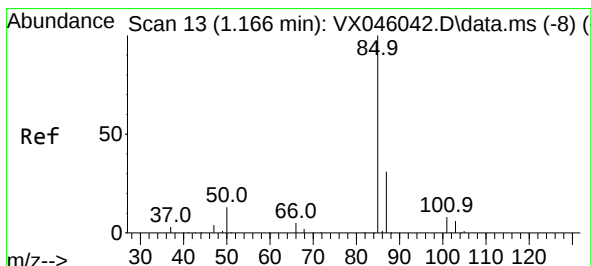
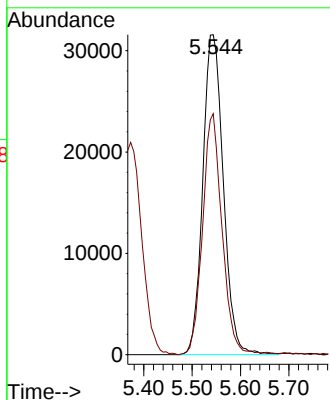
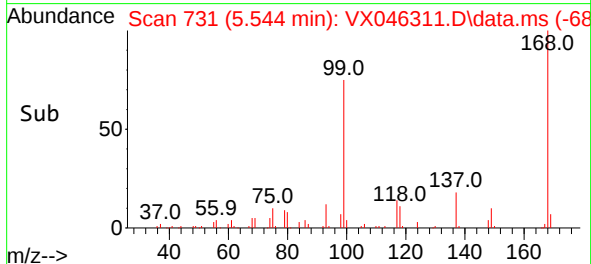
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 93374
Ion Ratio Lower Upper
168 100
99 75.3 54.9 82.3

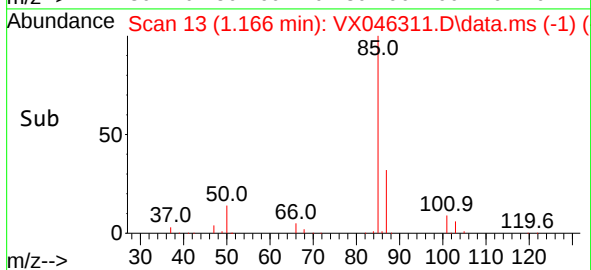
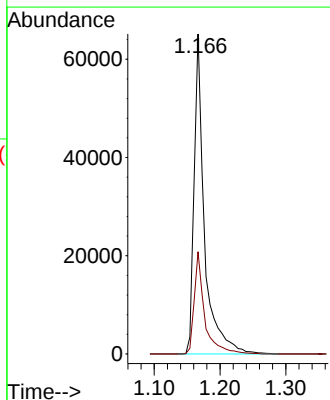
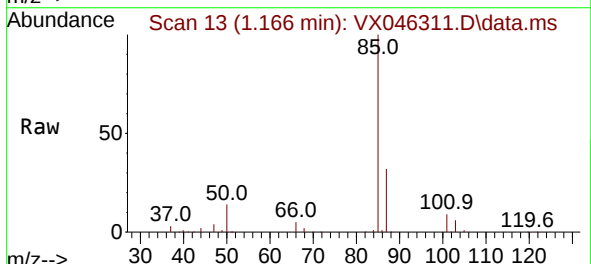
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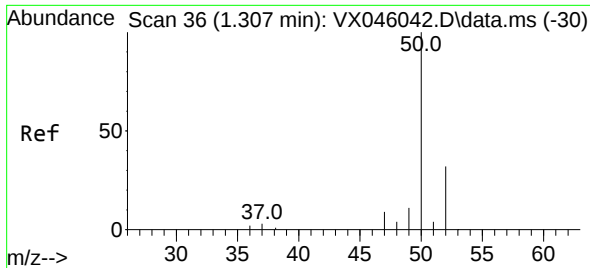
Reviewed By :John Carlone 05/23/2025
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#2
Dichlorodifluoromethane
Concen: 49.722 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046311.D
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Tgt Ion: 85 Resp: 71061
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.1





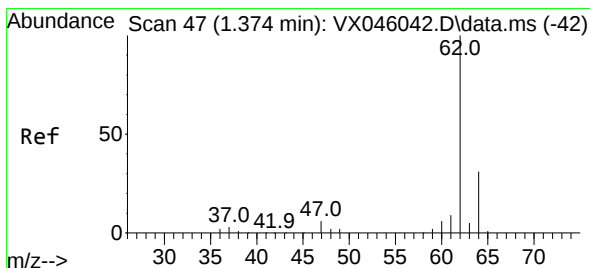
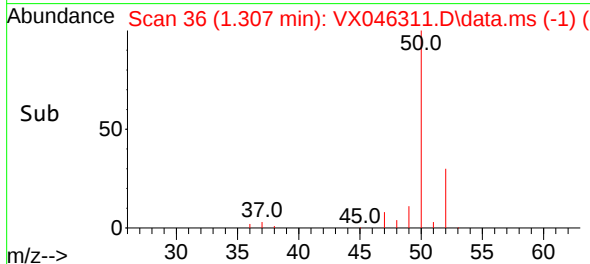
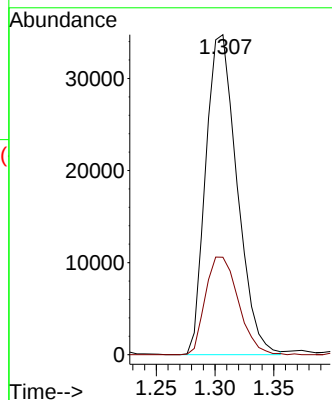
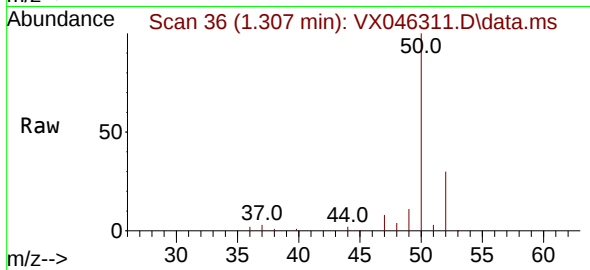
#3
Chloromethane
Concen: 46.457 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046311.D
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Tgt Ion: 50 Resp: 6438
Ion Ratio Lower Upper
50 100
52 30.4 25.4 38.2

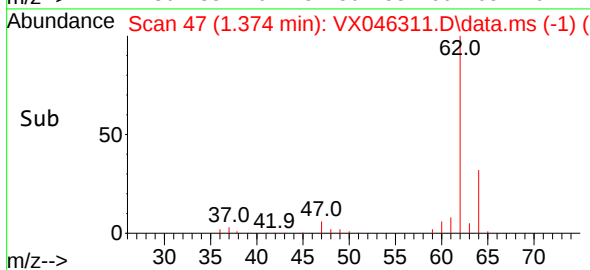
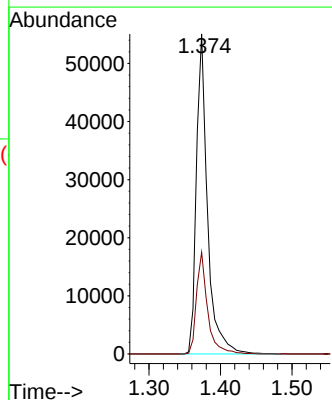
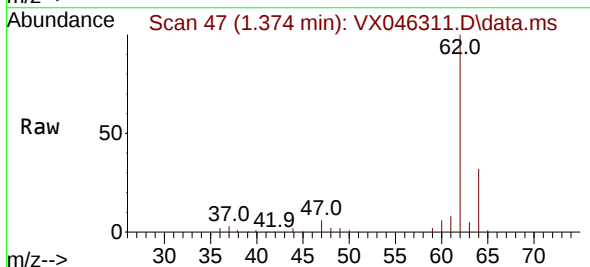
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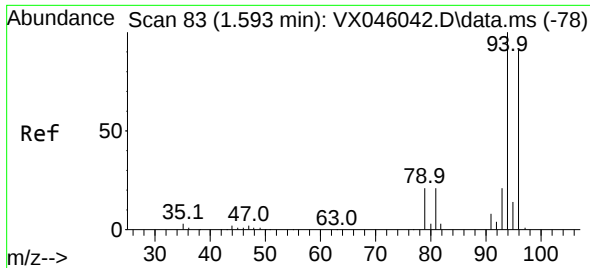
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#4
Vinyl Chloride
Concen: 45.964 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

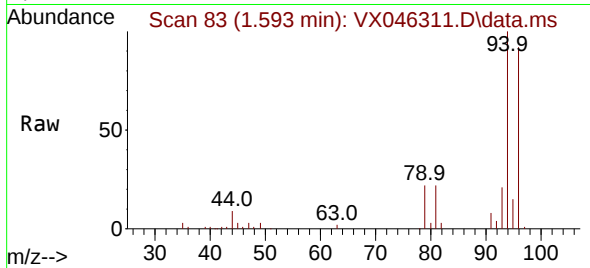
Tgt Ion: 62 Resp: 59287
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8





#5
Bromomethane
Concen: 45.520 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046311.D
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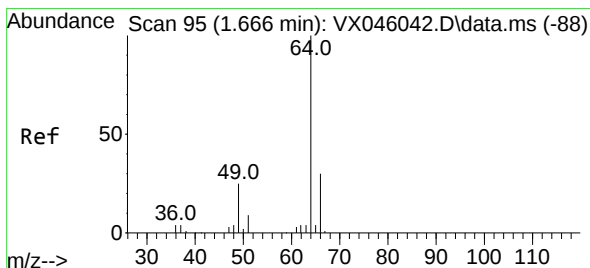
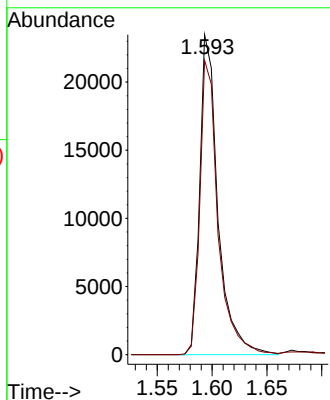
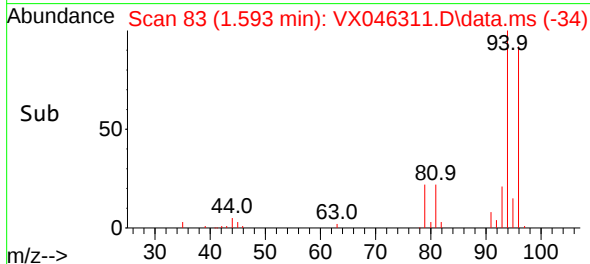
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Tgt Ion: 94 Resp: 2723
Ion Ratio Lower Upper
94 100
96 92.0 72.8 109.2

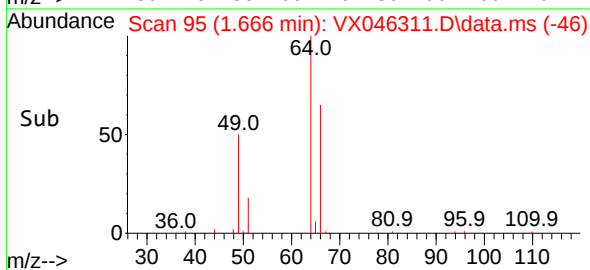
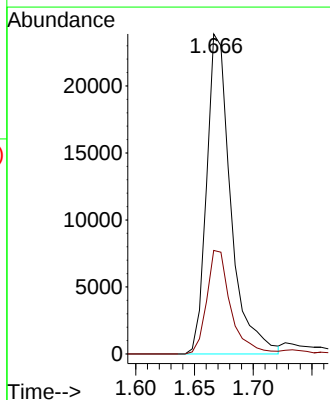
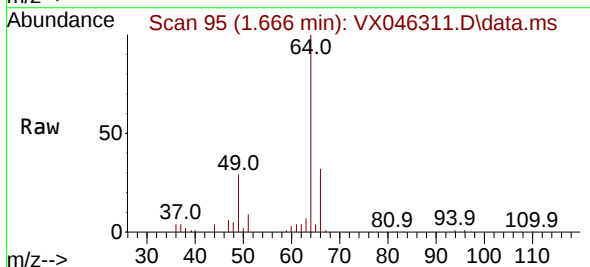
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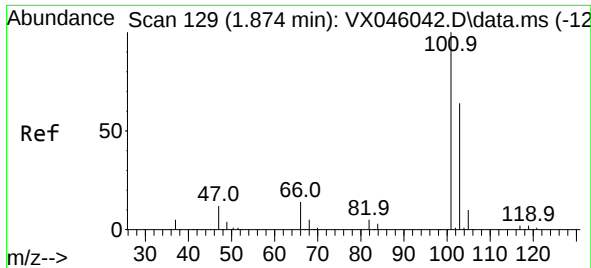
Reviewed By :John Carlone 05/23/2025
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#6
Chloroethane
Concen: 49.436 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046311.D
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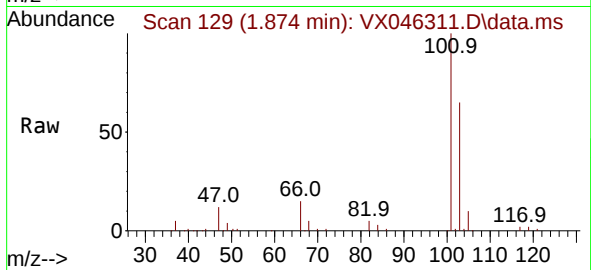
Tgt Ion: 64 Resp: 34041
Ion Ratio Lower Upper
64 100
66 32.4 24.3 36.5





#7
Trichlorofluoromethane
Concen: 49.330 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

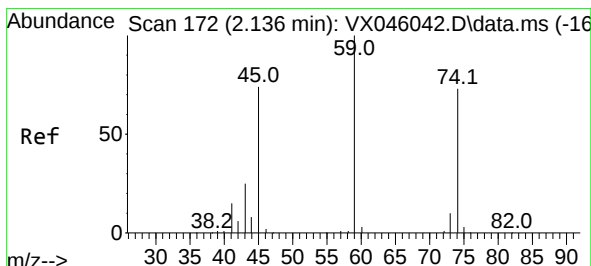
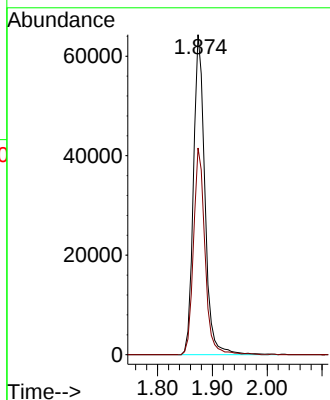
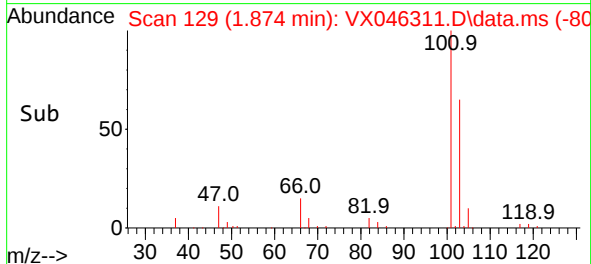
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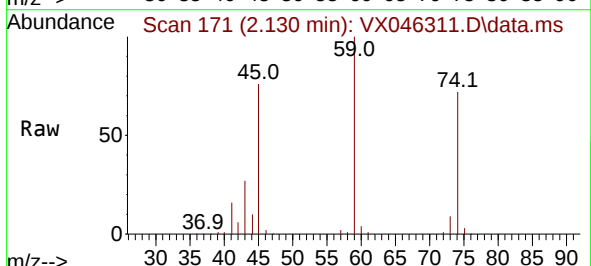
Tgt Ion:101 Resp: 9403
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4

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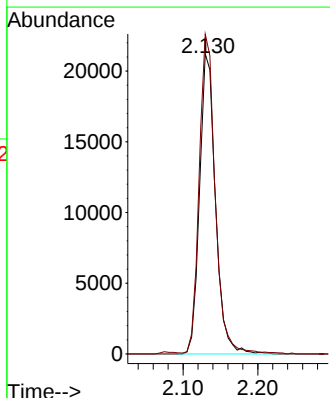
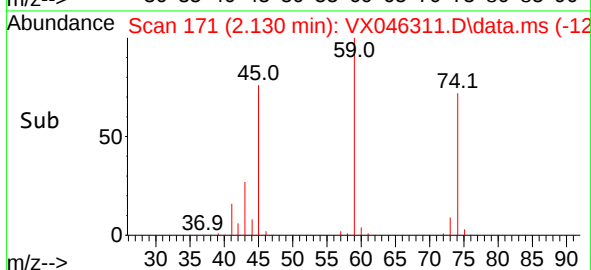
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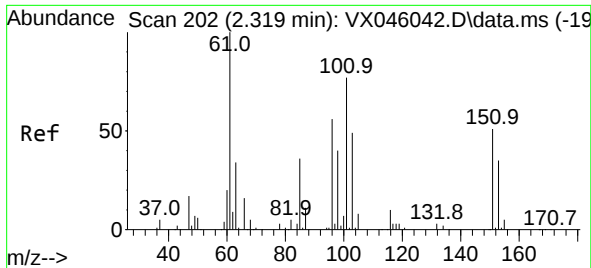


#8
Diethyl Ether
Concen: 48.367 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 31387
Ion Ratio Lower Upper
74 100
45 107.5 54.9 164.8





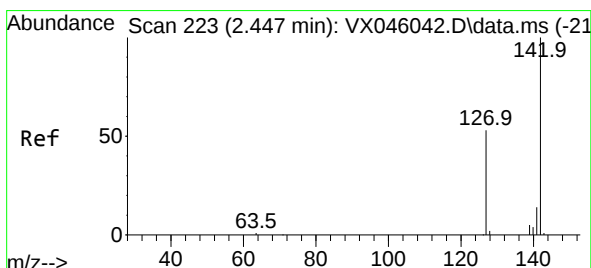
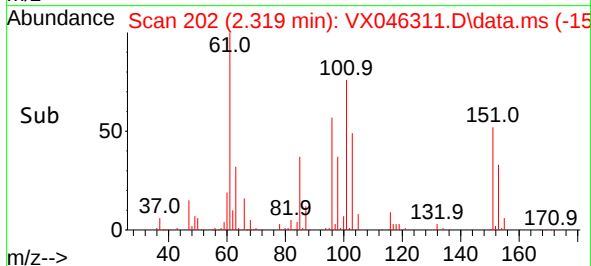
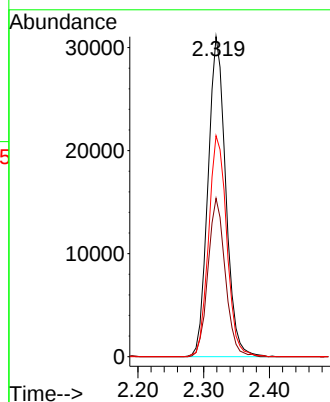
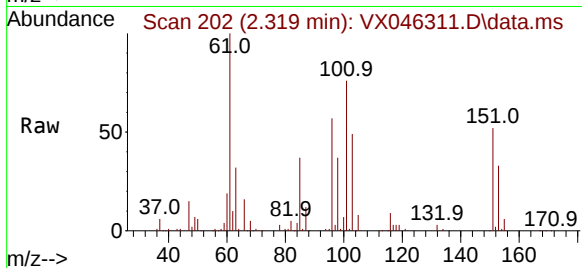
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.458 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 58340
Ion Ratio Lower Upper
101 100
85 48.1 38.6 58.0
151 70.7 55.2 82.8

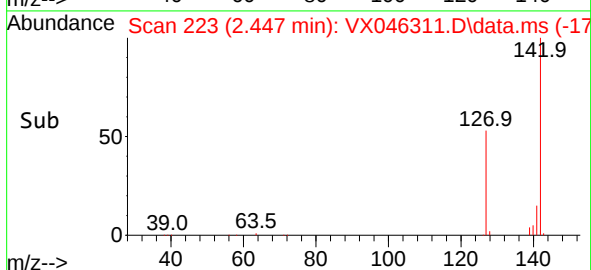
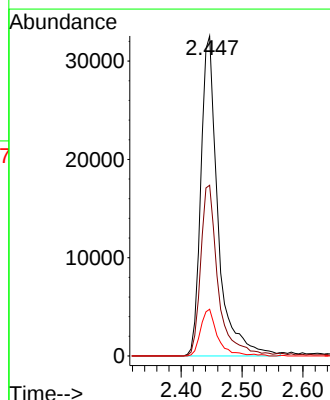
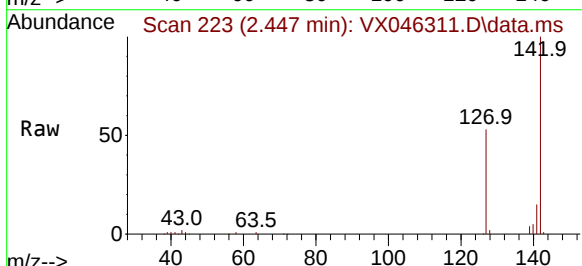
Manual Integrations
APPROVED

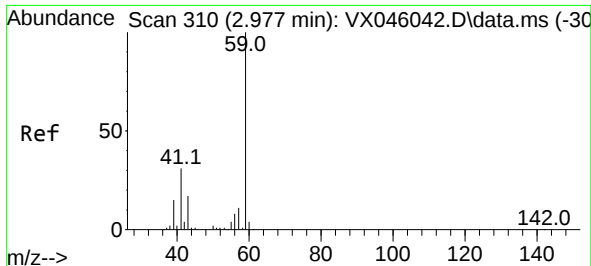
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#10
Methyl Iodide
Concen: 45.747 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

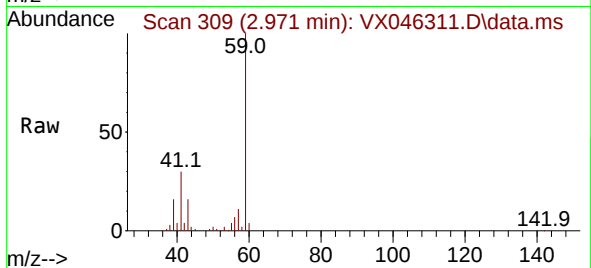
Tgt Ion:142 Resp: 63859
Ion Ratio Lower Upper
142 100
127 54.3 41.7 62.5
141 14.6 11.5 17.3





#11
Tert butyl alcohol
Concen: 230.714 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

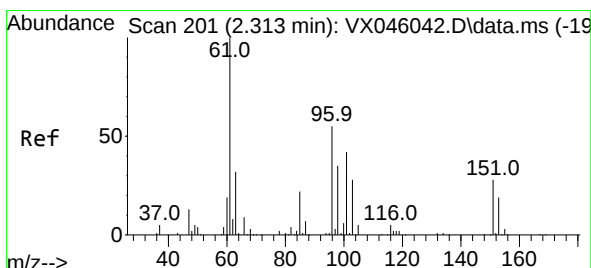
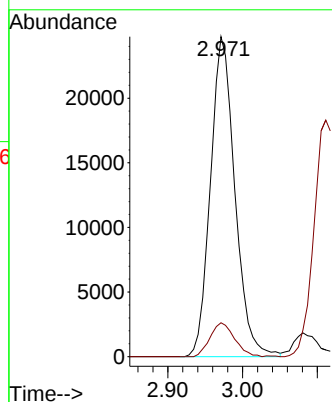
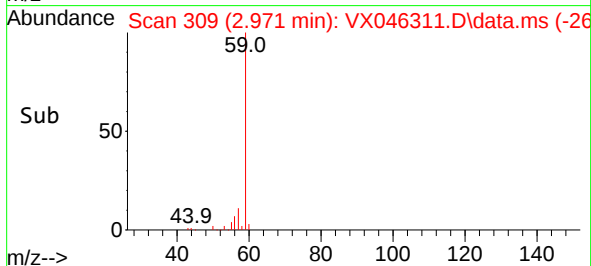
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 56370
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

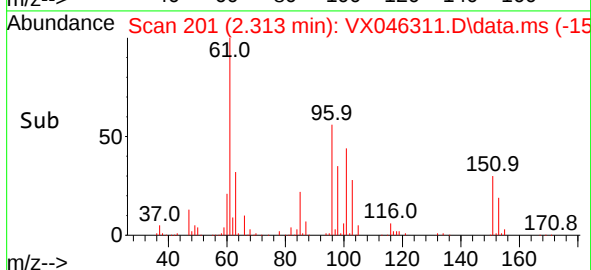
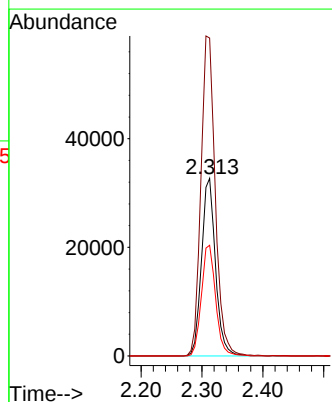
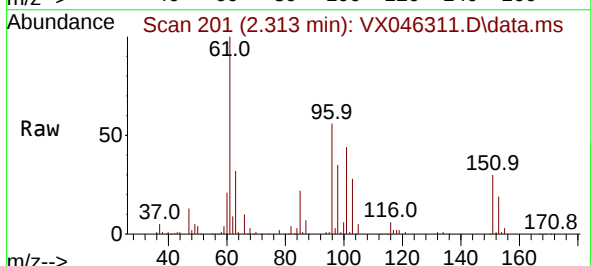
Manual Integrations
APPROVED

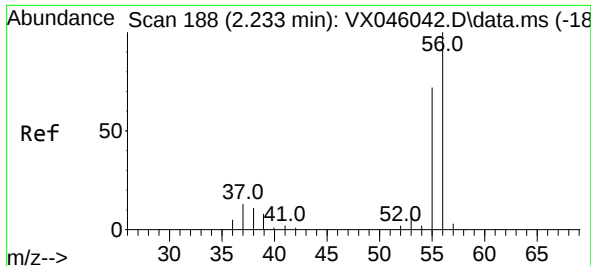
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#12
1,1-Dichloroethene
Concen: 47.216 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

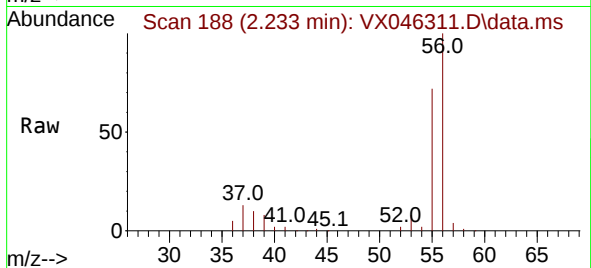
Tgt Ion: 96 Resp: 52277
Ion Ratio Lower Upper
96 100
61 179.0 146.2 219.2
98 62.4 51.0 76.6





#13
Acrolein
Concen: 251.965 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

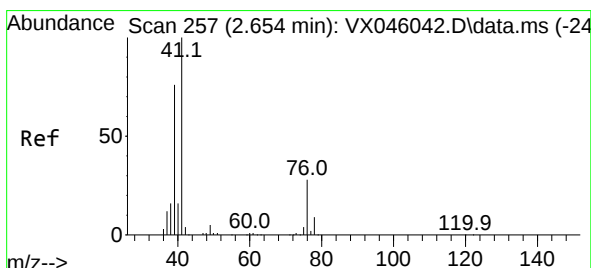
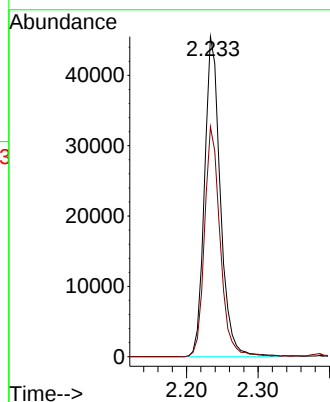
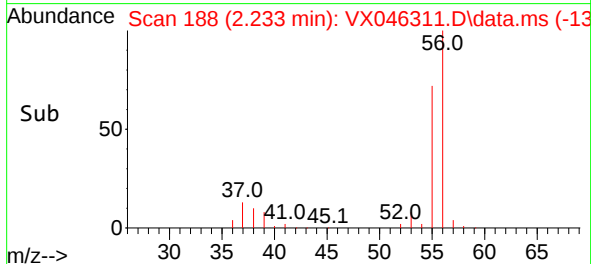
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7011
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.4

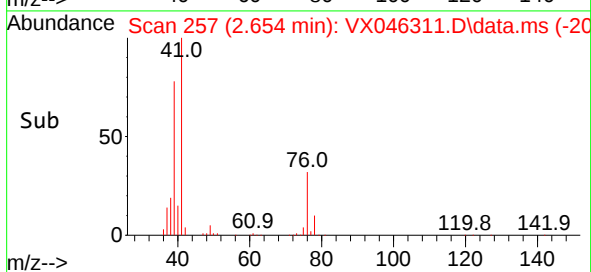
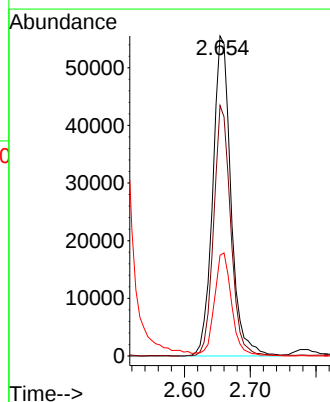
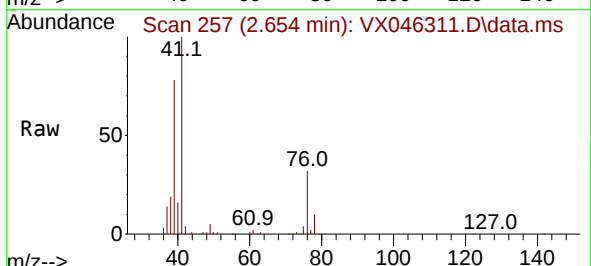
Manual Integrations
APPROVED

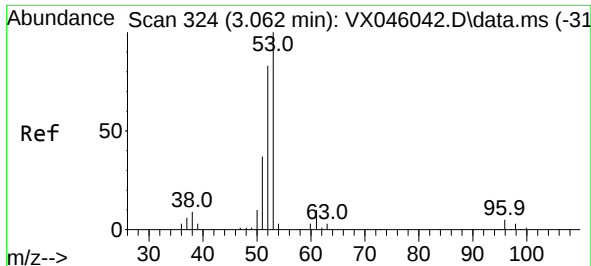
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#14
Allyl chloride
Concen: 50.551 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

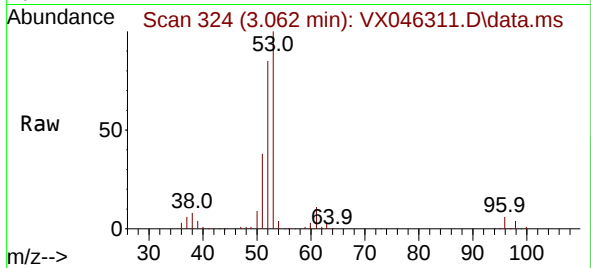
Tgt Ion: 41 Resp: 106967
Ion Ratio Lower Upper
41 100
39 73.2 60.6 90.8
76 30.4 24.9 37.3





#15
Acrylonitrile
Concen: 254.504 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

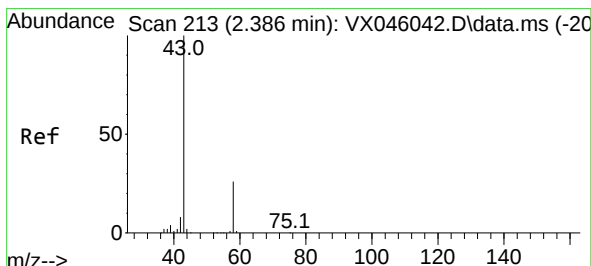
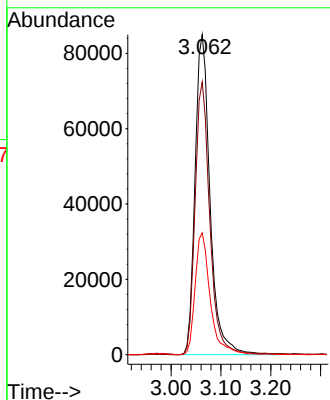
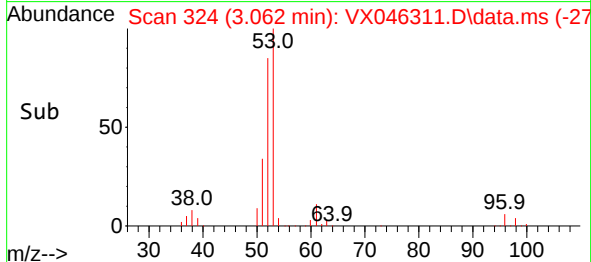
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 177820
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 38.5 29.8 44.8

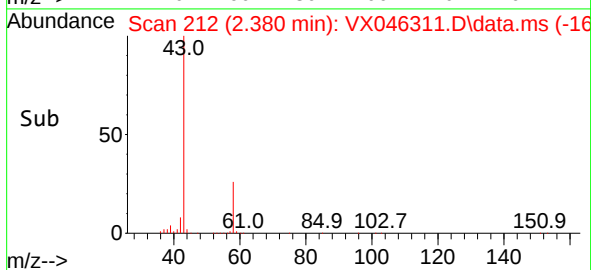
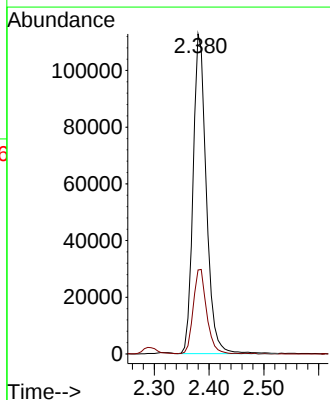
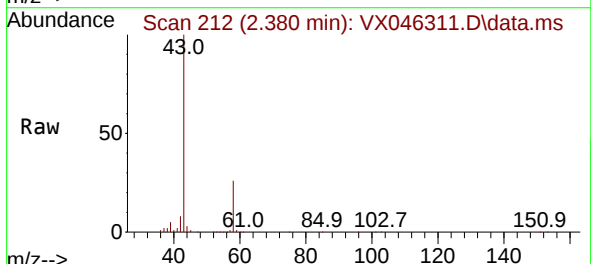
Manual Integrations
APPROVED

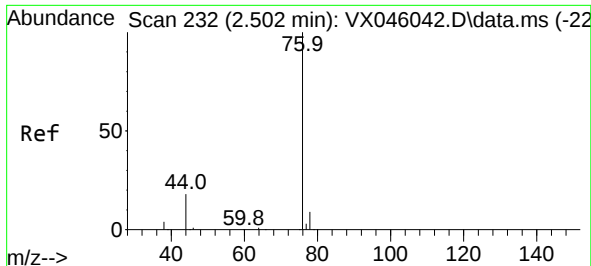
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#16
Acetone
Concen: 271.654 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion: 43 Resp: 189608
Ion Ratio Lower Upper
43 100
58 26.3 21.2 31.8





#17

Carbon Disulfide

Concen: 42.413 ug/l

RT: 2.502 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11133

Ion Ratio Lower Upper

76 100

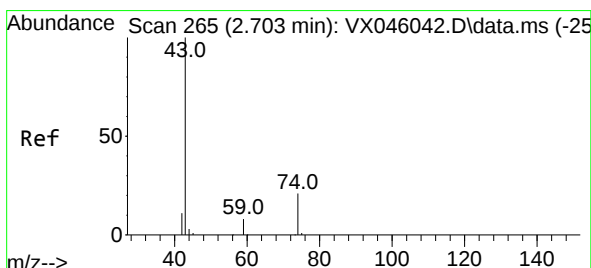
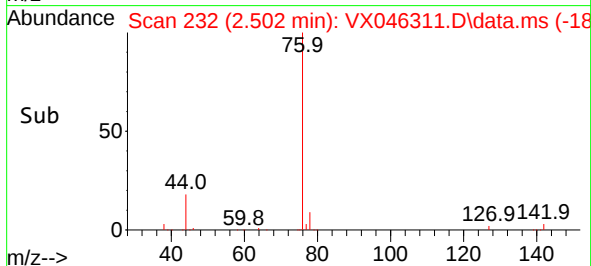
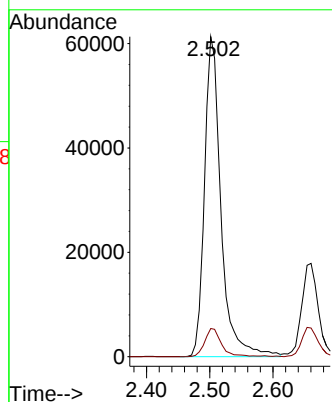
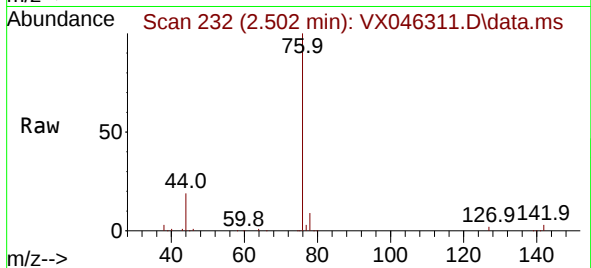
78 8.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#18

Methyl Acetate

Concen: 58.882 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046311.D

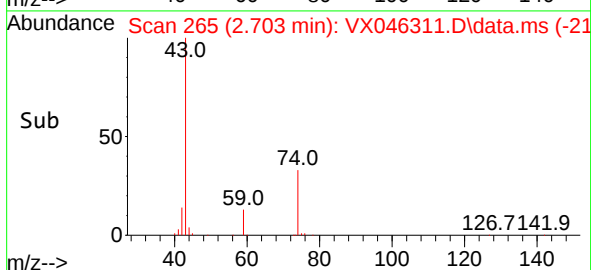
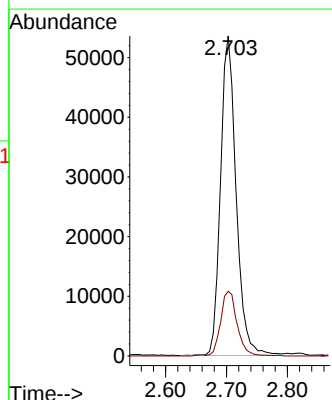
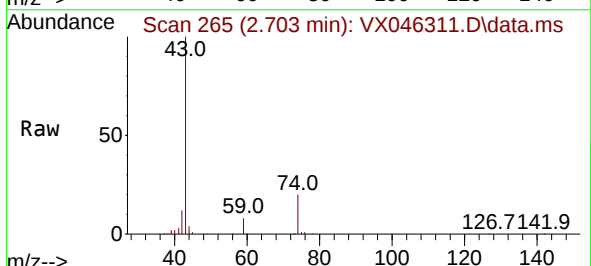
Acq: 22 May 2025 07:59

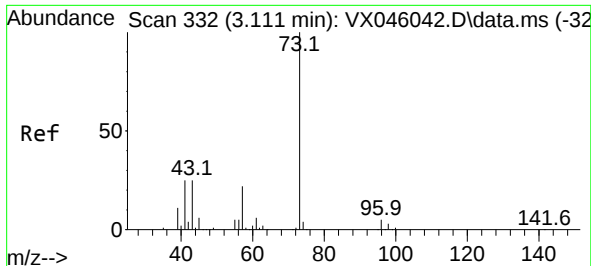
Tgt Ion: 43 Resp: 95369

Ion Ratio Lower Upper

43 100

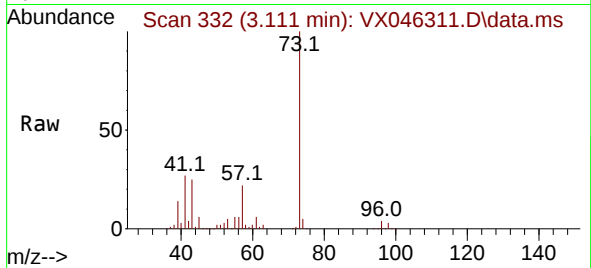
74 21.5 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 50.394 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

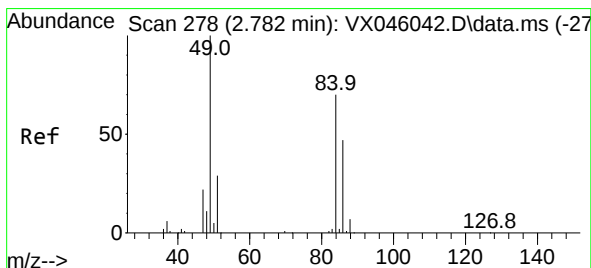
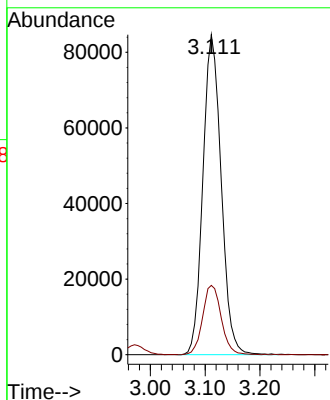
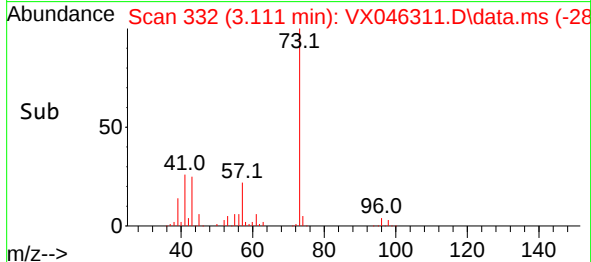
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 195614
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

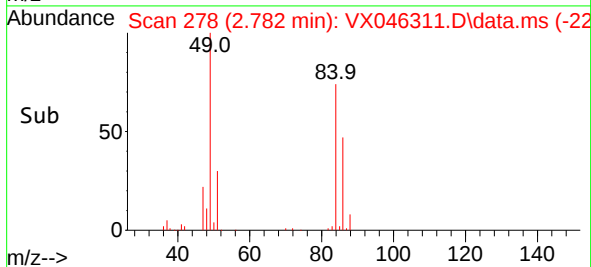
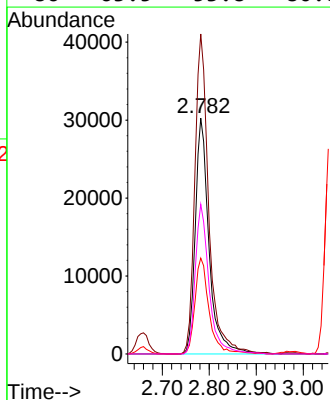
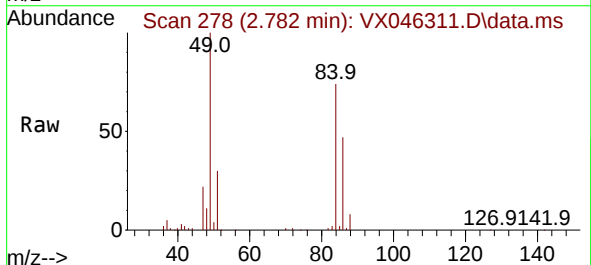
Manual Integrations
APPROVED

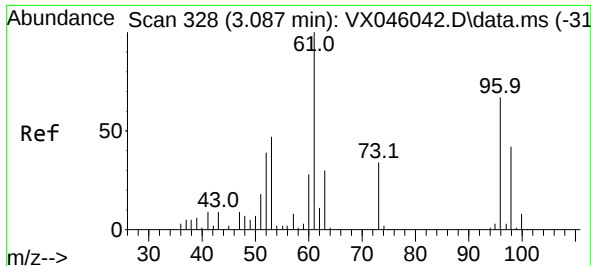
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#20
Methylene Chloride
Concen: 46.274 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

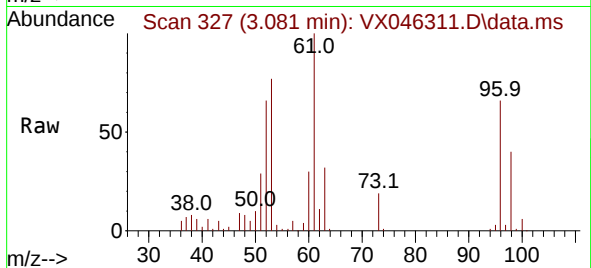
Tgt Ion: 84 Resp: 61894
Ion Ratio Lower Upper
84 100
49 135.7 113.9 170.9
51 40.7 33.5 50.3
86 63.5 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 47.791 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

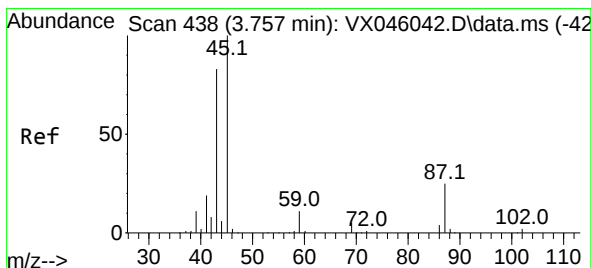
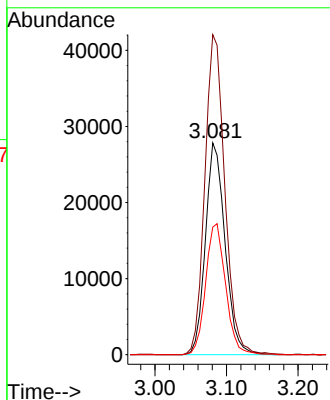
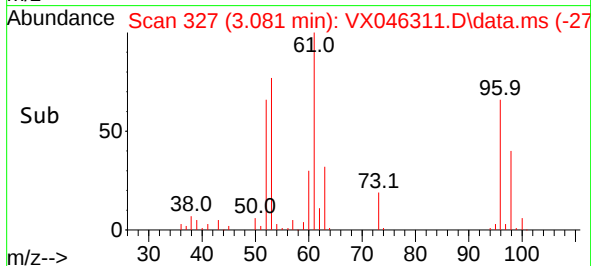
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



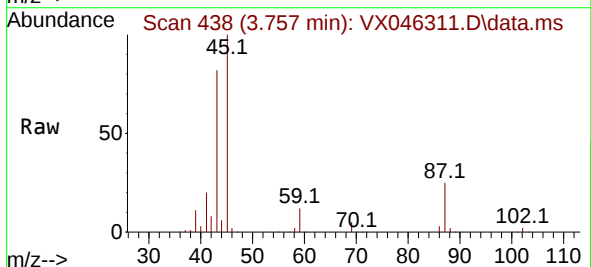
Tgt Ion: 96 Resp: 5321
Ion Ratio Lower Upper
96 100
61 151.0 119.5 179.3
98 60.2 50.0 75.0

Manual Integrations
APPROVED

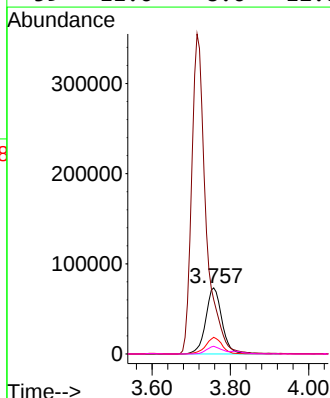
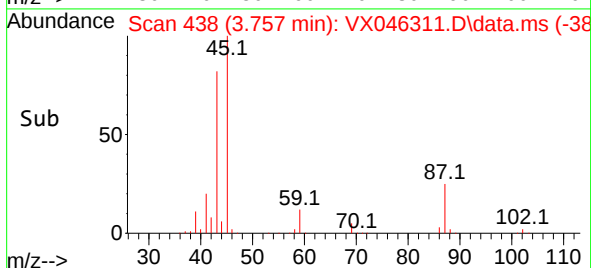
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

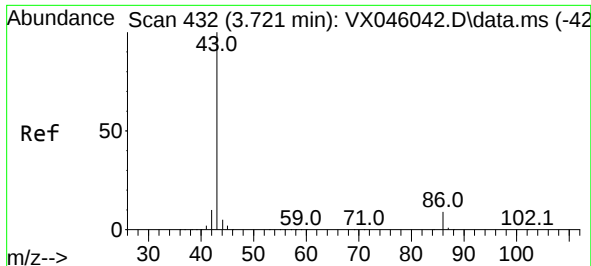


#22
Diisopropyl ether
Concen: 51.456 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59



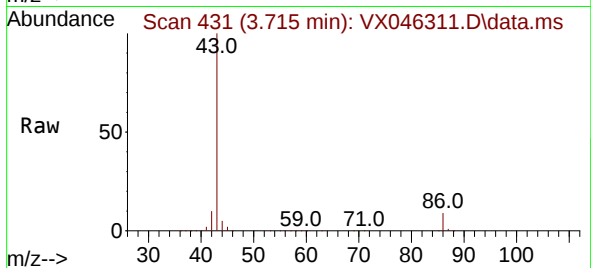
Tgt Ion: 45 Resp: 210321
Ion Ratio Lower Upper
45 100
43 82.0 66.6 100.0
87 25.2 19.8 29.6
59 11.6 8.6 12.8





#23
 Vinyl Acetate
 Concen: 250.847 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046311.D
 Acq: 22 May 2025 07:59

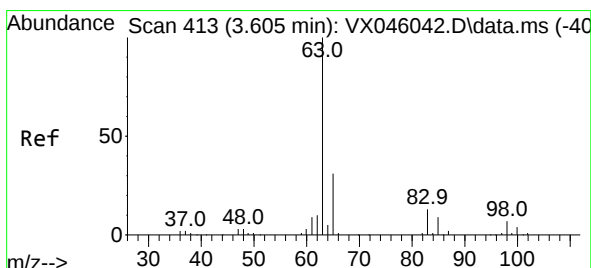
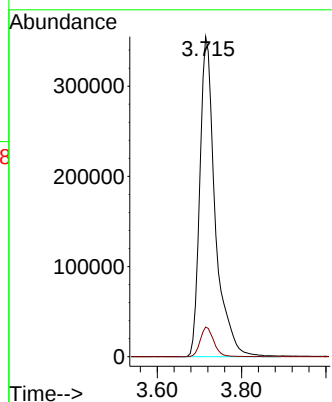
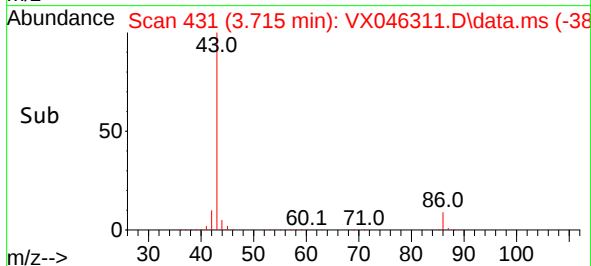
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



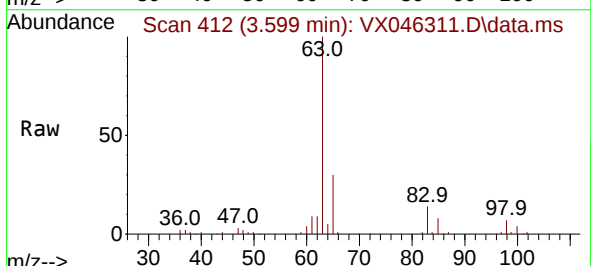
Tgt Ion: 43 Resp: 90180
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

Manual Integrations
 APPROVED

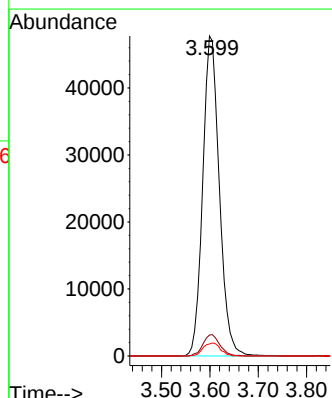
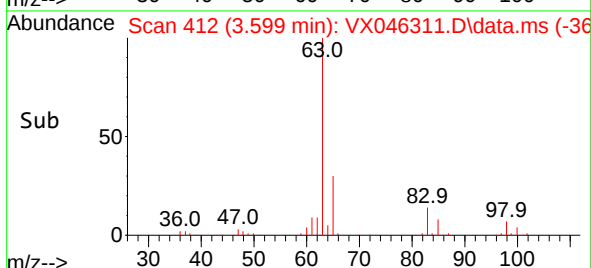
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

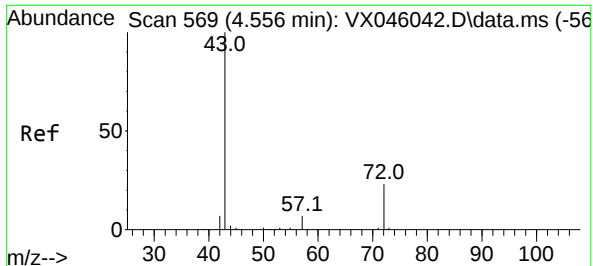


#24
 1,1-Dichloroethane
 Concen: 50.075 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046311.D
 Acq: 22 May 2025 07:59



Tgt Ion: 63 Resp: 114000
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 3.7 2.1 6.3





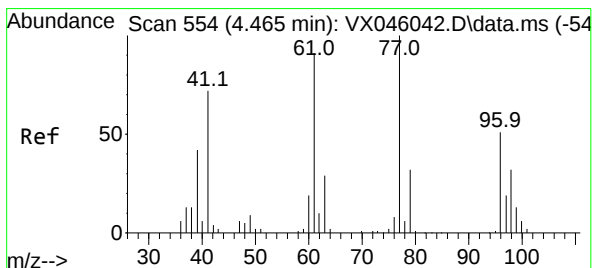
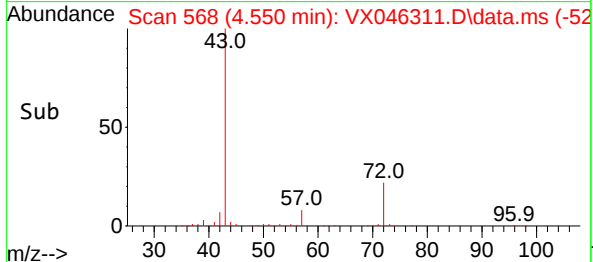
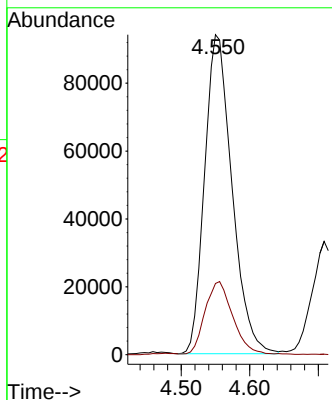
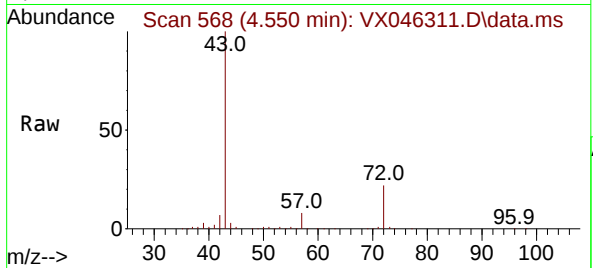
#25
2-Butanone
Concen: 257.939 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 261372
Ion Ratio Lower Upper
43 100
72 22.1 18.4 27.6

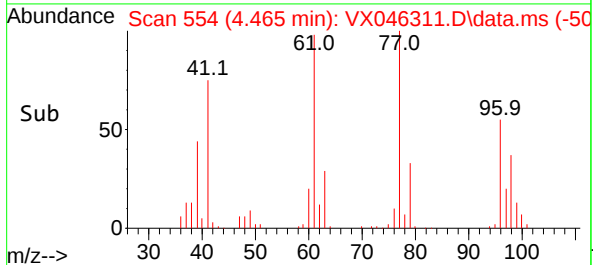
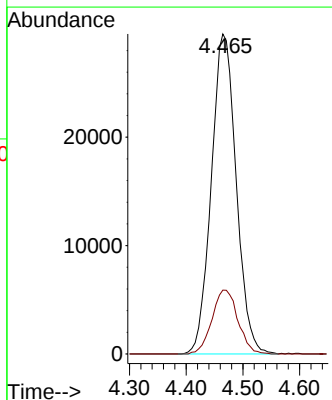
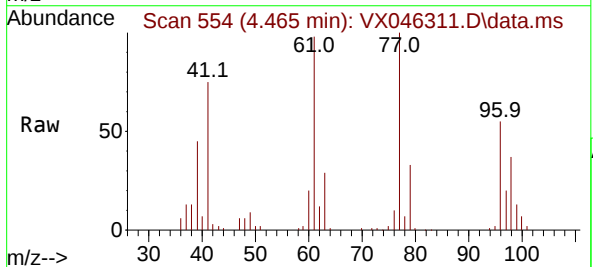
Manual Integrations
APPROVED

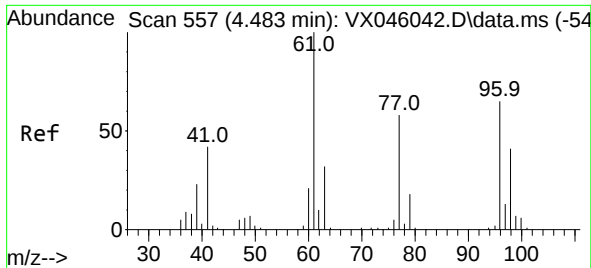
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#26
2,2-Dichloropropane
Concen: 50.509 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

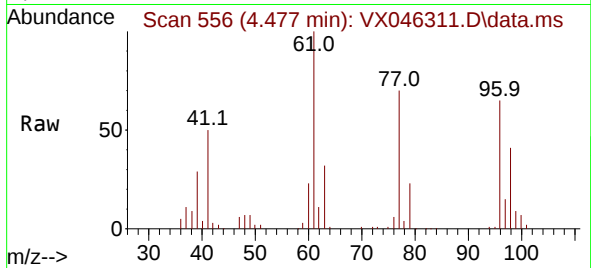
Tgt Ion: 77 Resp: 90002
Ion Ratio Lower Upper
77 100
97 20.8 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 48.937 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX046311.D
 Acq: 22 May 2025 07:59

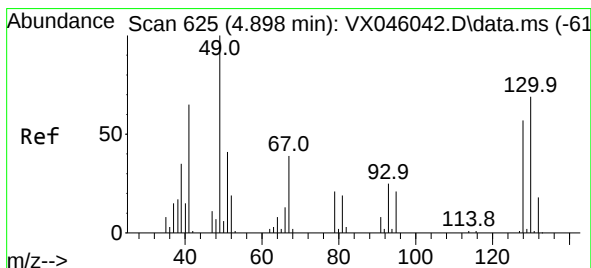
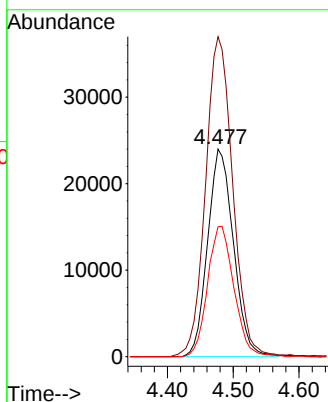
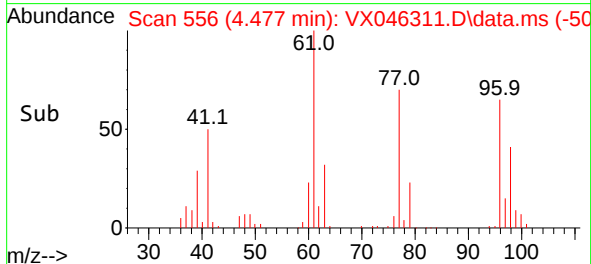
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 6559
 Ion Ratio Lower Upper
 96 100
 61 162.4 0.0 322.8
 98 64.0 0.0 129.0

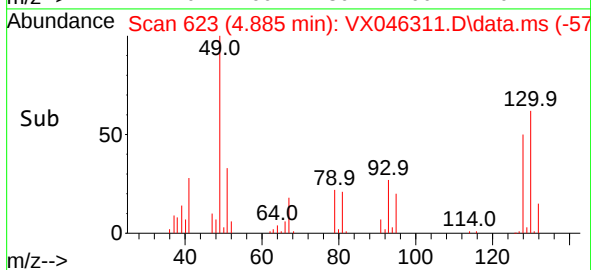
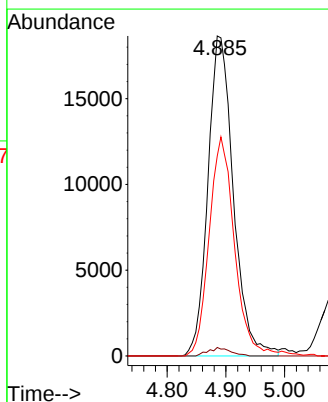
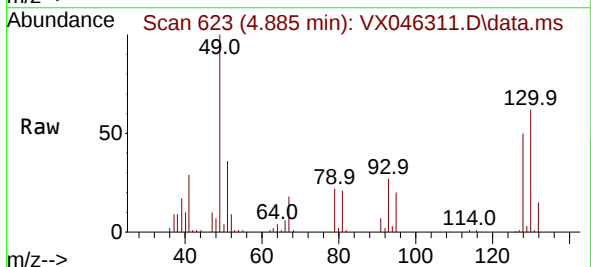
Manual Integrations
 APPROVED

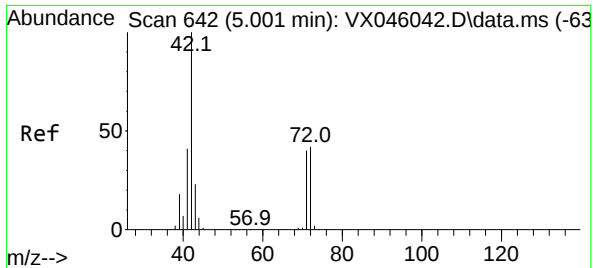
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#28
 Bromochloromethane
 Concen: 51.330 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX046311.D
 Acq: 22 May 2025 07:59

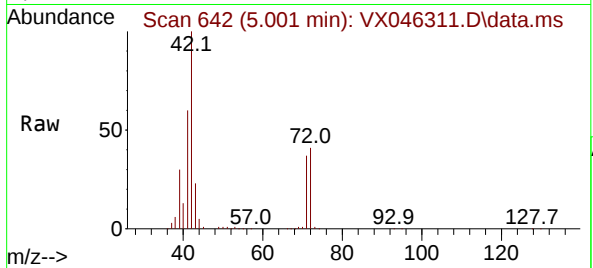
Tgt Ion: 49 Resp: 56249
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 67.6 56.2 84.2





#29
Tetrahydrofuran
Concen: 250.302 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

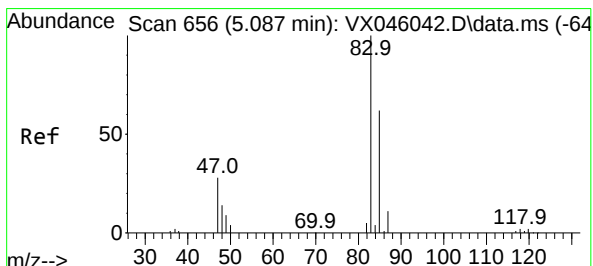
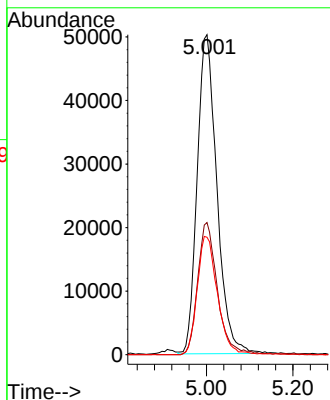
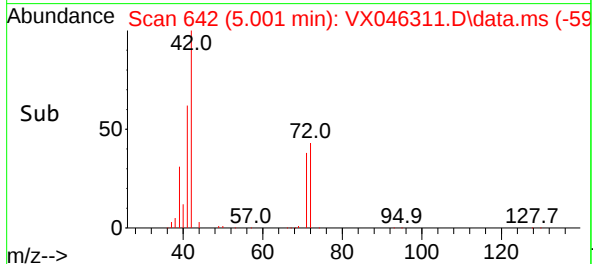
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 158933
Ion Ratio Lower Upper
42 100
72 41.4 33.7 50.5
71 37.9 31.4 47.2

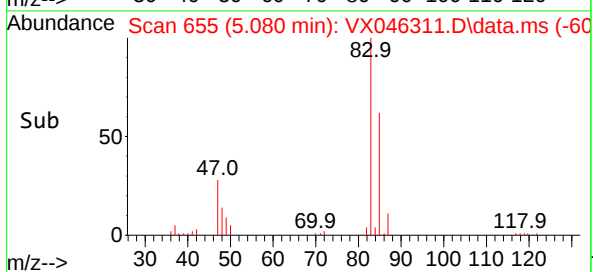
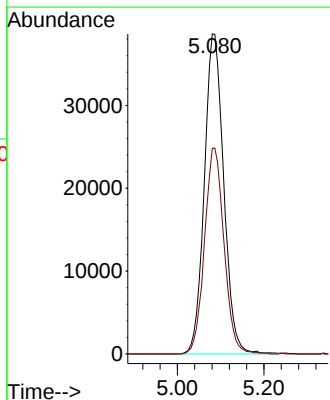
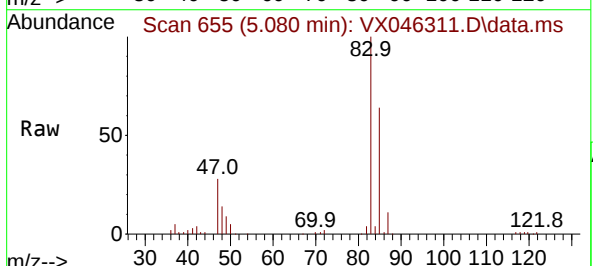
Manual Integrations
APPROVED

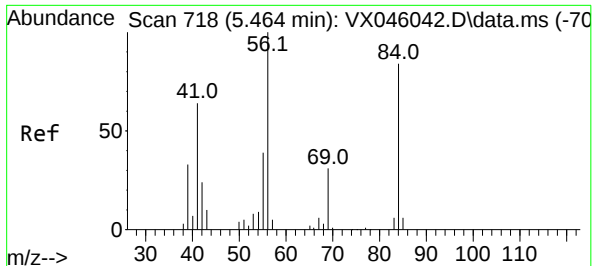
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#30
Chloroform
Concen: 50.621 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion: 83 Resp: 120119
Ion Ratio Lower Upper
83 100
85 64.3 49.3 73.9





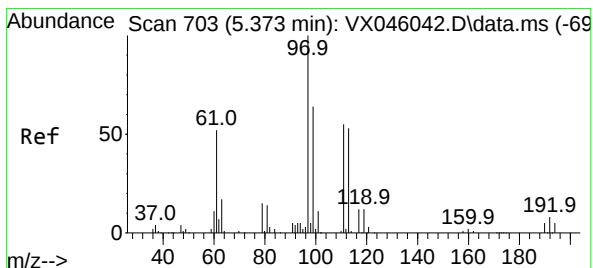
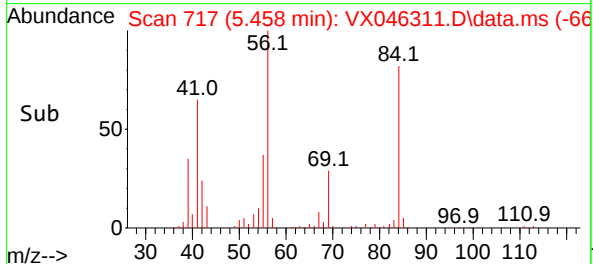
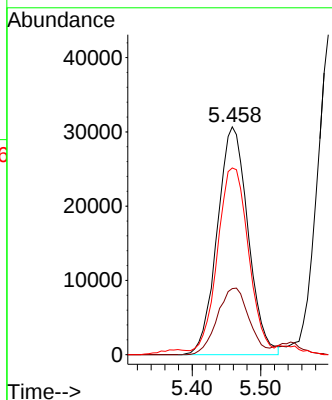
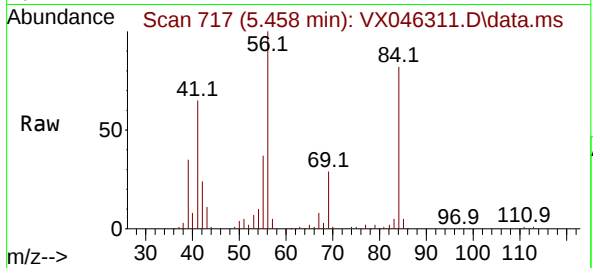
#31
Cyclohexane
Concen: 46.179 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 95802
Ion Ratio Lower Upper
56 100
69 29.0 24.4 36.6
84 79.7 66.9 100.3

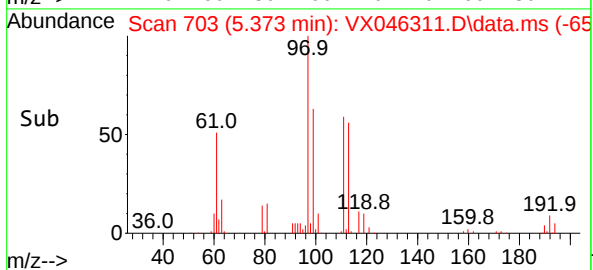
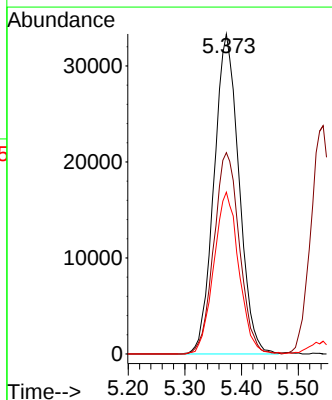
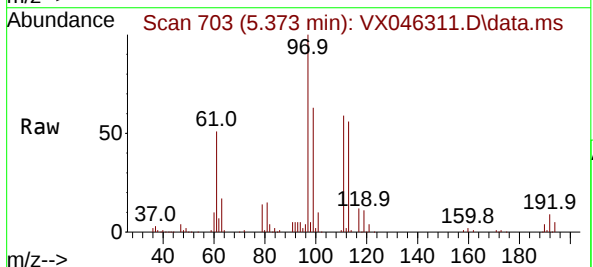
Manual Integrations
APPROVED

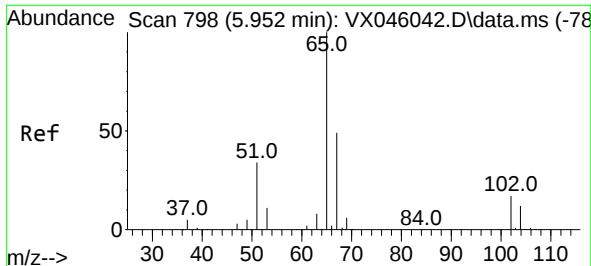
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#32
1,1,1-Trichloroethane
Concen: 49.551 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion: 97 Resp: 101925
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 50.8 40.1 60.1





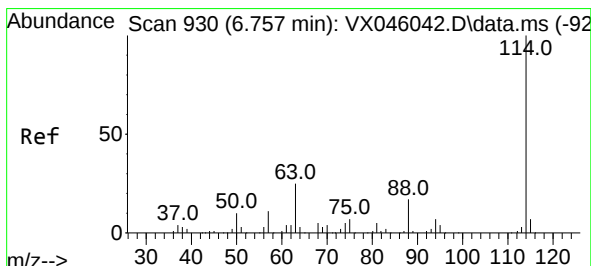
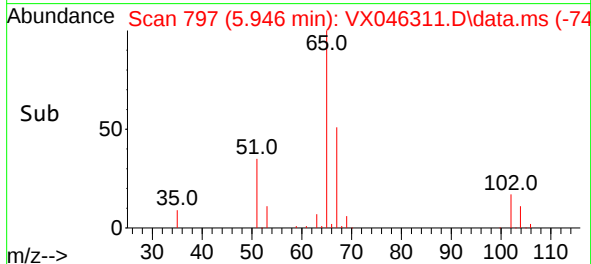
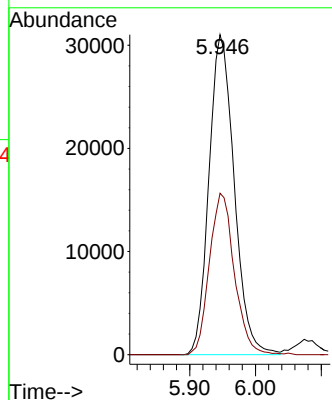
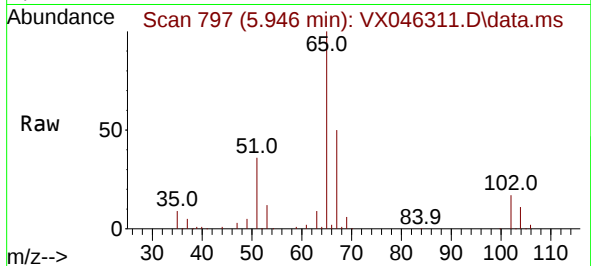
#33
1,2-Dichloroethane-d4
Concen: 47.574 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 82810
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

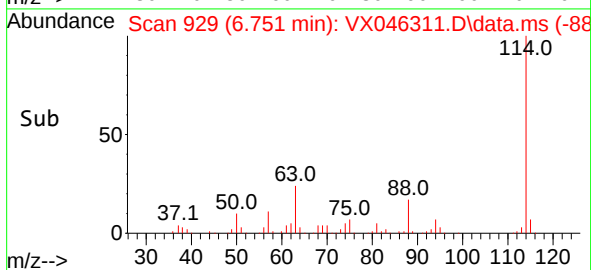
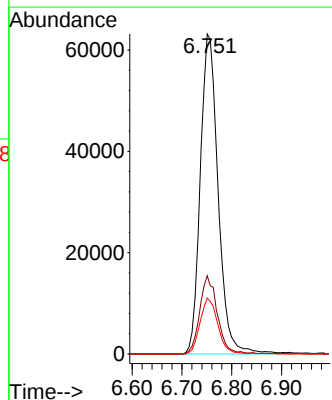
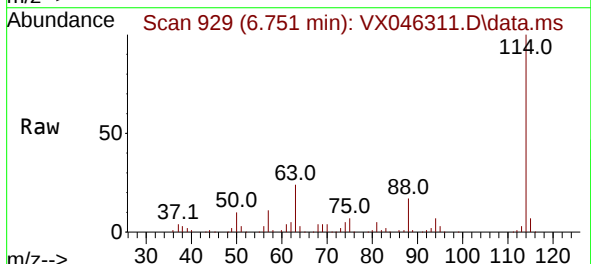
Manual Integrations
APPROVED

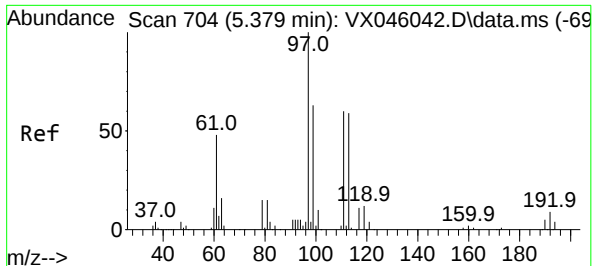
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion:114 Resp: 156616
Ion Ratio Lower Upper
114 100
63 24.4 0.0 49.2
88 17.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.339 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

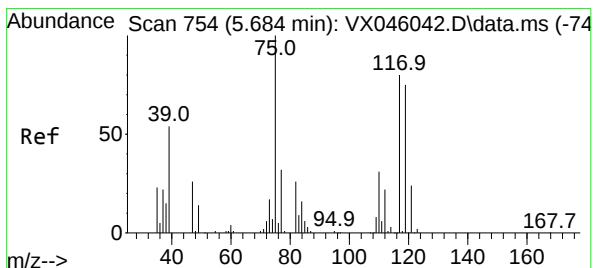
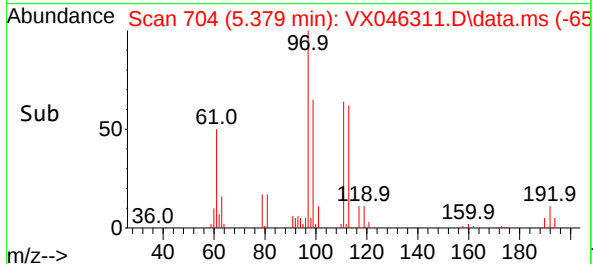
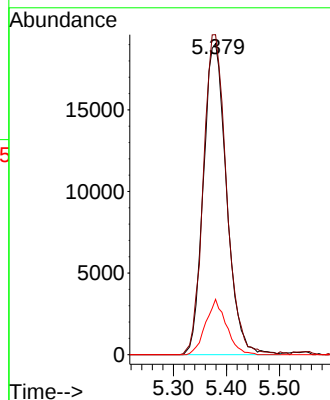
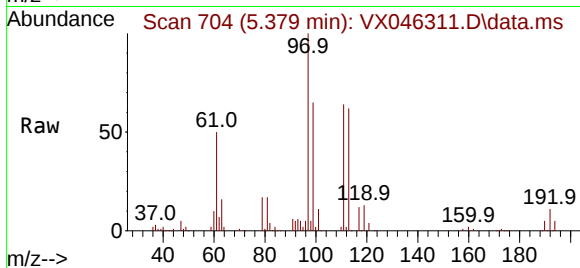
Tgt Ion:	113	Resp:	57900
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	16.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#36

1,1-Dichloropropene

Concen: 49.953 ug/l

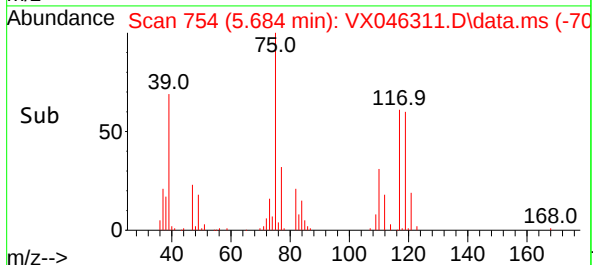
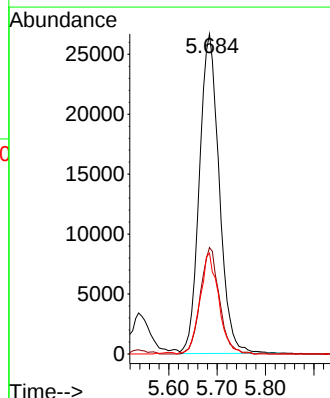
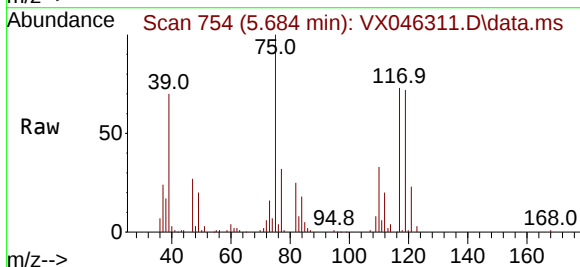
RT: 5.684 min Scan# 754

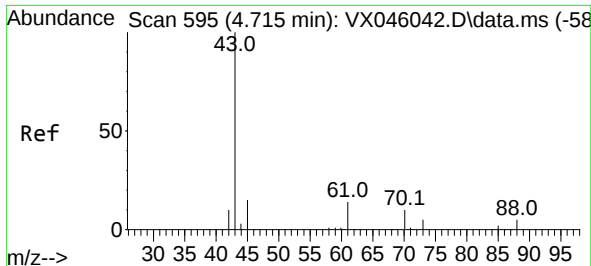
Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Tgt Ion:	75	Resp:	75694
Ion	Ratio	Lower	Upper
75	100		
110	32.0	16.3	48.9
77	30.0	24.3	36.5





#37

Ethyl Acetate

Concen: 50.932 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 95354

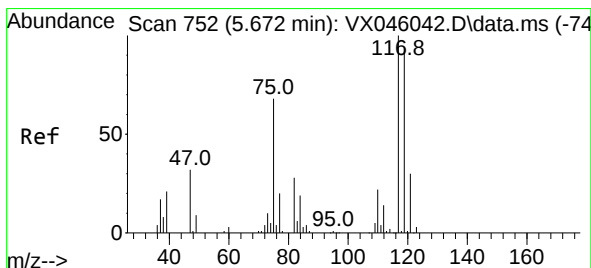
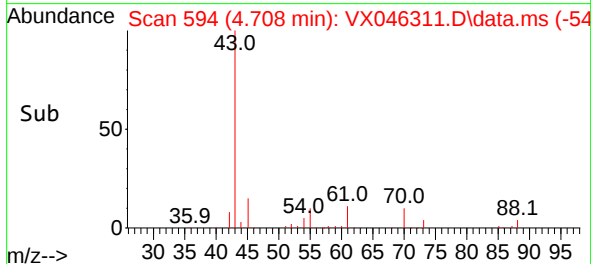
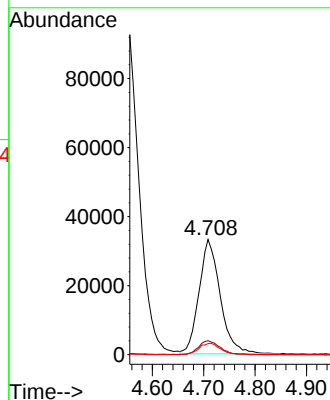
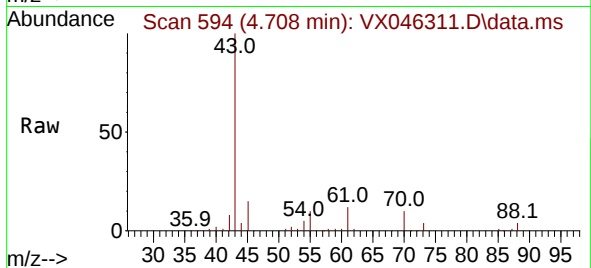
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.3	15.5
70	10.0	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#38

Carbon Tetrachloride

Concen: 51.492 ug/l

RT: 5.666 min Scan# 751

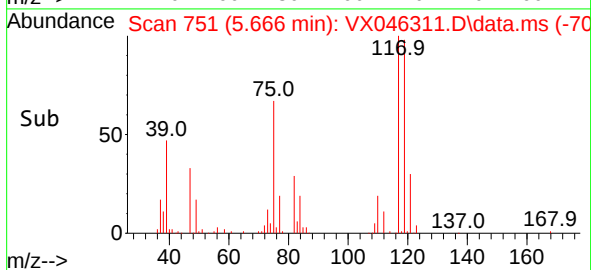
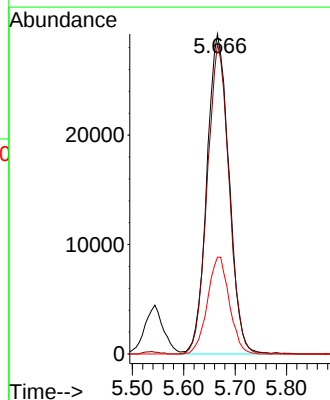
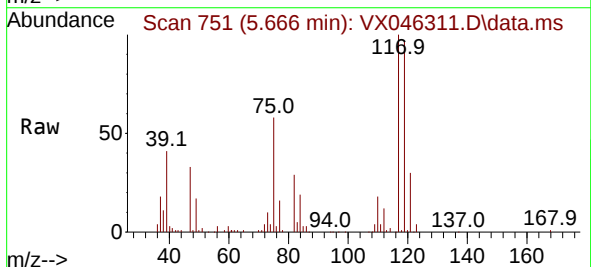
Delta R.T. -0.006 min

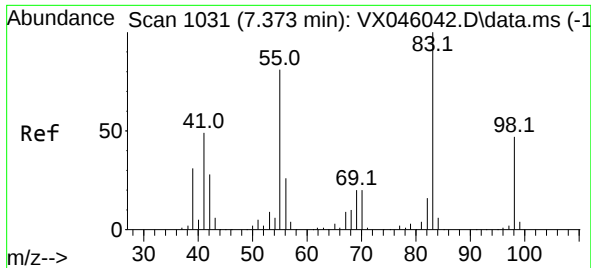
Lab File: VX046311.D

Acq: 22 May 2025 07:59

Tgt Ion:117 Resp: 87670

Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.2	112.8
121	30.3	24.2	36.4





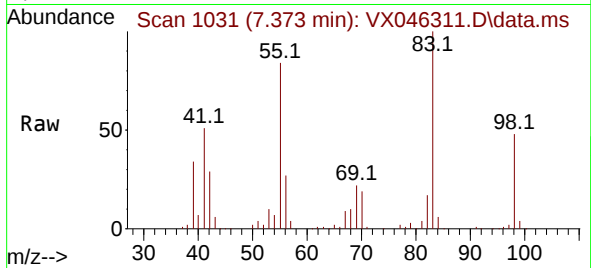
#39
Methylcyclohexane
Concen: 48.477 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



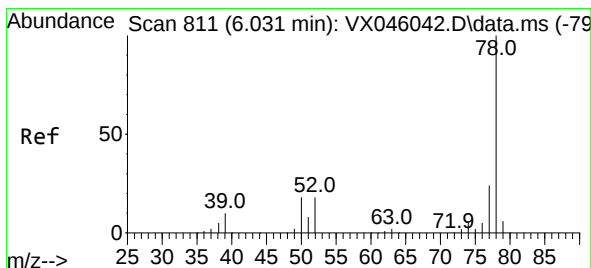
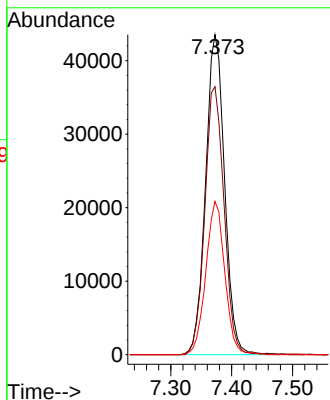
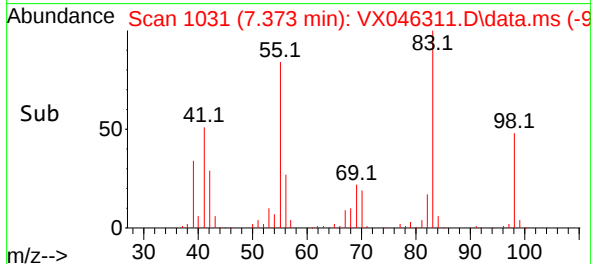
Tgt Ion: 83 Resp: 94570
Ion Ratio Lower Upper
83 100
55 83.8 64.7 97.1
98 47.9 37.4 56.2

Manual Integrations

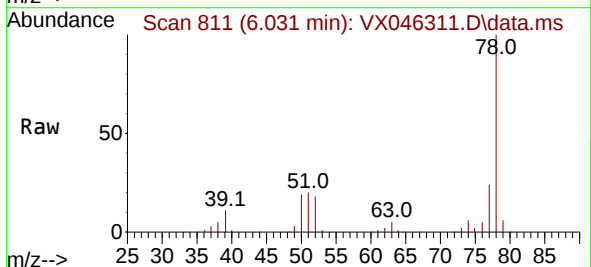
APPROVED

Reviewed By :John Carlone 05/23/2025

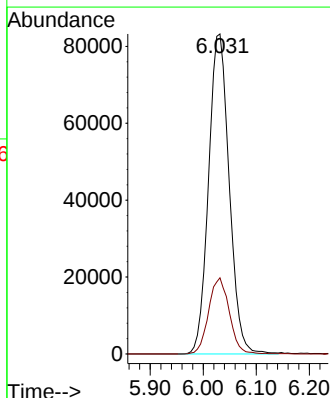
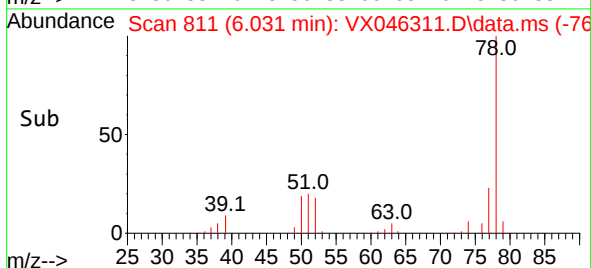
Supervised By :Mahesh Dadoda 05/23/2025

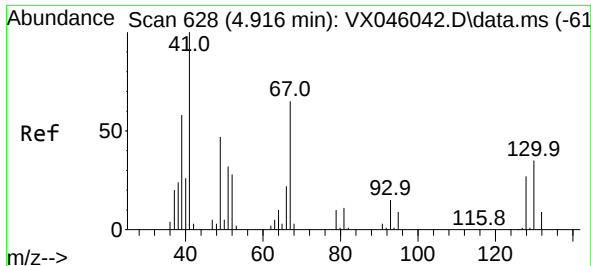


#40
Benzene
Concen: 50.659 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59



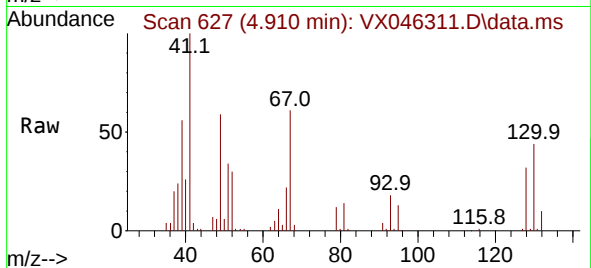
Tgt Ion: 78 Resp: 224850
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 56.488 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

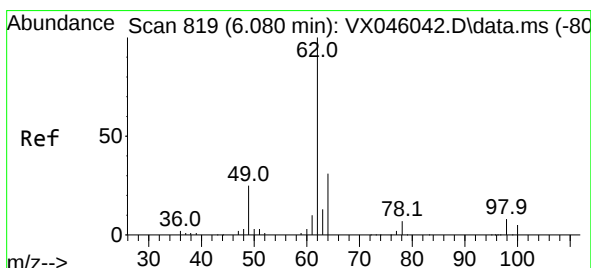
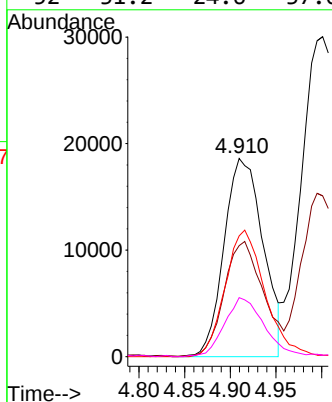
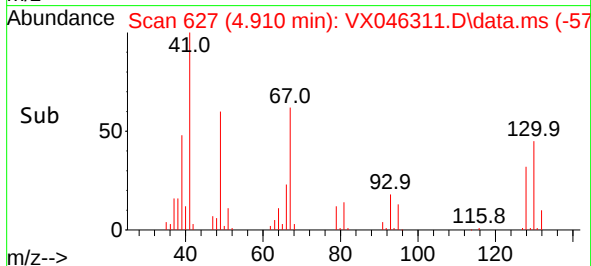
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5532
Ion Ratio Lower Upper
41 100
39 58.4 47.2 70.8
67 65.0 50.7 76.1
52 31.2 24.6 37.0

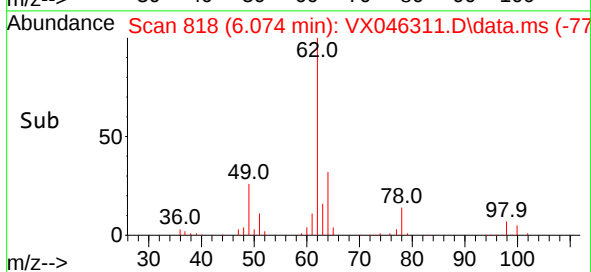
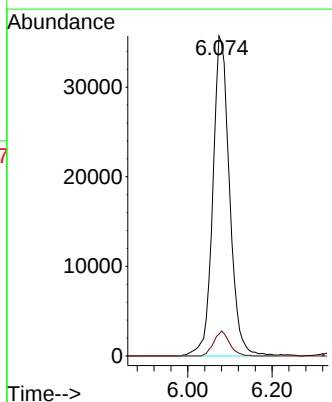
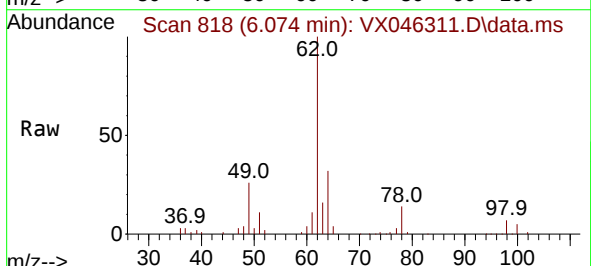
Manual Integrations
APPROVED

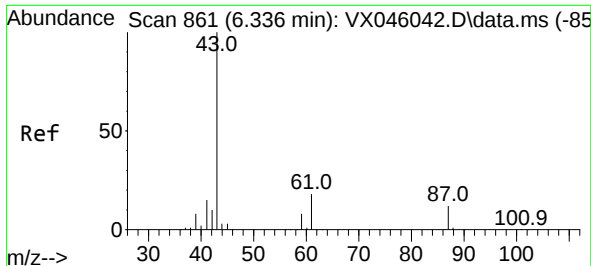
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#42
1,2-Dichloroethane
Concen: 51.320 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion: 62 Resp: 98310
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.2





#43

Isopropyl Acetate

Concen: 52.811 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX046311.D

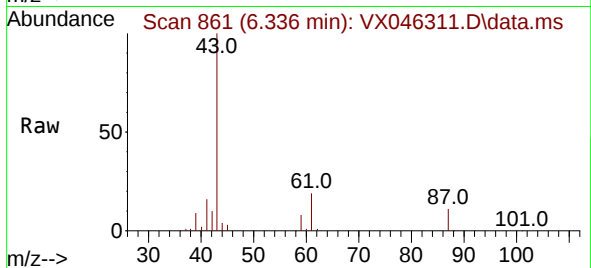
Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



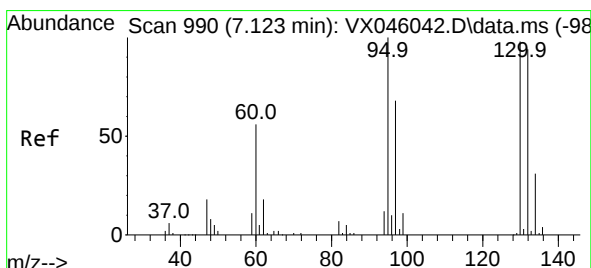
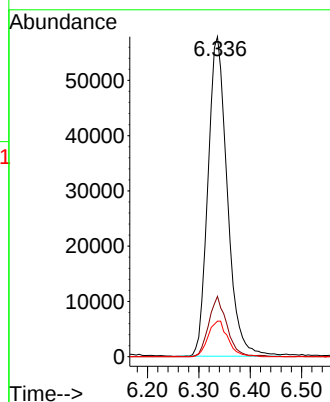
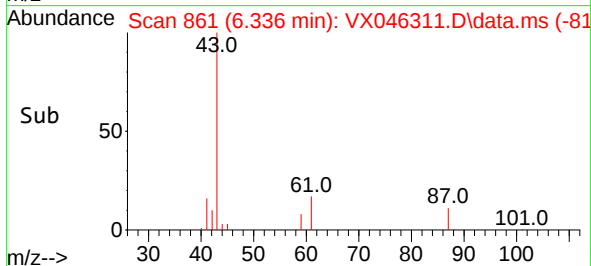
Tgt Ion:	43	Resp:	150834
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.3	21.5
87	11.4	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#44

Trichloroethene

Concen: 50.493 ug/l

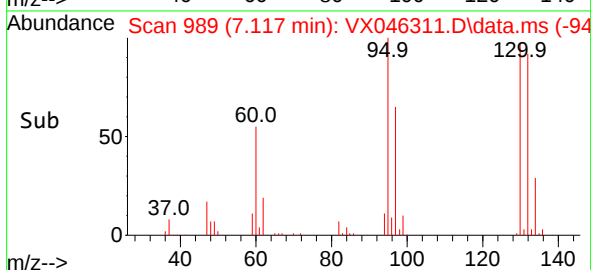
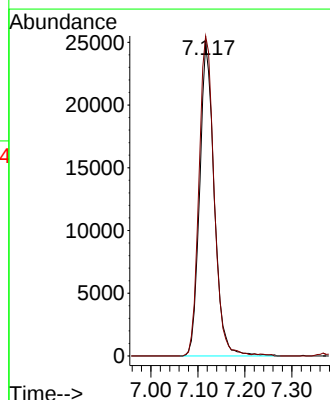
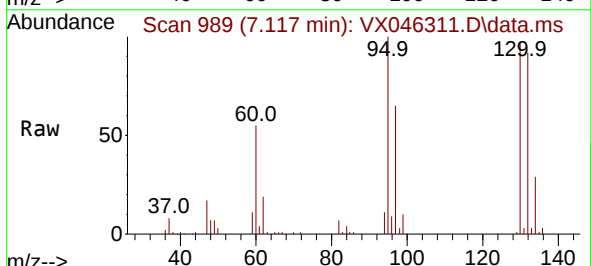
RT: 7.117 min Scan# 989

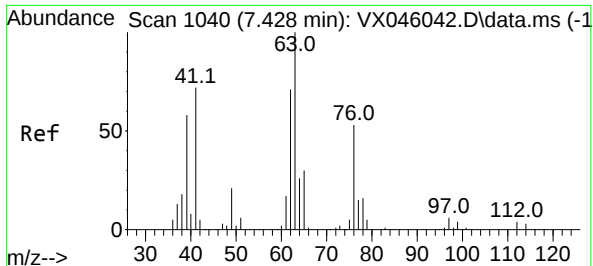
Delta R.T. -0.006 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Tgt Ion:	130	Resp:	53940
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	204.2





#45

1,2-Dichloropropane

Concen: 53.100 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 58604

Ion Ratio Lower Upper

63 100

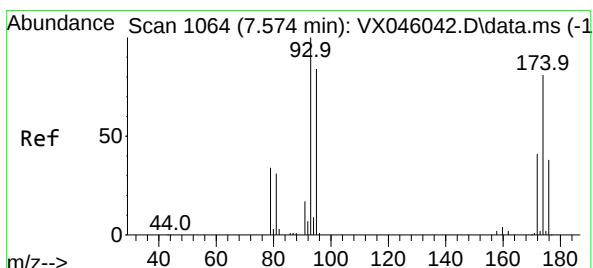
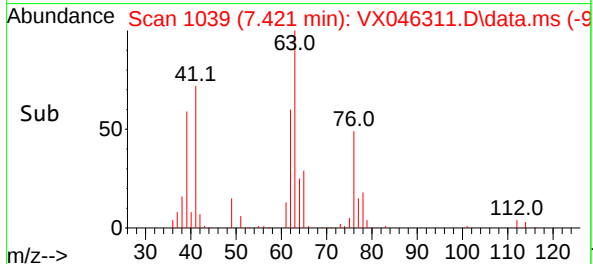
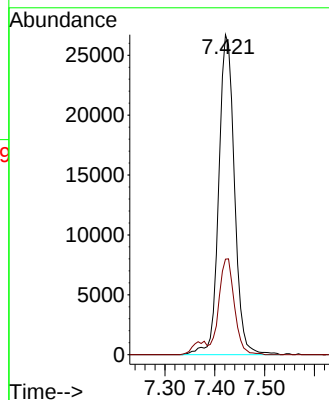
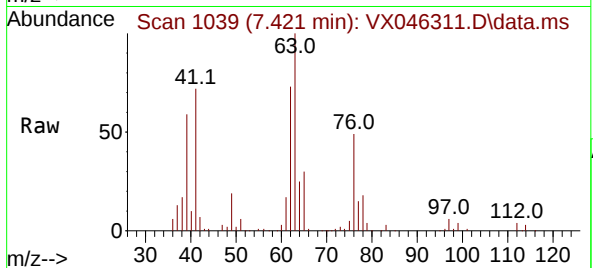
65 29.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#46

Dibromomethane

Concen: 51.247 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

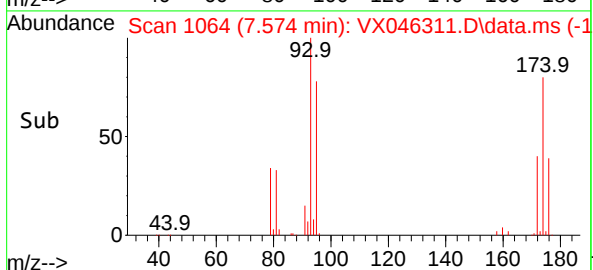
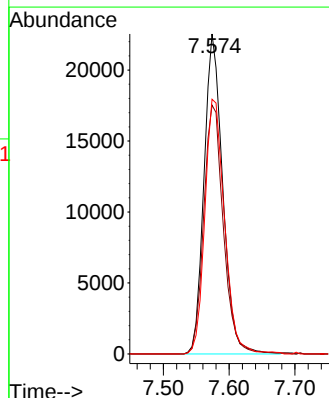
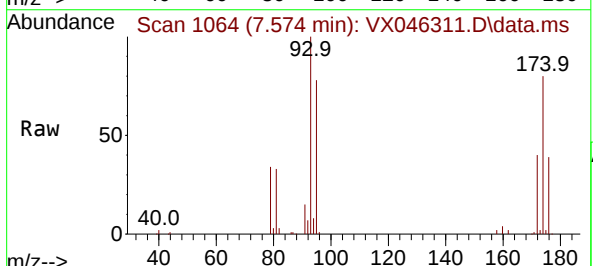
Tgt Ion: 93 Resp: 44609

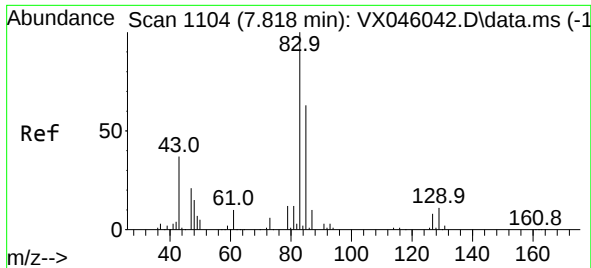
Ion Ratio Lower Upper

93 100

95 81.8 65.6 98.4

174 83.9 68.2 102.2





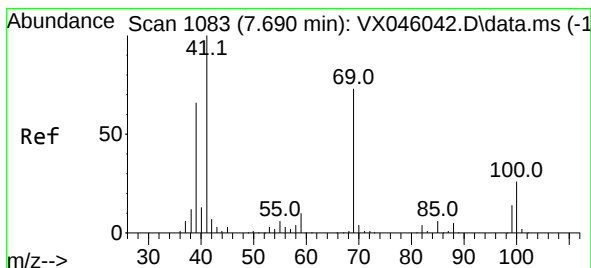
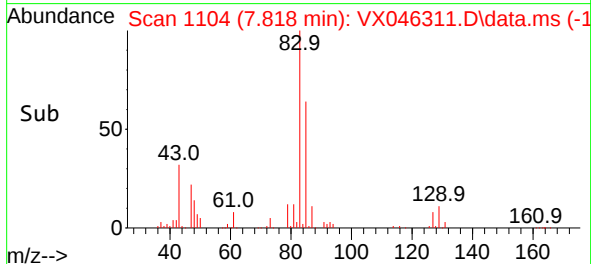
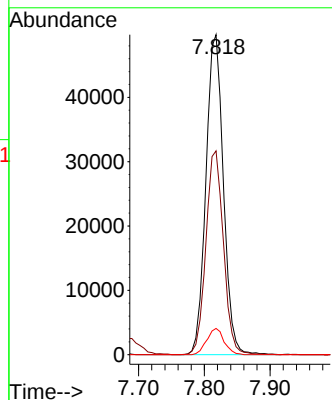
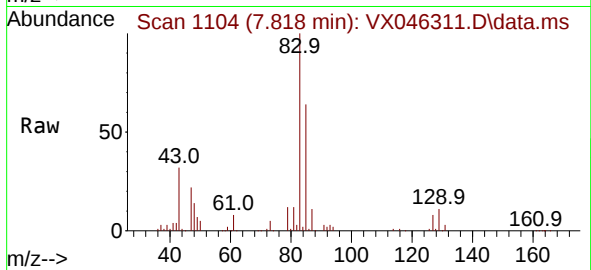
#47
Bromodichloromethane
Concen: 53.594 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 91884
Ion Ratio Lower Upper
83 100
85 63.7 50.5 75.7
127 8.2 6.5 9.7

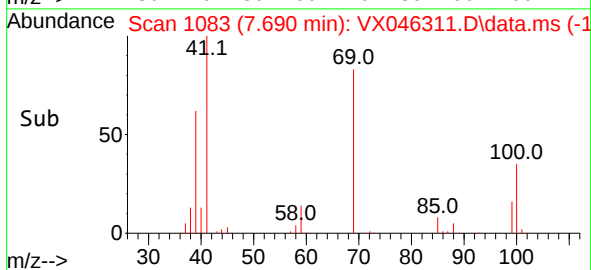
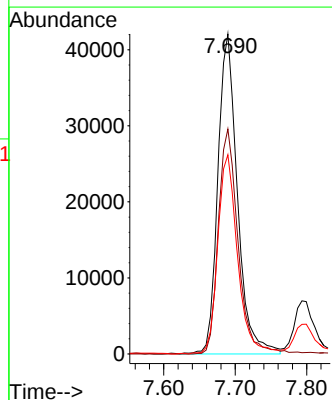
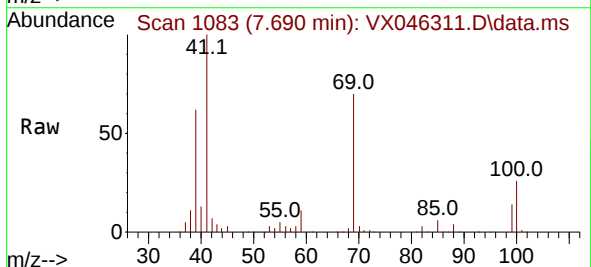
Manual Integrations
APPROVED

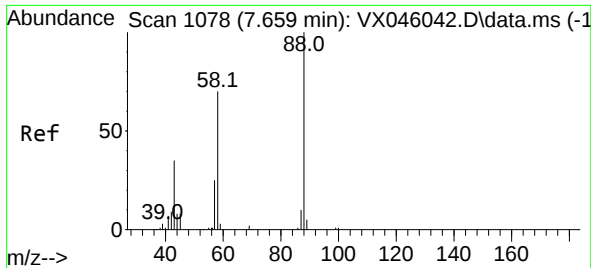
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#48
Methyl methacrylate
Concen: 54.787 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion: 41 Resp: 79914
Ion Ratio Lower Upper
41 100
69 71.1 58.5 87.7
39 63.2 51.7 77.5





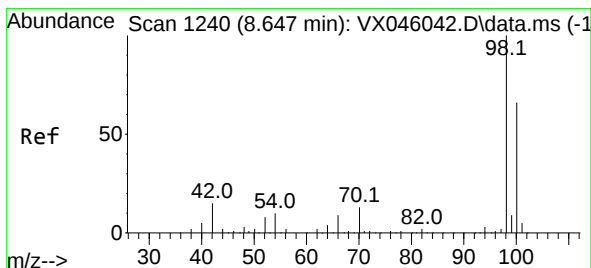
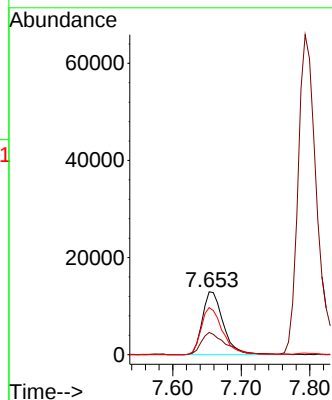
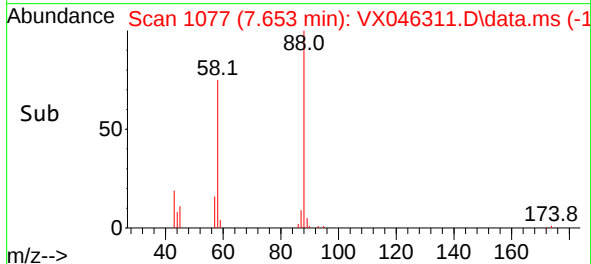
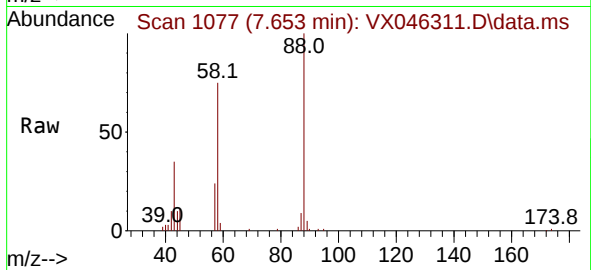
#49
1,4-Dioxane
Concen: 987.270 ug/l
RT: 7.653 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 2734
Ion Ratio Lower Upper
88 100
43 42.7 33.4 50.2
58 77.5 58.6 88.0

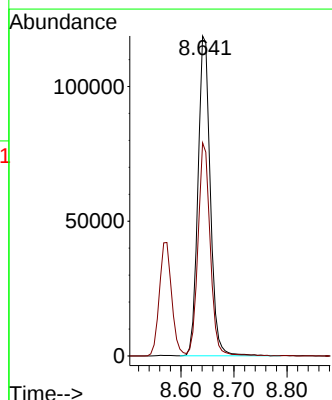
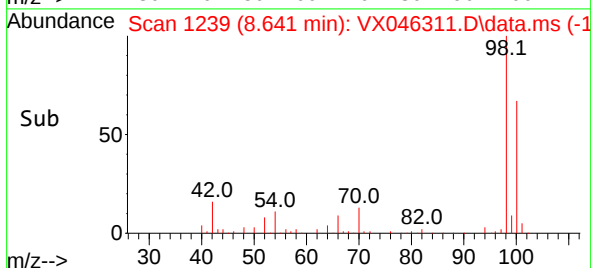
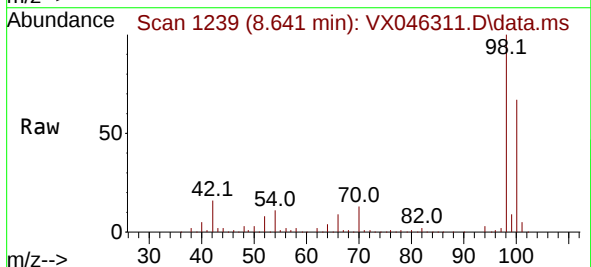
Manual Integrations
APPROVED

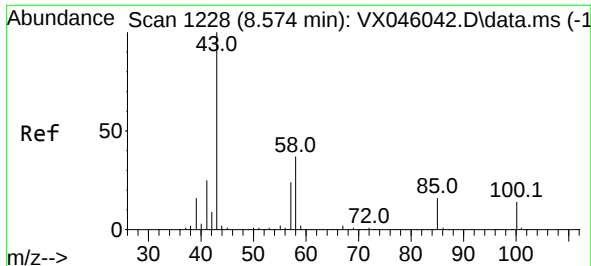
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#50
Toluene-d8
Concen: 49.110 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

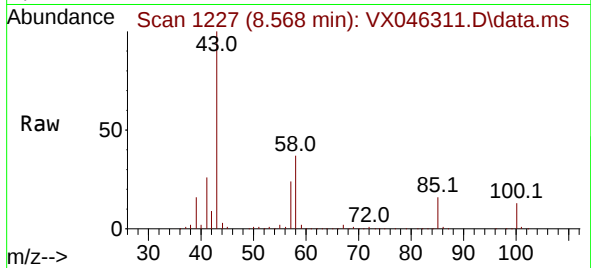
Tgt Ion: 98 Resp: 191700
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 268.200 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

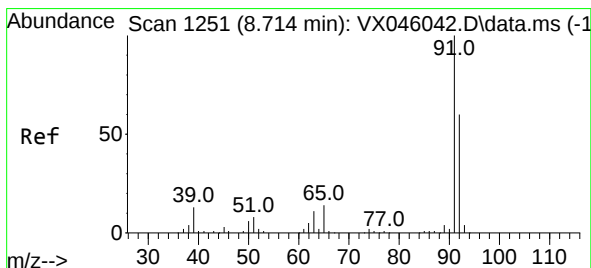
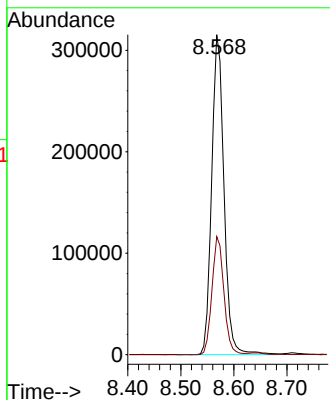
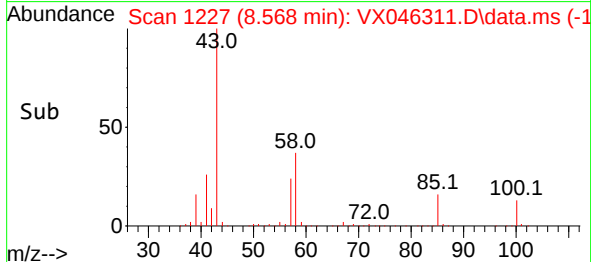
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 50846
Ion Ratio Lower Upper
43 100
58 35.9 28.9 43.3

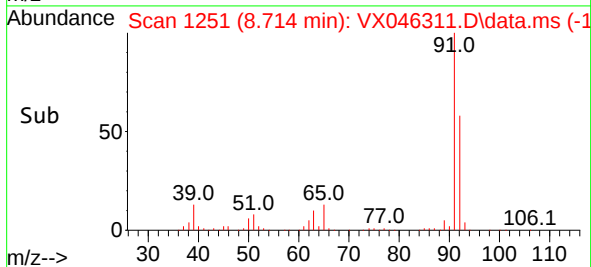
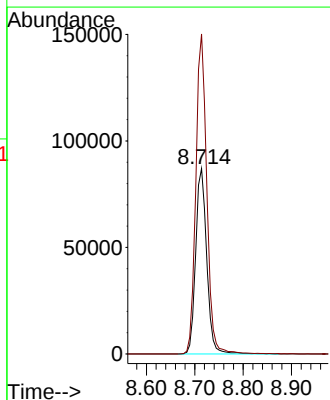
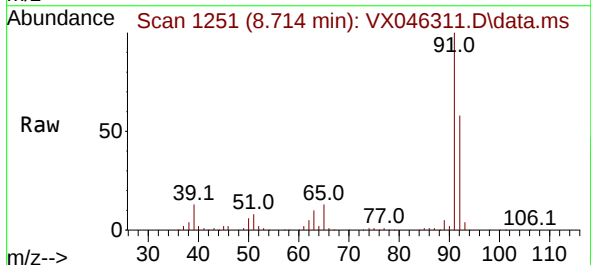
Manual Integrations
APPROVED

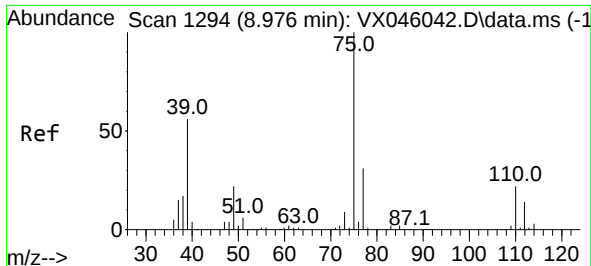
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#52
Toluene
Concen: 50.634 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion: 92 Resp: 137807
Ion Ratio Lower Upper
92 100
91 171.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.434 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 8142

Ion Ratio Lower Upper

75 100

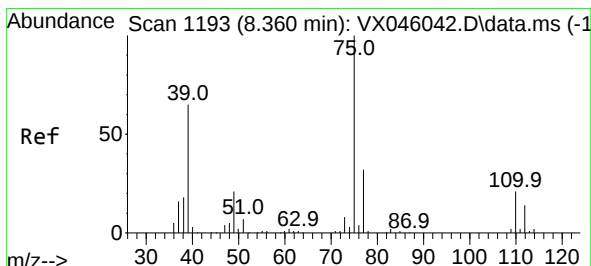
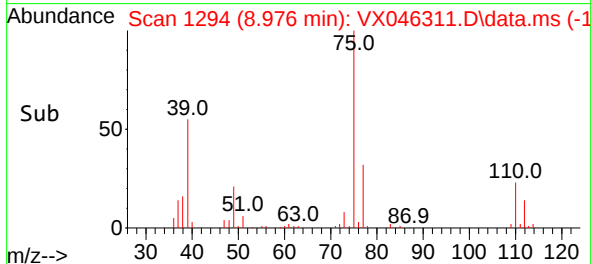
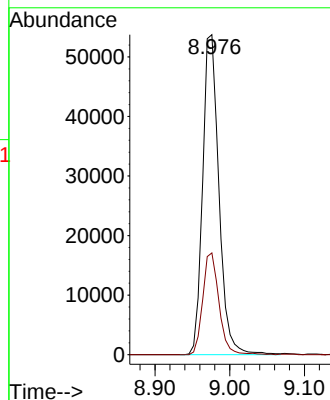
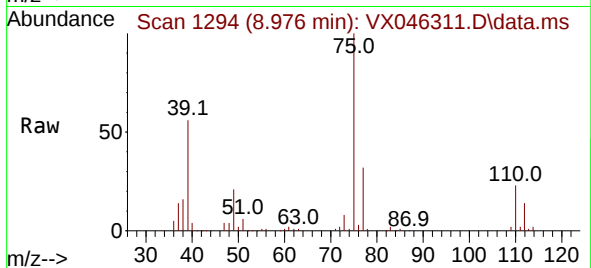
77 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#54

cis-1,3-Dichloropropene

Concen: 53.779 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

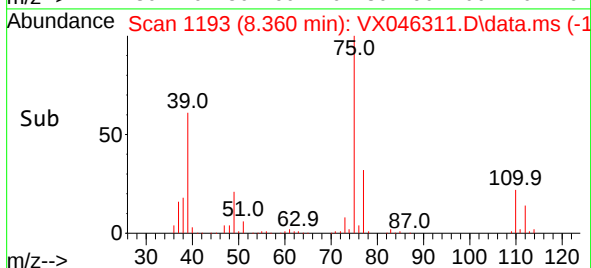
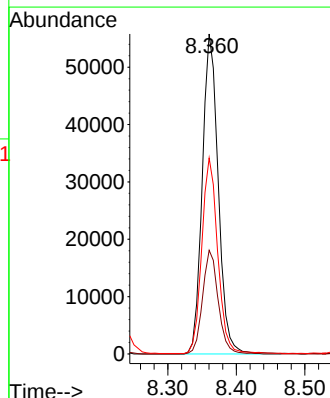
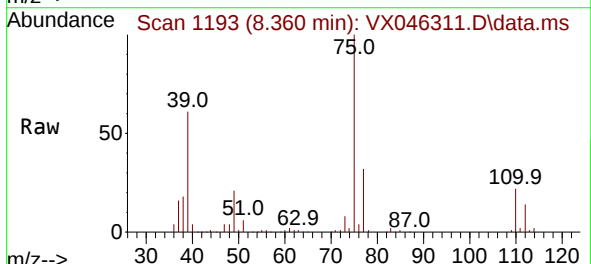
Tgt Ion: 75 Resp: 90578

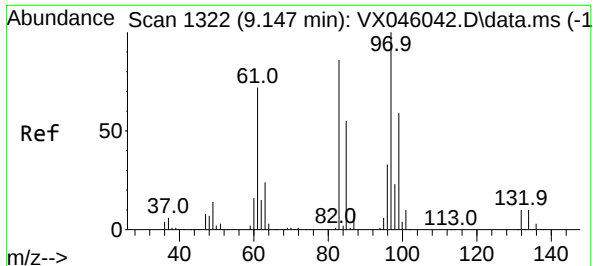
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

39 61.1 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 52.356 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

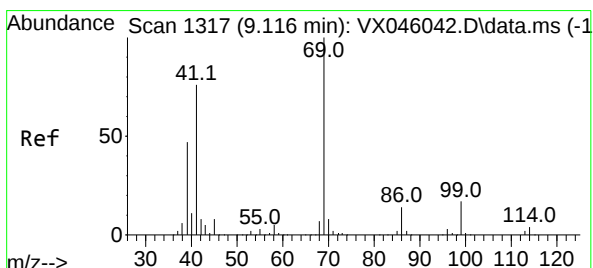
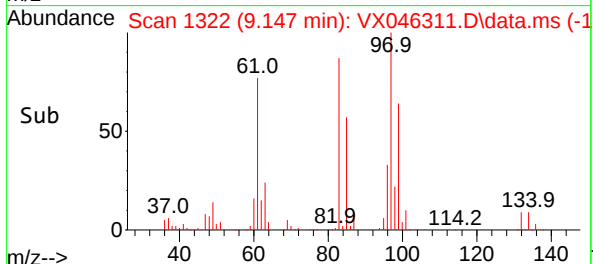
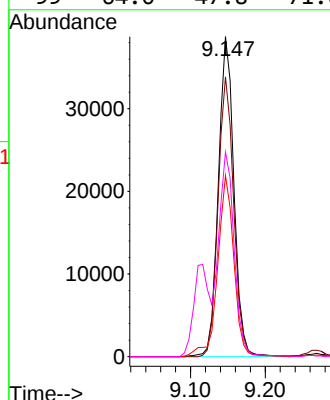
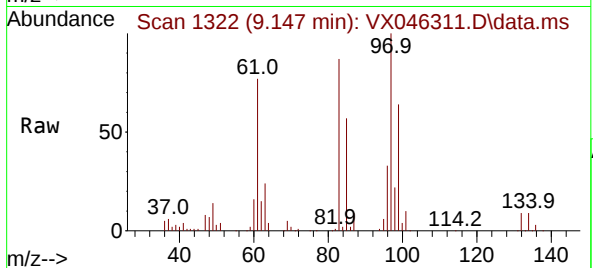
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.0	103.6
85	56.6	44.3	66.5
99	64.0	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#56

Ethyl methacrylate

Concen: 54.299 ug/l

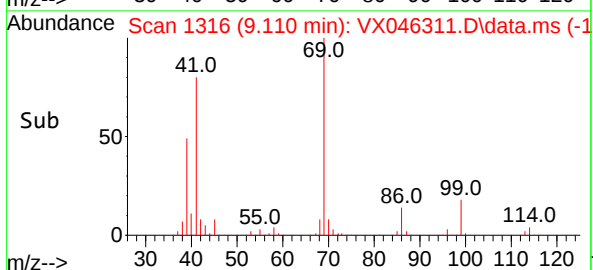
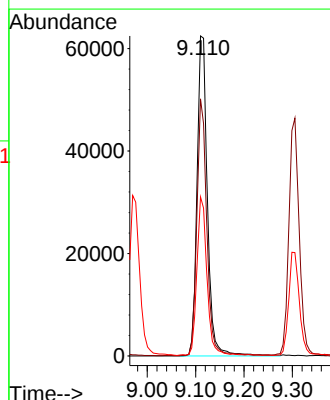
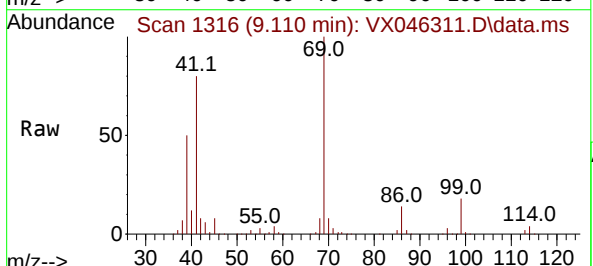
RT: 9.110 min Scan# 1316

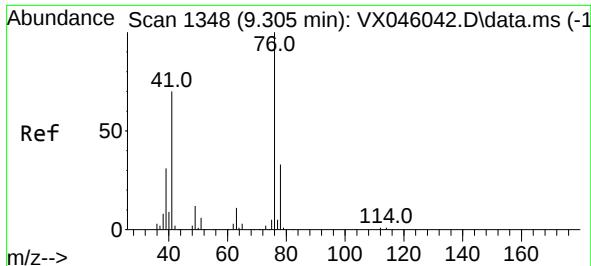
Delta R.T. -0.006 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.8	91.2
39	47.9	39.0	58.6





#57

1,3-Dichloropropane

Concen: 50.938 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9817

Ion Ratio Lower Upper

76 100

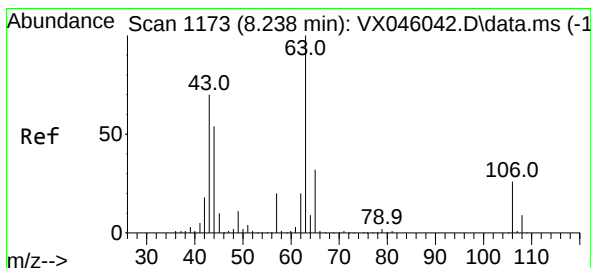
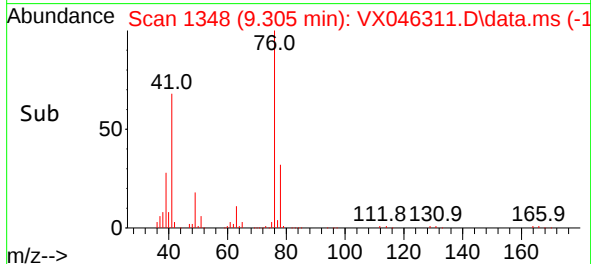
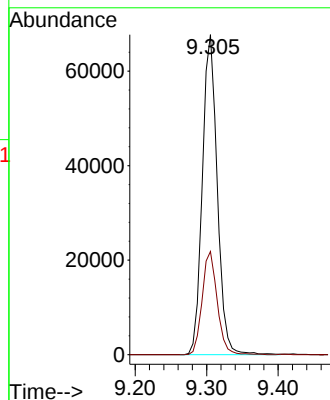
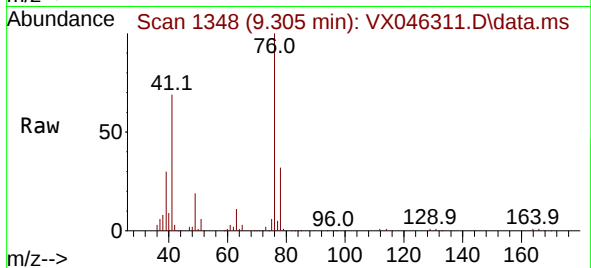
78 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#58

2-Chloroethyl Vinyl ether

Concen: 270.923 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046311.D

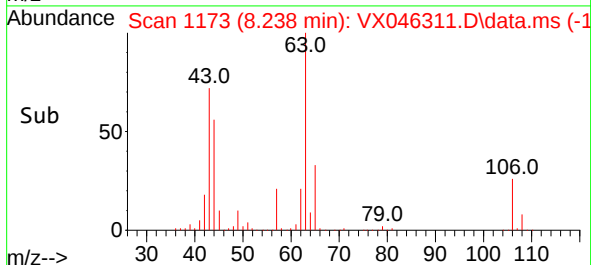
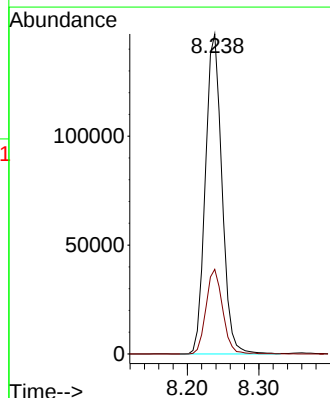
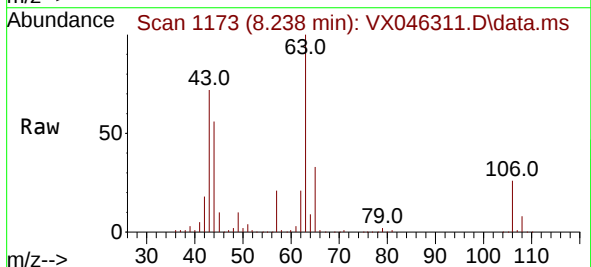
Acq: 22 May 2025 07:59

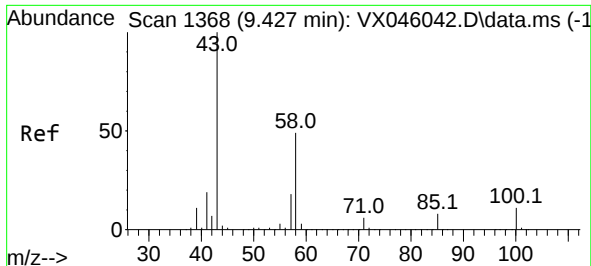
Tgt Ion: 63 Resp: 236236

Ion Ratio Lower Upper

63 100

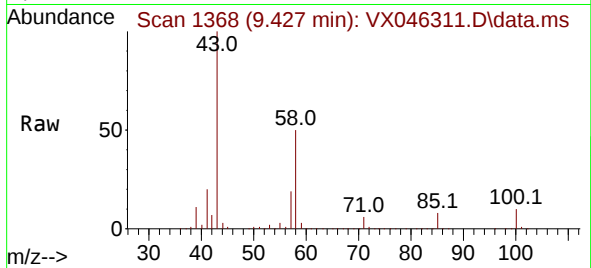
106 26.6 21.5 32.3





#59
2-Hexanone
Concen: 272.238 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

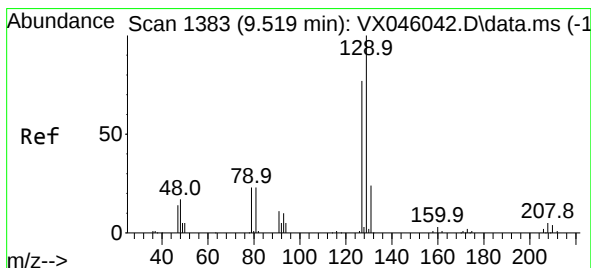
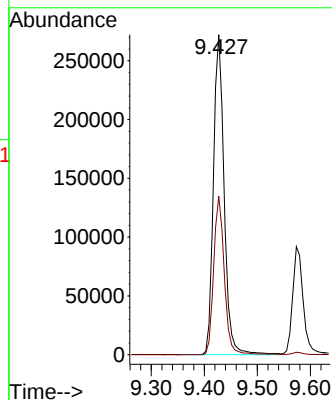
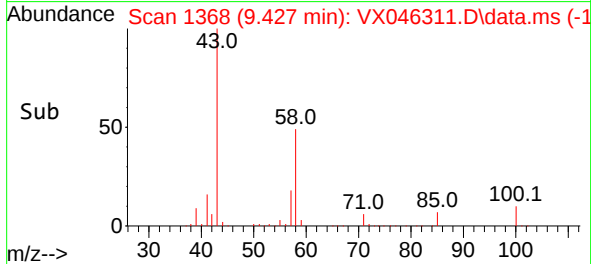
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 38184
Ion Ratio Lower Upper
43 100
58 49.2 24.9 74.6

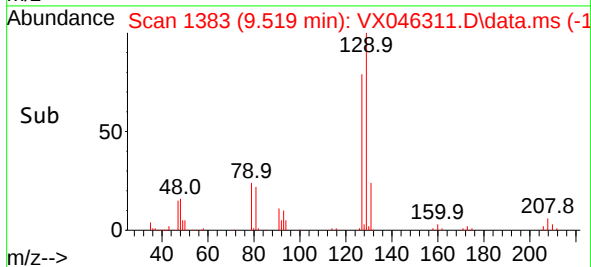
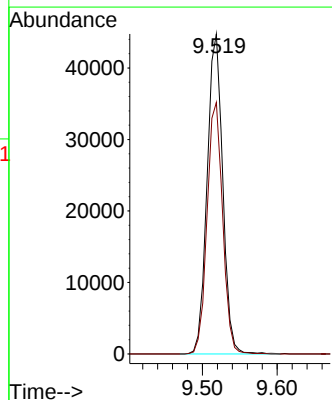
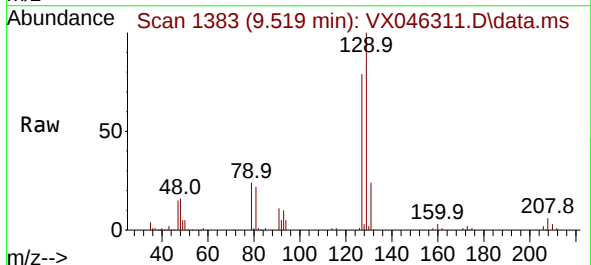
Manual Integrations
APPROVED

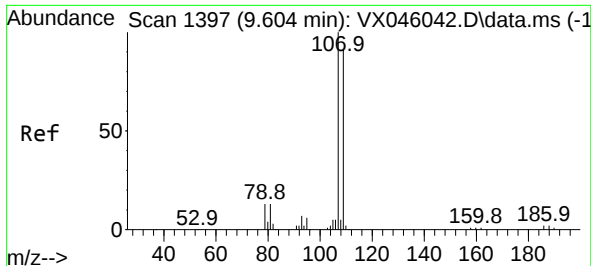
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#60
Dibromochloromethane
Concen: 54.947 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

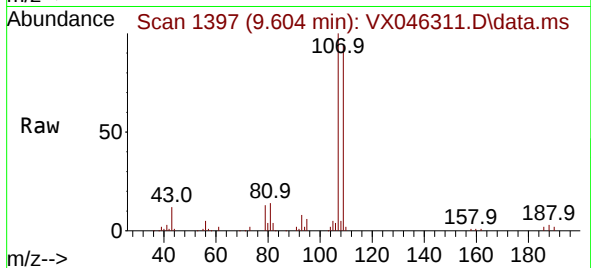
Tgt Ion:129 Resp: 64758
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8





#61
1,2-Dibromoethane
Concen: 52.037 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

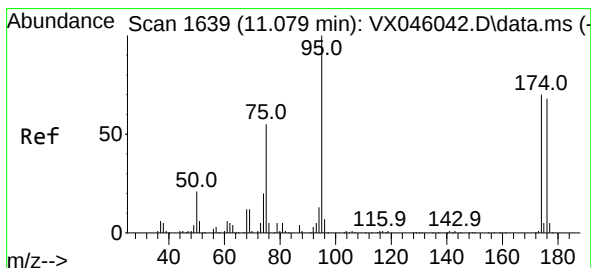
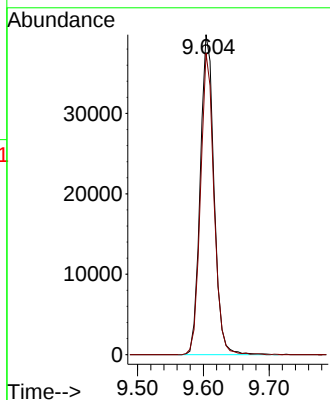
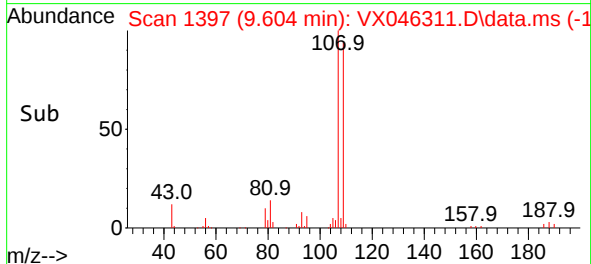
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



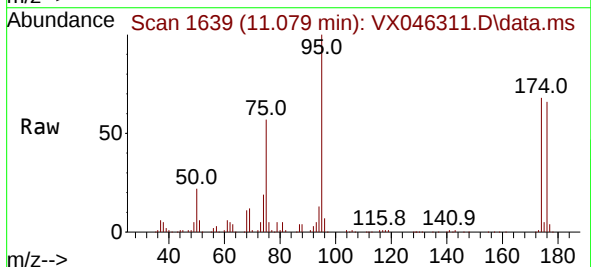
Tgt Ion:107 Resp: 5804
Ion Ratio Lower Upper
107 100
109 92.1 73.3 109.9

Manual Integrations
APPROVED

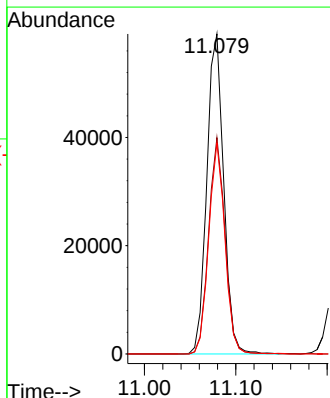
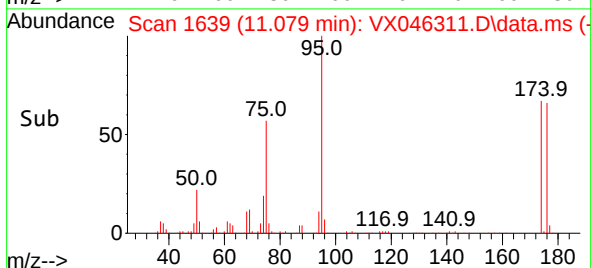
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

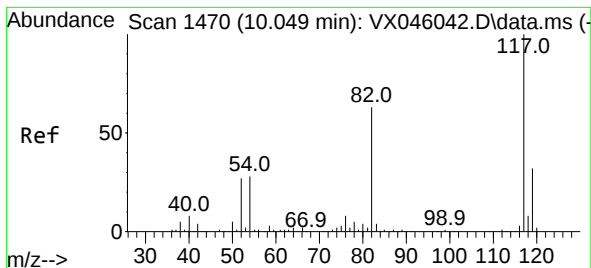


#62
4-Bromofluorobenzene
Concen: 50.386 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59



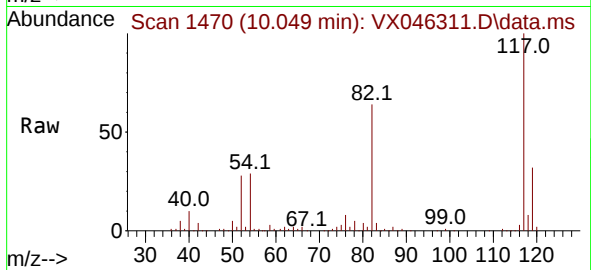
Tgt Ion: 95 Resp: 75444
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 63.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

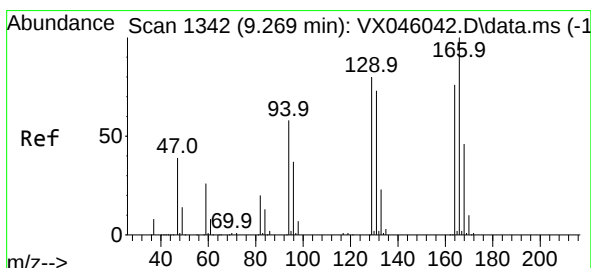
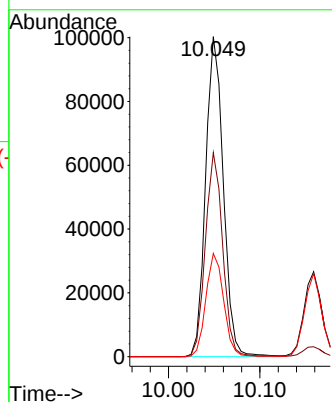
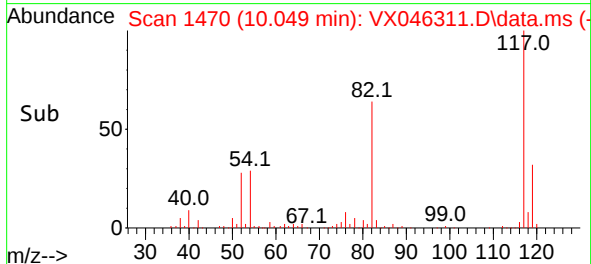
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 134635
Ion Ratio Lower Upper
117 100
82 63.8 50.6 76.0
119 32.3 25.8 38.6

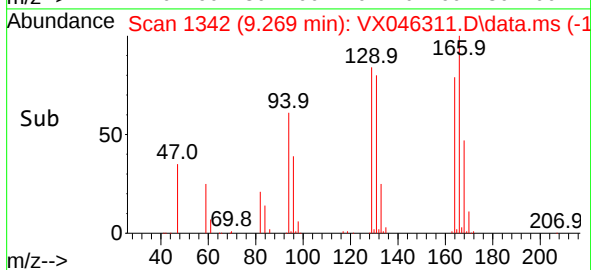
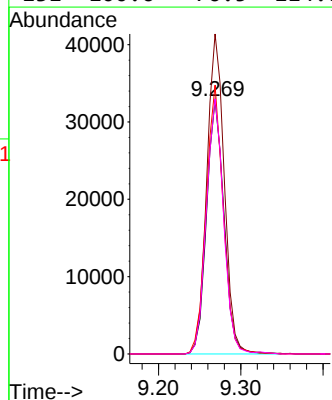
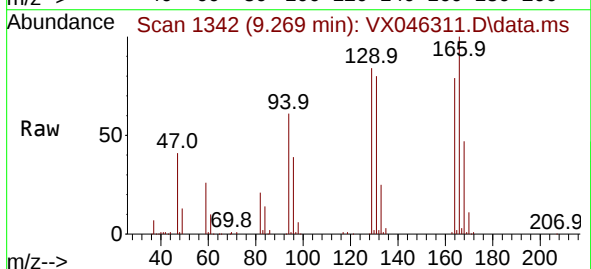
Manual Integrations
APPROVED

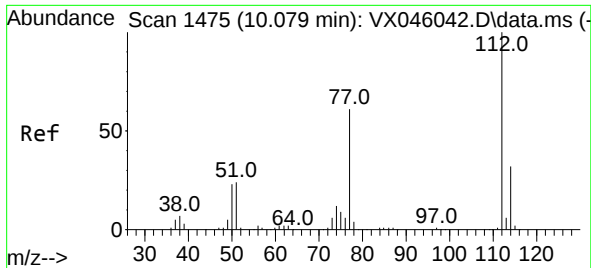
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#64
Tetrachloroethene
Concen: 50.728 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion:164 Resp: 48323
Ion Ratio Lower Upper
164 100
166 126.2 105.0 157.6
129 106.0 83.5 125.3
131 100.6 76.5 114.7





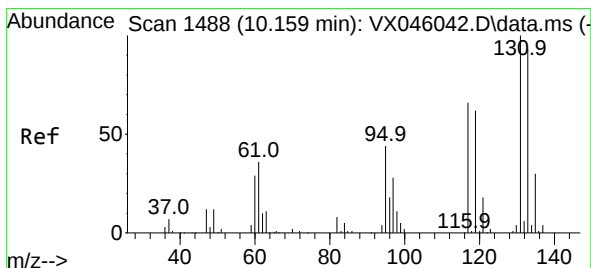
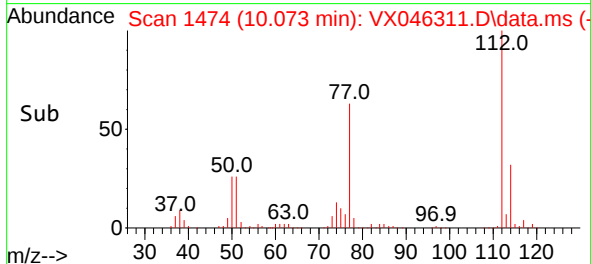
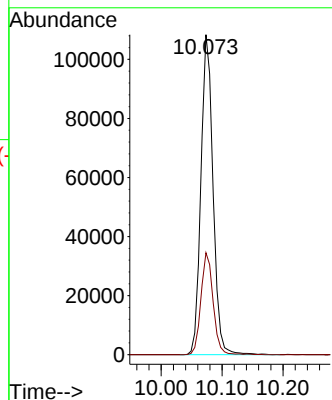
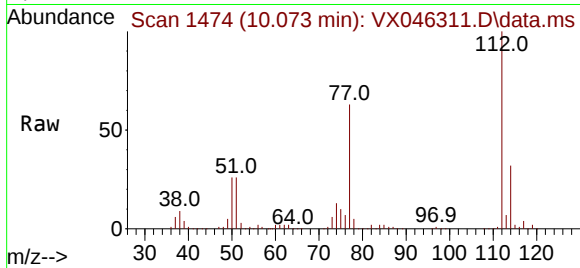
#65
Chlorobenzene
Concen: 50.689 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 14937
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

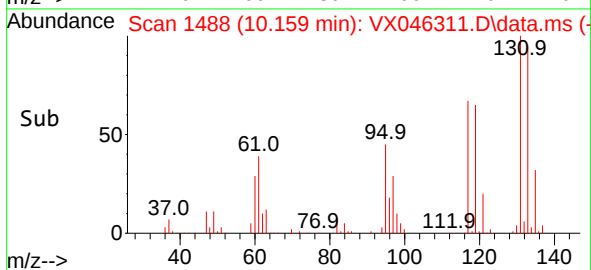
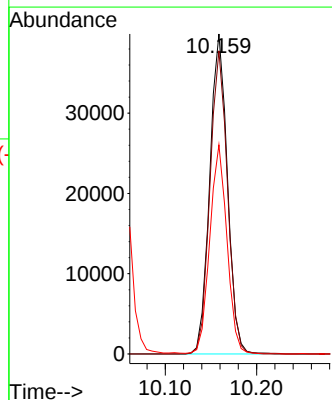
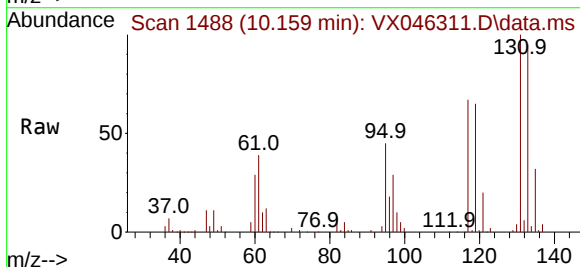
Manual Integrations
APPROVED

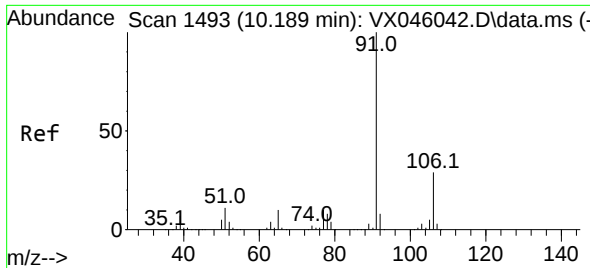
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.002 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion:131 Resp: 53333
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.9
119 63.6 31.6 95.0





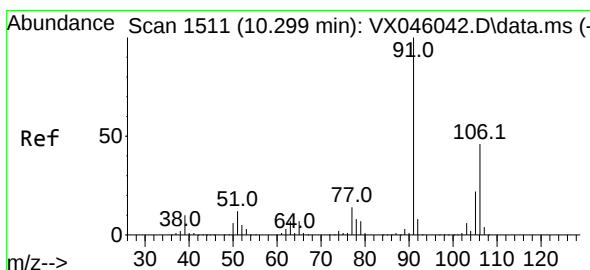
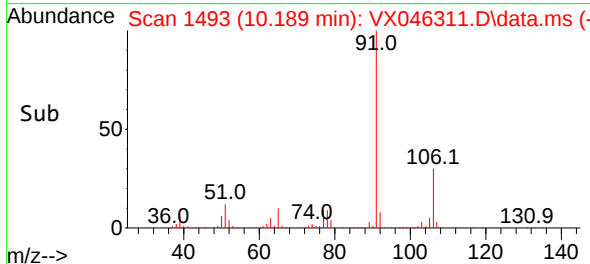
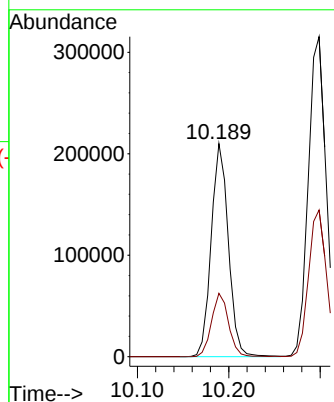
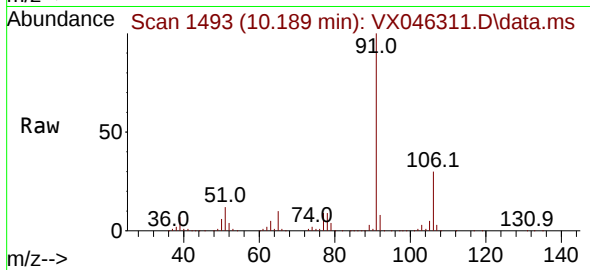
#67
Ethyl Benzene
Concen: 52.643 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 27345
Ion Ratio Lower Upper
91 100
106 29.7 23.4 35.2

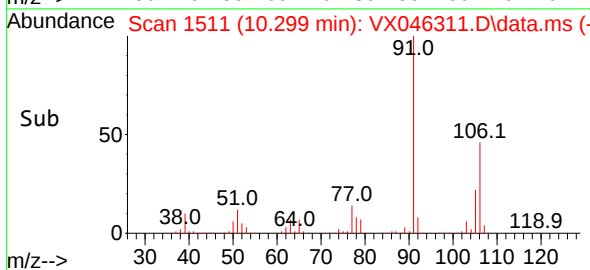
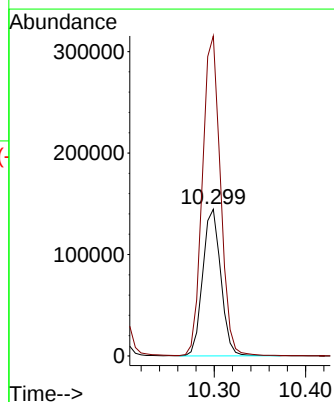
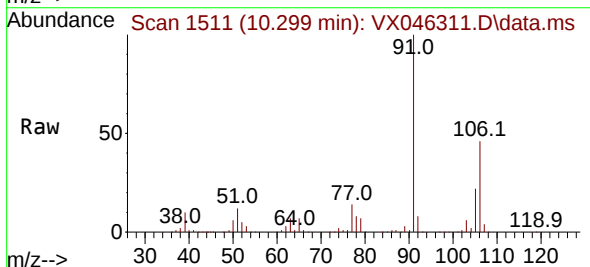
Manual Integrations
APPROVED

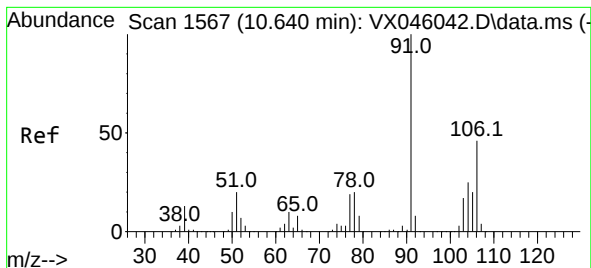
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#68
m/p-Xylenes
Concen: 104.536 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion:106 Resp: 198602
Ion Ratio Lower Upper
106 100
91 218.2 171.2 256.8





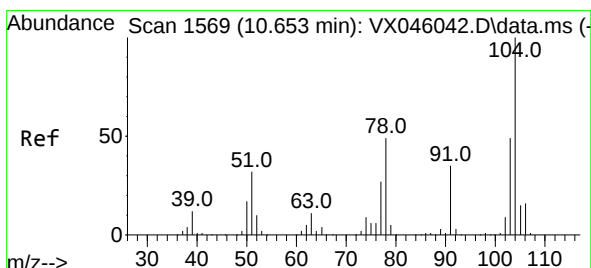
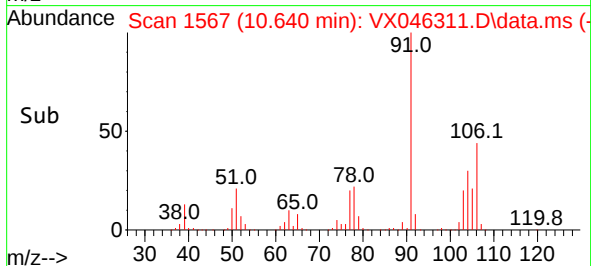
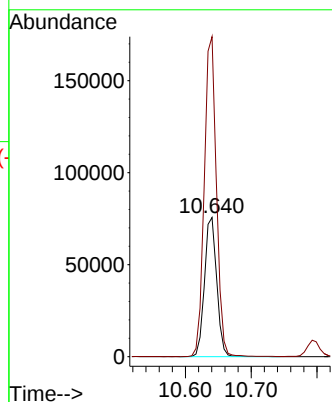
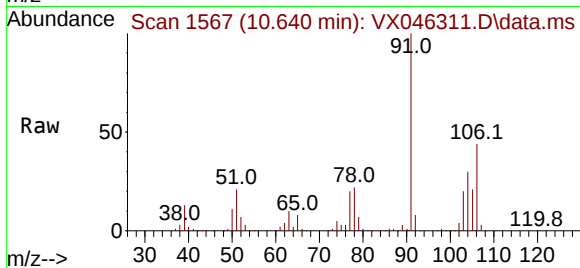
#69
o-Xylene
Concen: 52.893 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9796
Ion Ratio Lower Upper
106 100
91 228.6 112.7 338.1

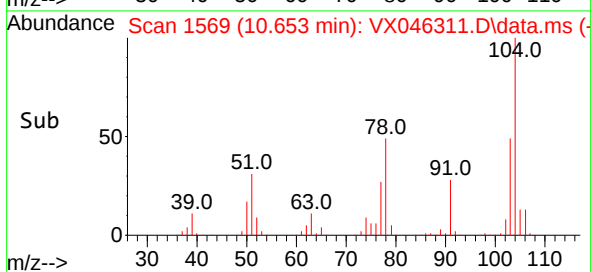
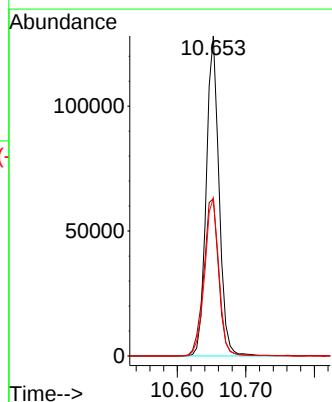
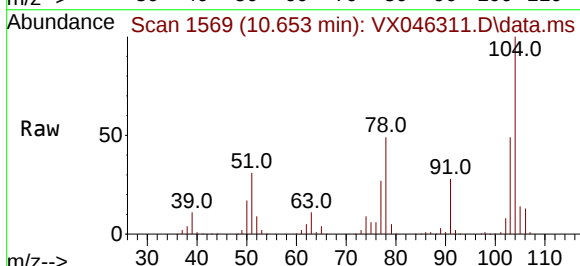
Manual Integrations
APPROVED

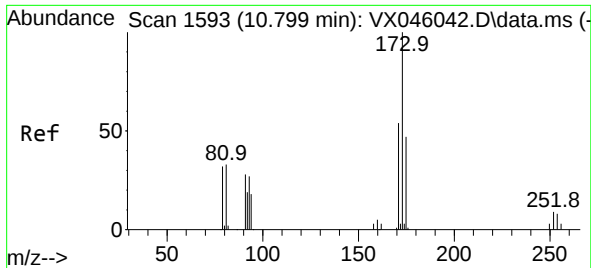
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#70
Styrene
Concen: 54.959 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

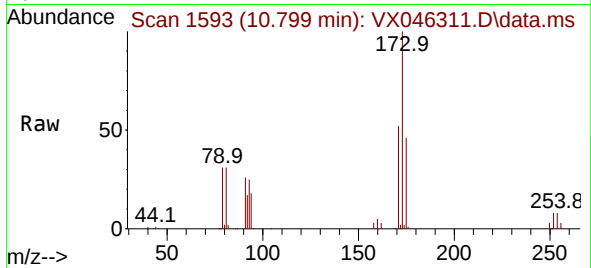
Tgt Ion:104 Resp: 166748
Ion Ratio Lower Upper
104 100
78 57.4 45.7 68.5
103 54.9 43.7 65.5





#71
Bromoform
Concen: 54.866 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

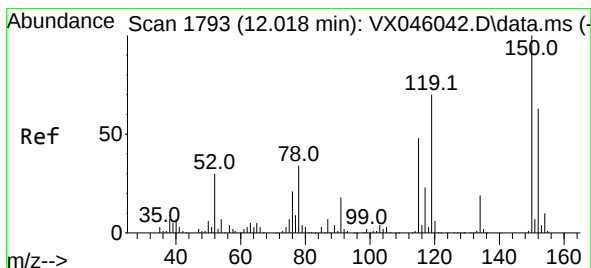
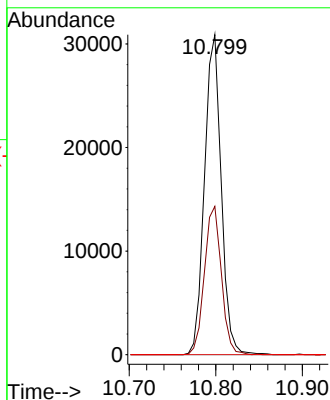
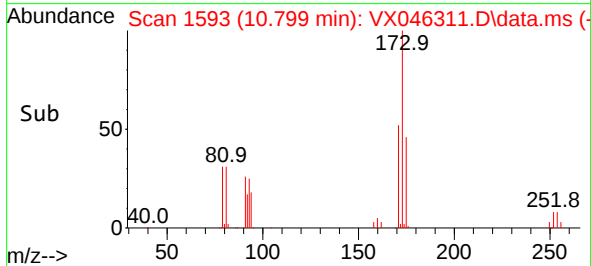
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 41450
Ion Ratio Lower Upper
173 100
175 47.1 23.4 70.0
254 0.0 0.0 0.0

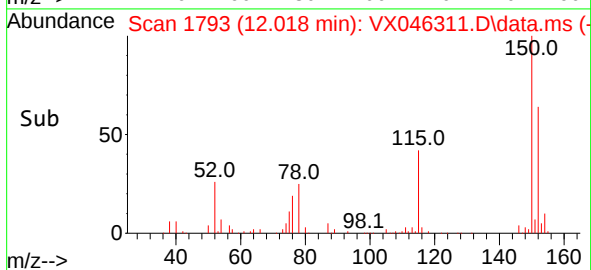
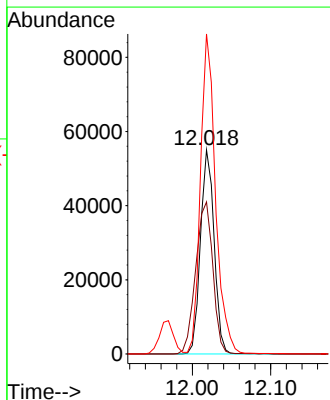
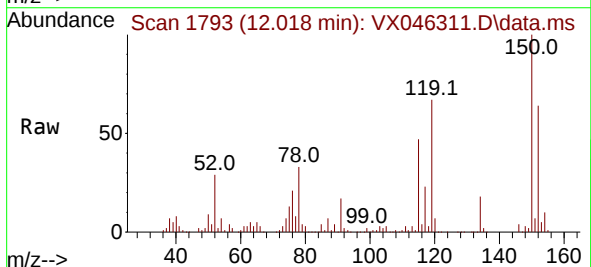
Manual Integrations
APPROVED

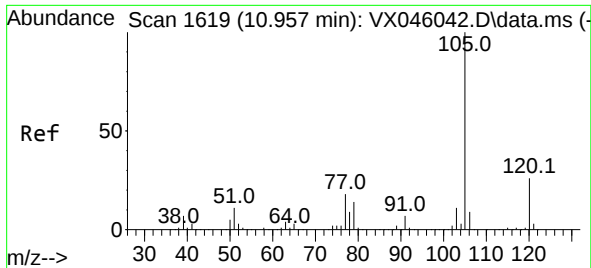
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion:152 Resp: 66777
Ion Ratio Lower Upper
152 100
115 93.6 46.9 140.7
150 172.3 0.0 351.0





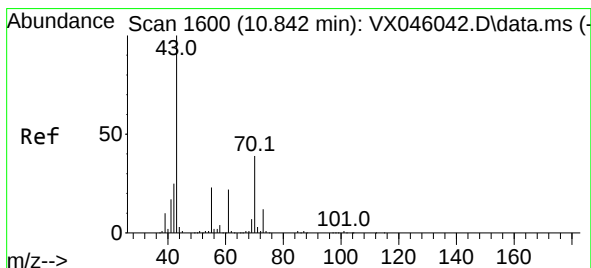
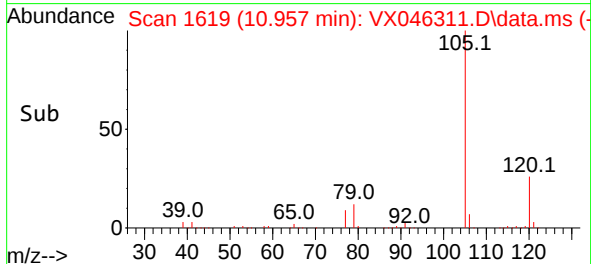
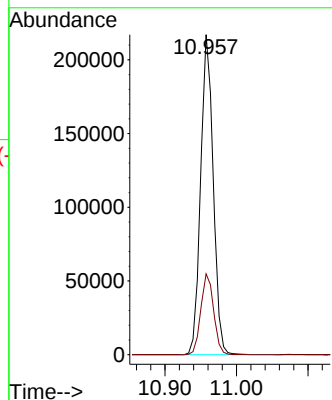
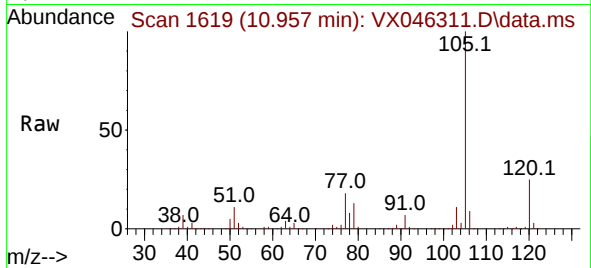
#73
Isopropylbenzene
Concen: 50.882 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 26452
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

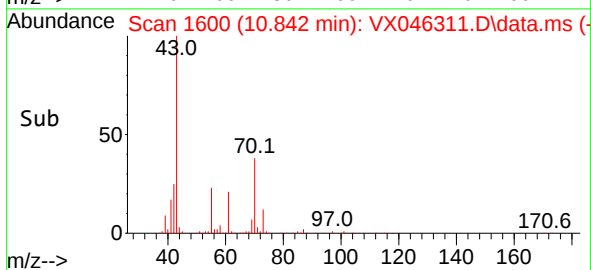
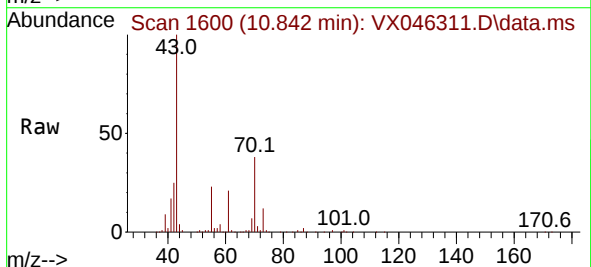
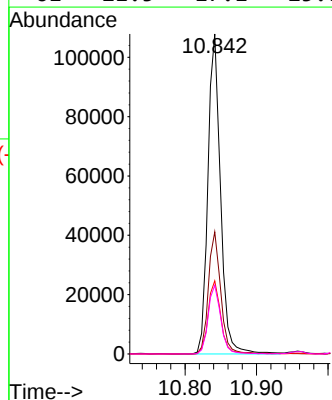
Manual Integrations
APPROVED

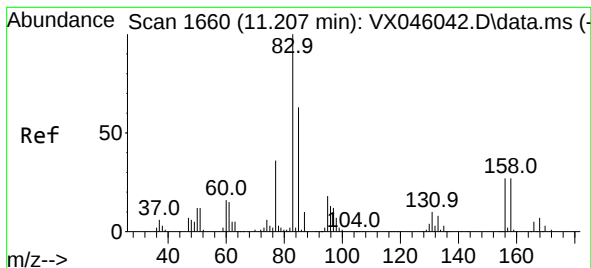
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#74
N-ethyl acetate
Concen: 51.584 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion: 43 Resp: 132516
Ion Ratio Lower Upper
43 100
70 37.5 30.9 46.3
55 23.1 18.7 28.1
61 21.5 17.1 25.7





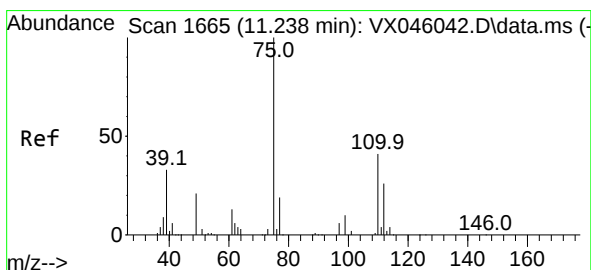
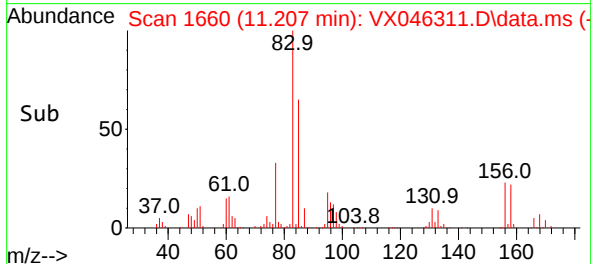
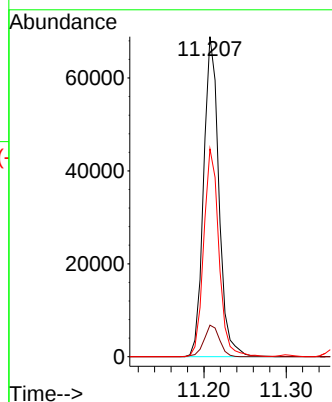
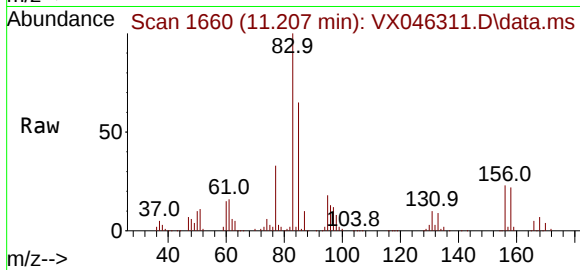
#75
1,1,2,2-Tetrachloroethane
Concen: 48.729 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 88770
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.6 31.9 95.7

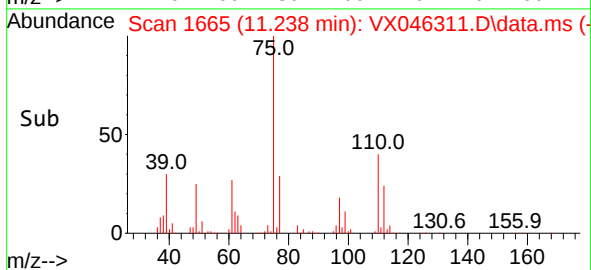
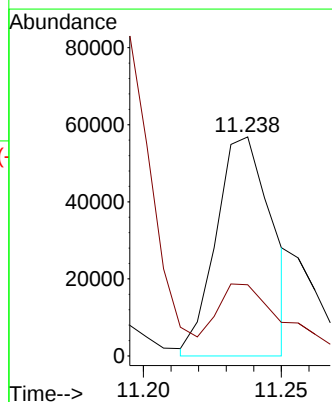
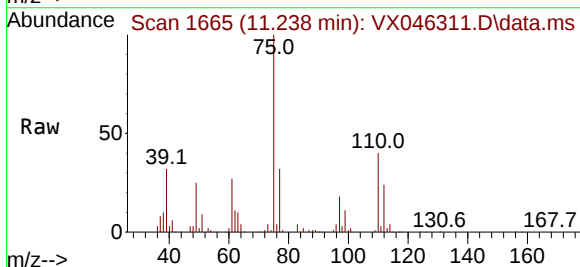
Manual Integrations
APPROVED

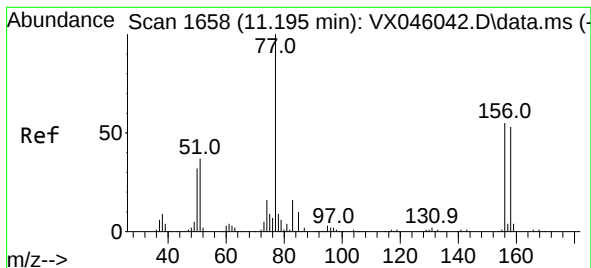
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#76
1,2,3-Trichloropropane
Concen: 49.574 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Tgt Ion: 75 Resp: 79683
Ion Ratio Lower Upper
75 100
77 40.4 20.5 61.5





#77

Bromobenzene

Concen: 48.347 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

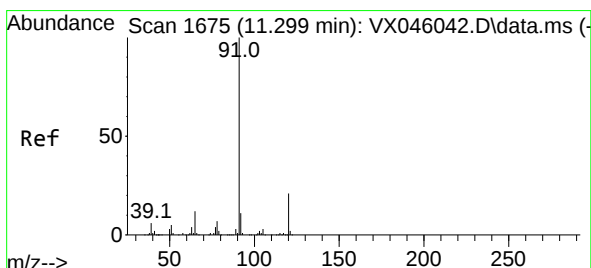
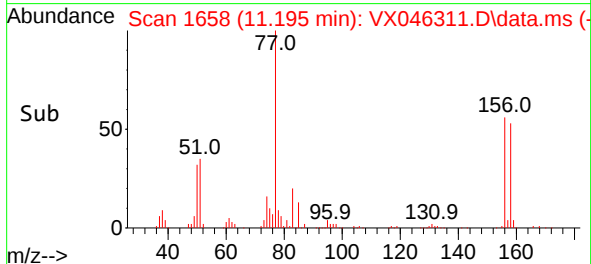
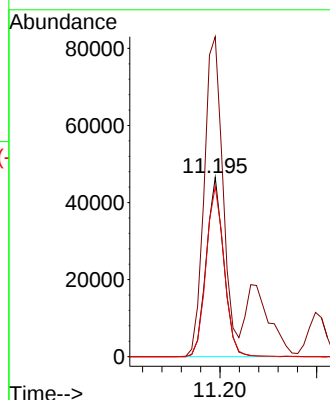
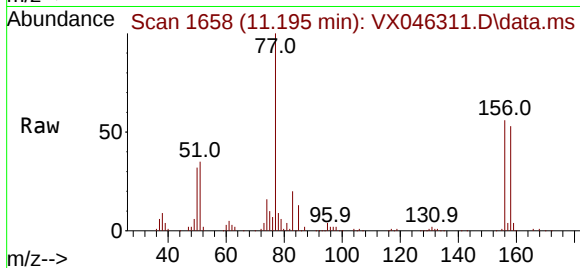
Tgt Ion:	156	Resp:	5835
Ion Ratio	Lower	Upper	
156	100		
77	192.3	92.8	278.3
158	98.5	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#78

n-propylbenzene

Concen: 52.223 ug/l

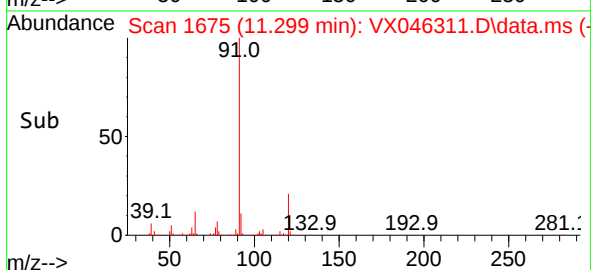
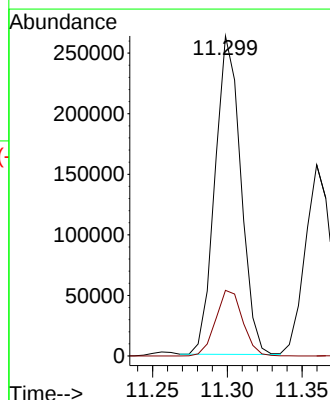
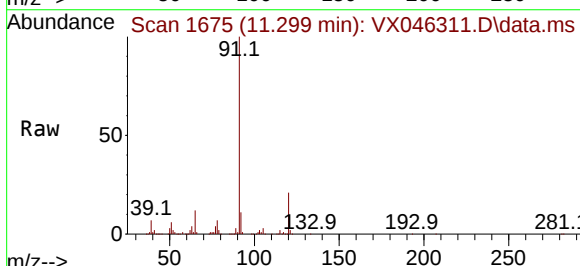
RT: 11.299 min Scan# 1675

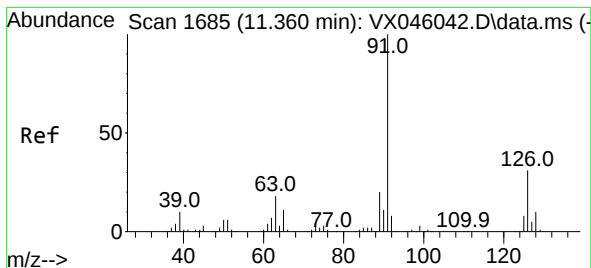
Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Tgt Ion:	91	Resp:	315677
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.8	32.4





#79

2-Chlorotoluene

Concen: 49.053 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 19125

Ion Ratio Lower Upper

91 100

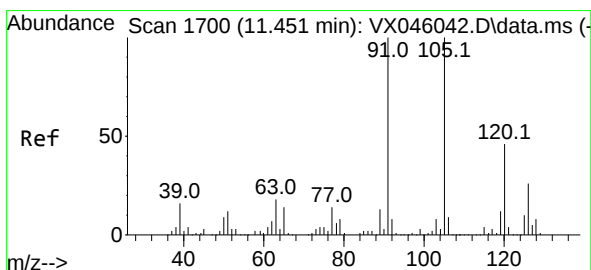
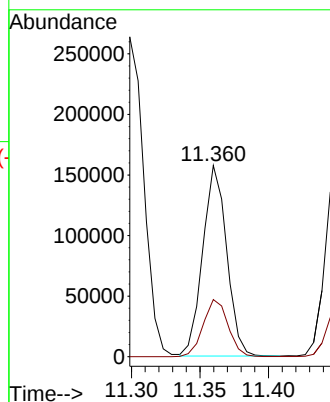
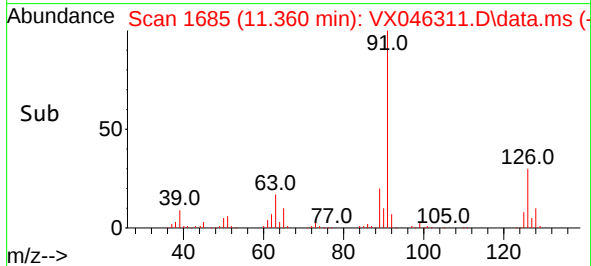
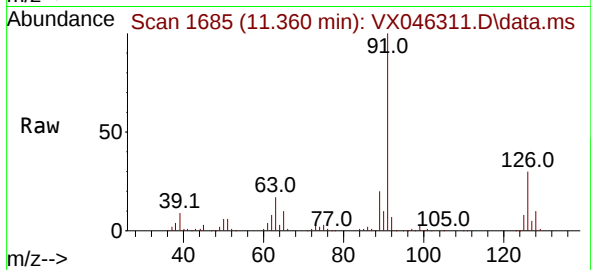
126 31.1 15.6 46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#80

1,3,5-Trimethylbenzene

Concen: 51.623 ug/l

RT: 11.445 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VX046311.D

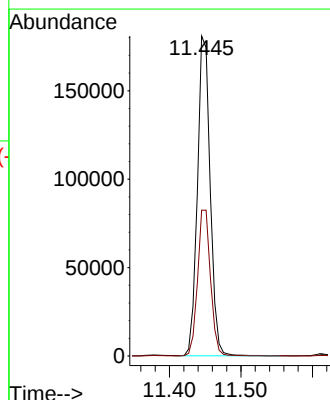
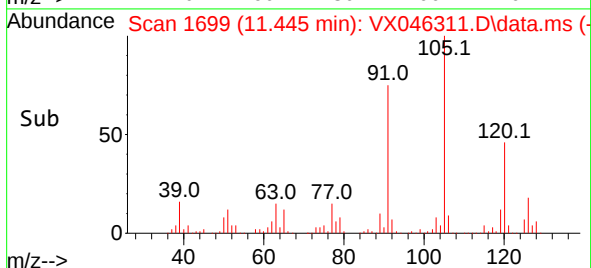
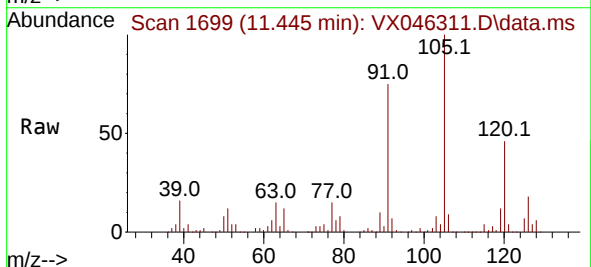
Acq: 22 May 2025 07:59

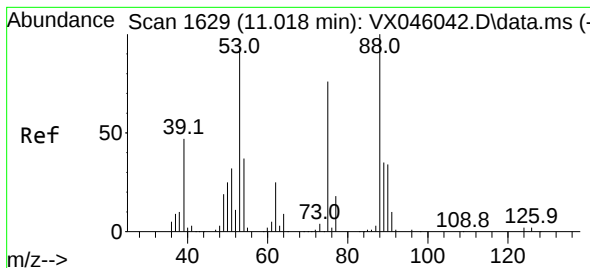
Tgt Ion:105 Resp: 224208

Ion Ratio Lower Upper

105 100

120 46.4 23.1 69.2





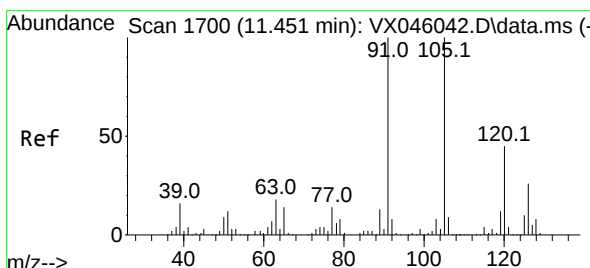
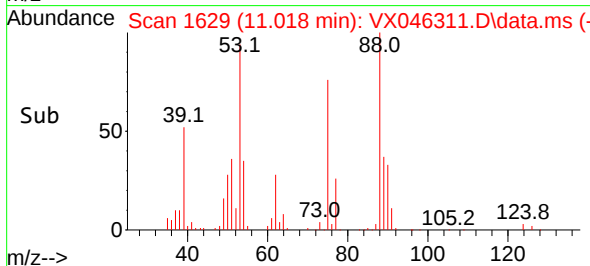
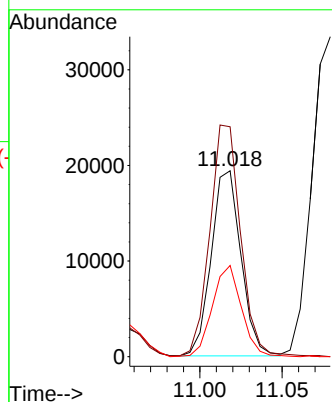
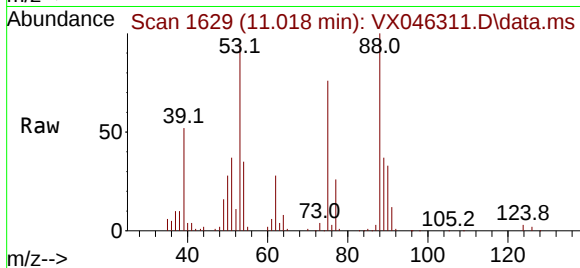
#81
trans-1,4-Dichloro-2-butene
Concen: 49.292 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24330
Ion Ratio Lower Upper
75 100
53 130.0 100.5 150.7
89 48.3 37.0 55.6

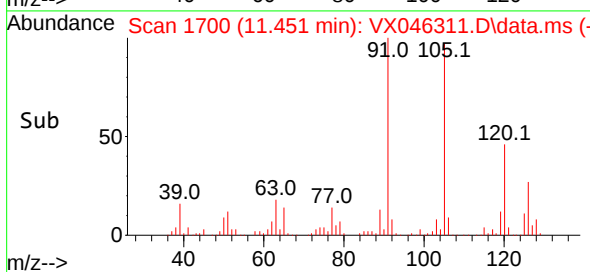
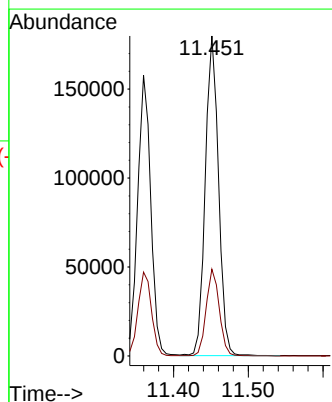
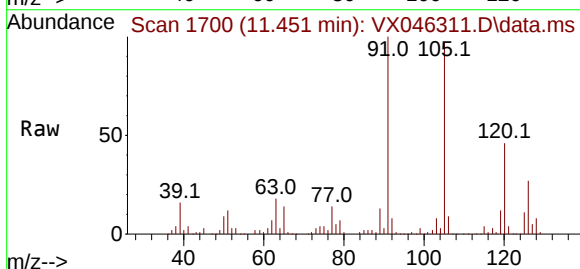
Manual Integrations
APPROVED

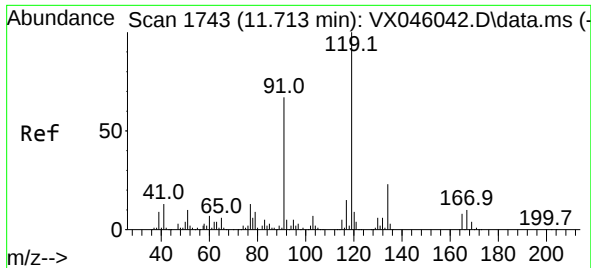
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#82
4-Chlorotoluene
Concen: 51.011 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

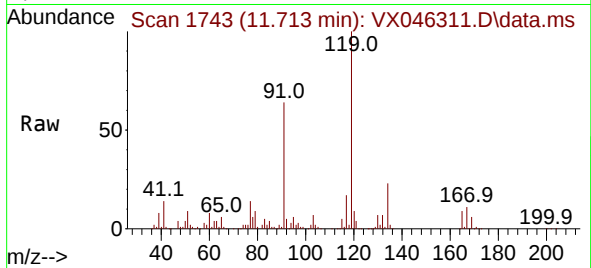
Tgt Ion: 91 Resp: 220564
Ion Ratio Lower Upper
91 100
126 27.0 13.3 39.8





#83
tert-Butylbenzene
Concen: 51.212 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

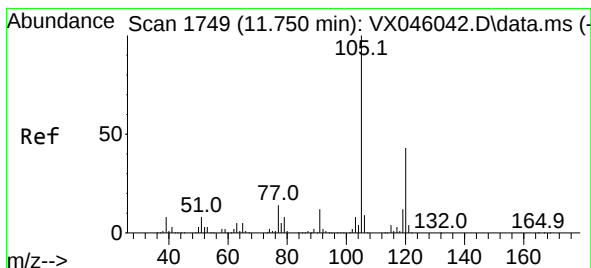
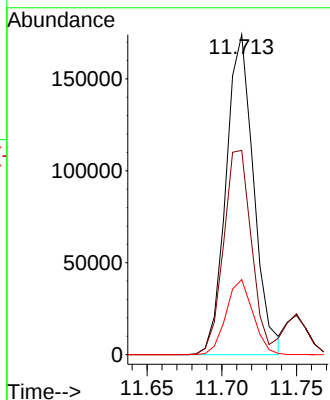
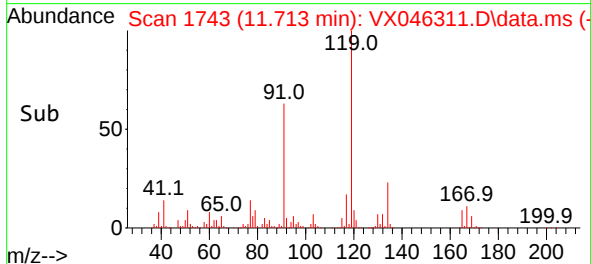
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



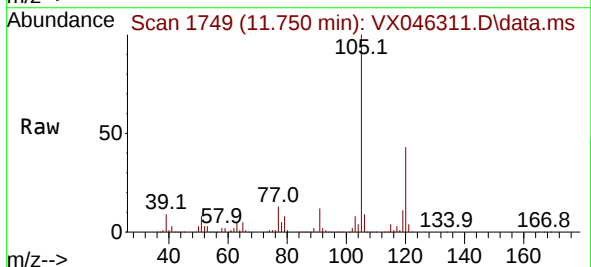
Tgt Ion:119 Resp: 224044
Ion Ratio Lower Upper
119 100
91 64.1 32.9 98.7
134 22.8 11.4 34.1

Manual Integrations
APPROVED

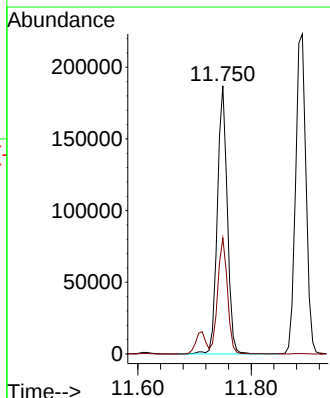
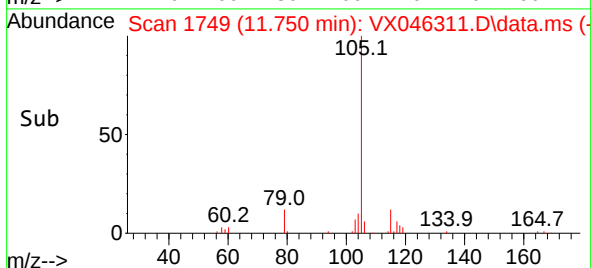
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

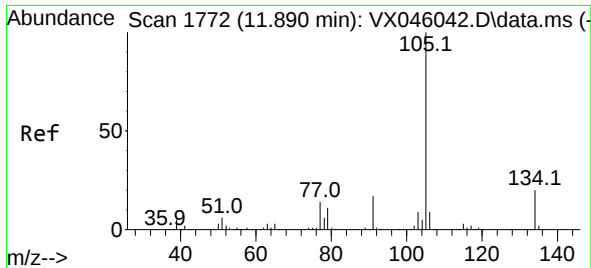


#84
1,2,4-Trimethylbenzene
Concen: 51.869 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59



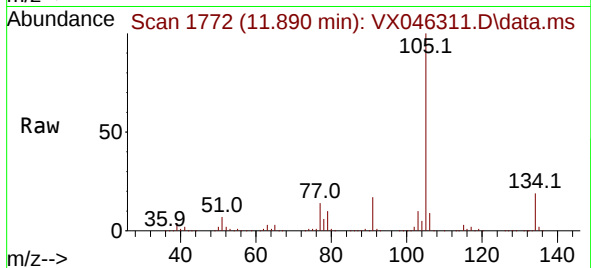
Tgt Ion:105 Resp: 228136
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.754 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046311.D
 Acq: 22 May 2025 07:59

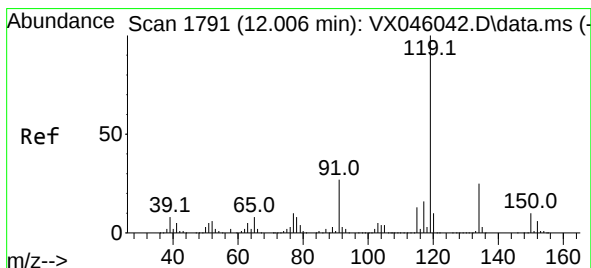
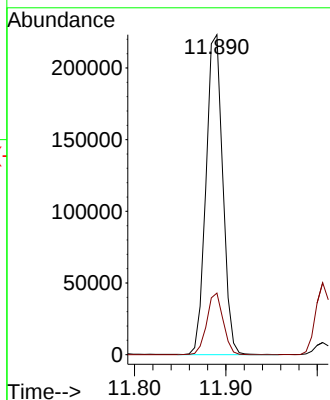
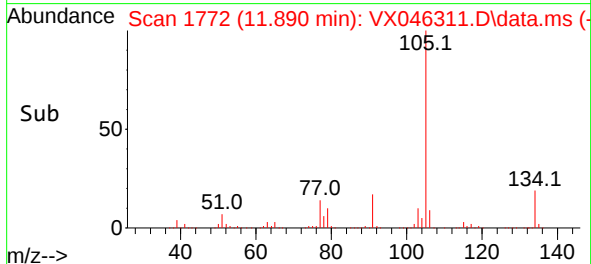
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



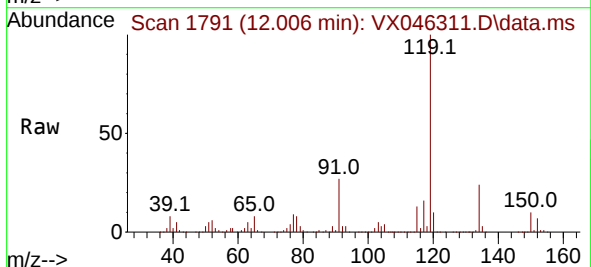
Tgt Ion:105 Resp: 28337
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1

Manual Integrations
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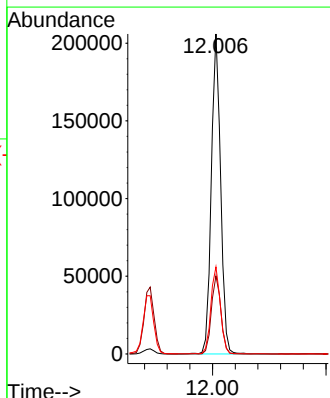
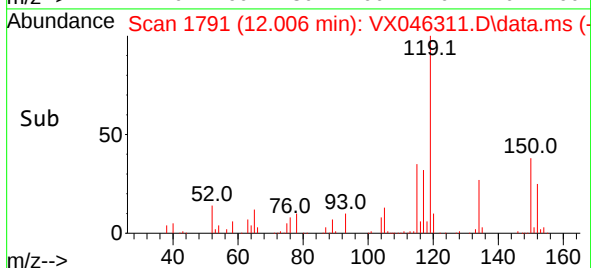
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

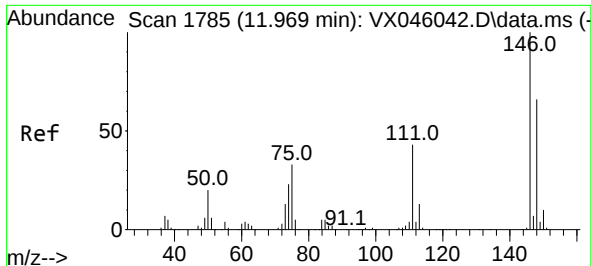


#86
 p-Isopropyltoluene
 Concen: 52.794 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046311.D
 Acq: 22 May 2025 07:59



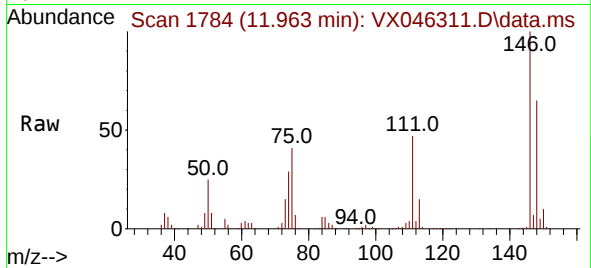
Tgt Ion:119 Resp: 234080
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 27.7 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 50.197 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

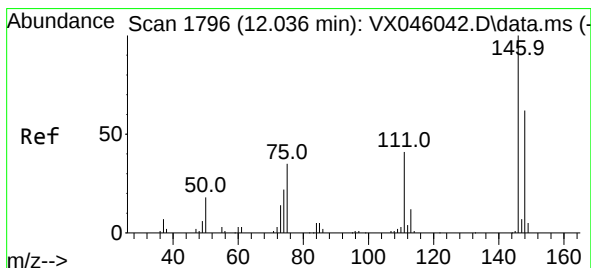
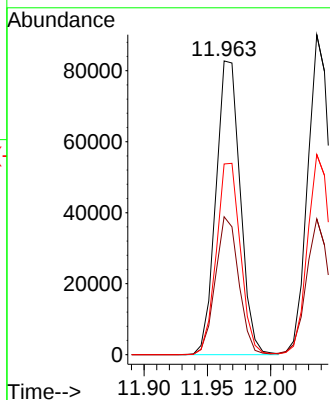
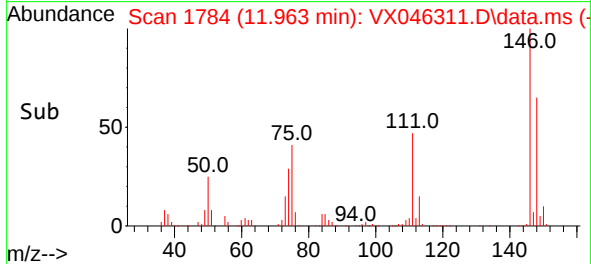
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



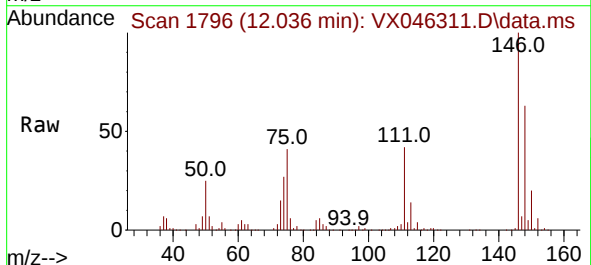
Tgt Ion:146 Resp: 11057
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.3
148 64.4 32.1 96.5

Manual Integrations
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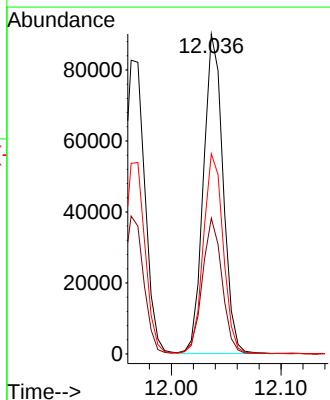
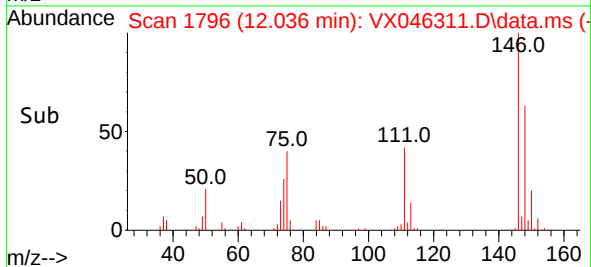
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

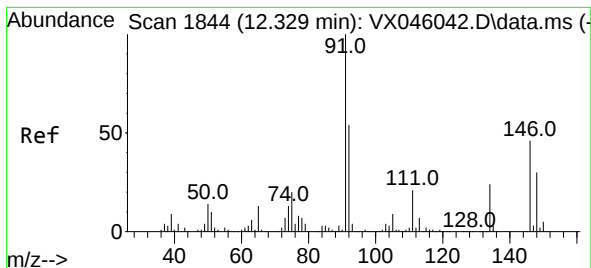


#88
1,4-Dichlorobenzene
Concen: 49.642 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59



Tgt Ion:146 Resp: 111674
Ion Ratio Lower Upper
146 100
111 42.8 21.3 63.9
148 63.5 31.9 95.5





#89

n-Butylbenzene

Concen: 53.984 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046311.D

Acq: 22 May 2025 07:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 20995

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.7

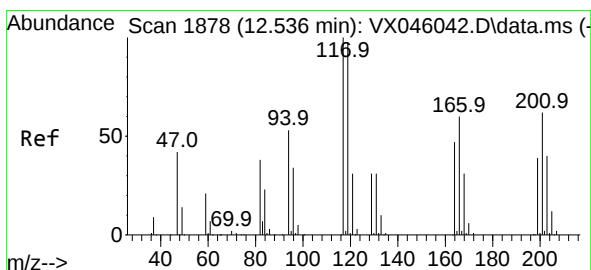
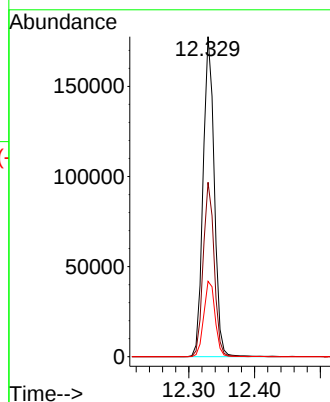
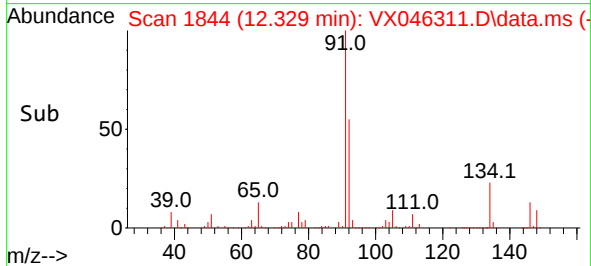
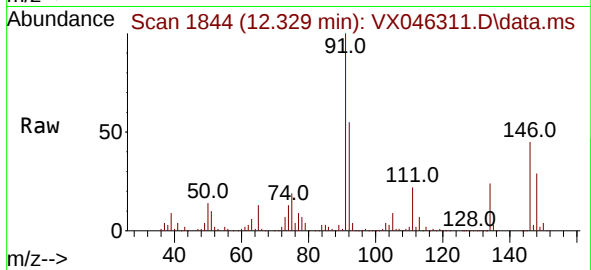
134 24.0 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#90

Hexachloroethane

Concen: 51.574 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046311.D

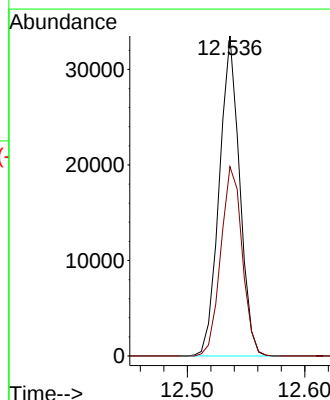
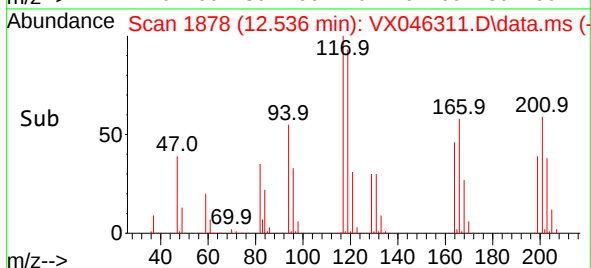
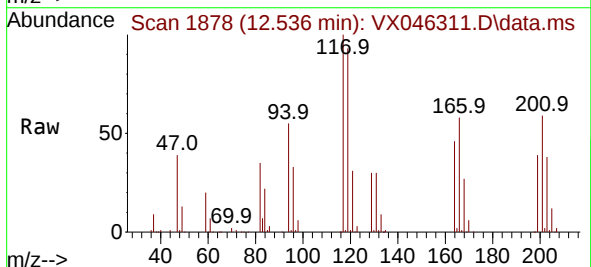
Acq: 22 May 2025 07:59

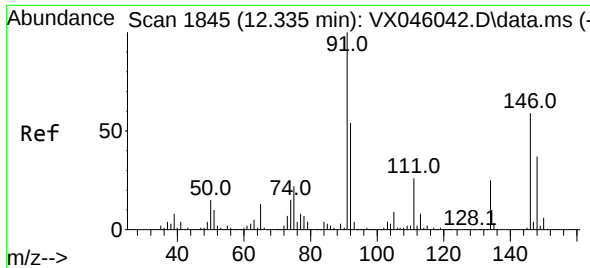
Tgt Ion:117 Resp: 40287

Ion Ratio Lower Upper

117 100

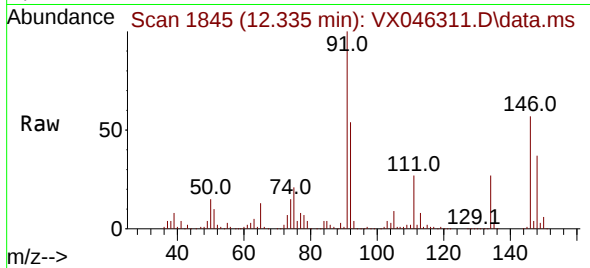
201 62.4 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 49.552 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

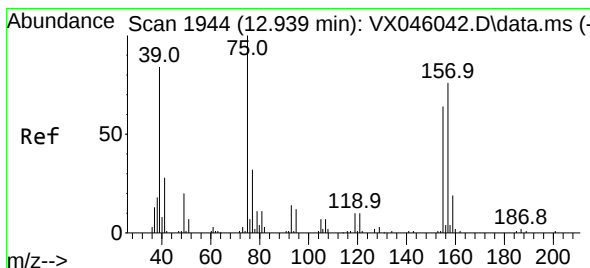
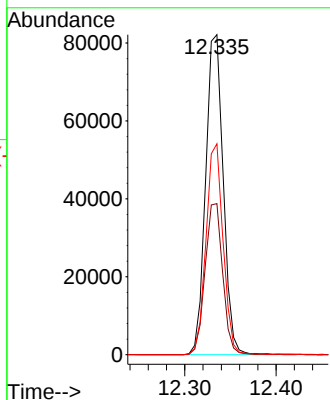
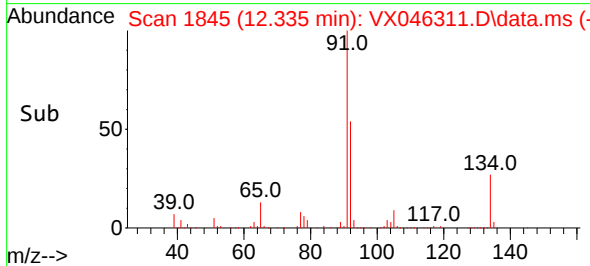
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



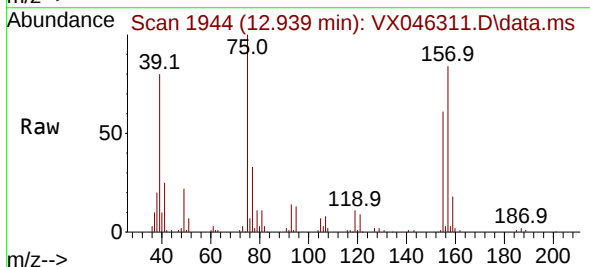
Tgt Ion:146 Resp: 10953
Ion Ratio Lower Upper
146 100
111 47.3 22.4 67.3
148 64.2 31.6 94.8

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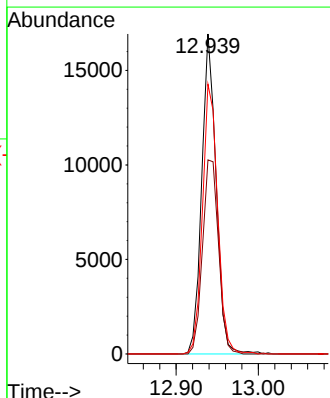
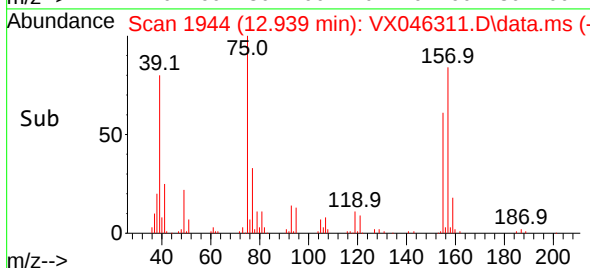
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

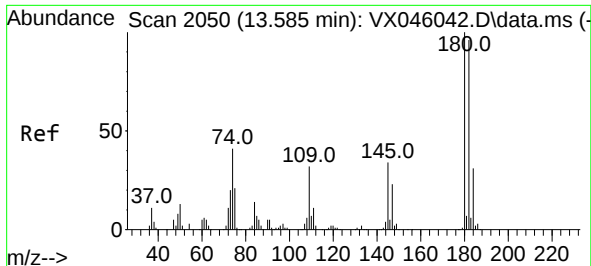


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.143 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59



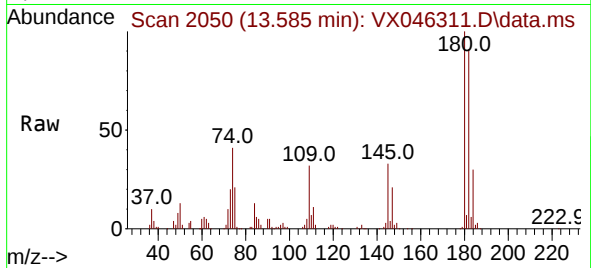
Tgt Ion: 75 Resp: 20641
Ion Ratio Lower Upper
75 100
155 67.2 34.9 104.8
157 88.6 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 51.316 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

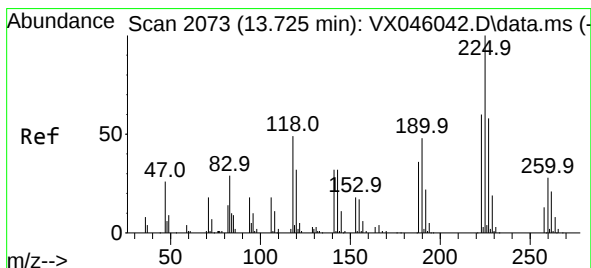
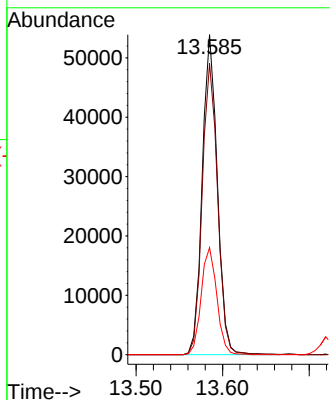
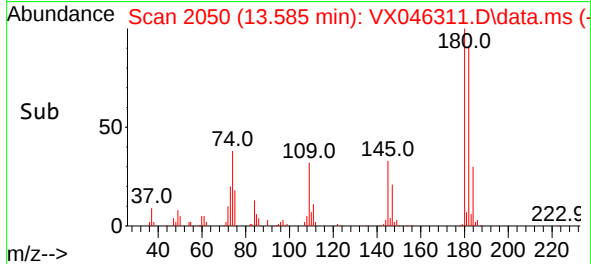
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 65150
Ion Ratio Lower Upper
180 100
182 92.7 47.9 143.8
145 34.6 17.1 51.2

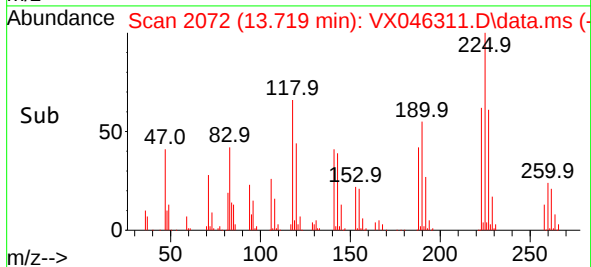
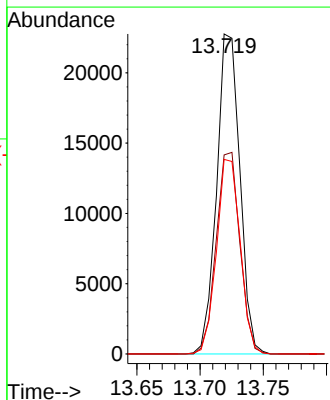
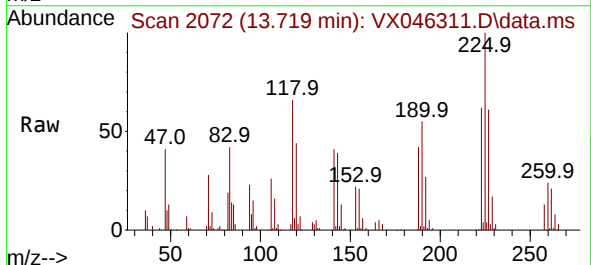
Manual Integrations
APPROVED

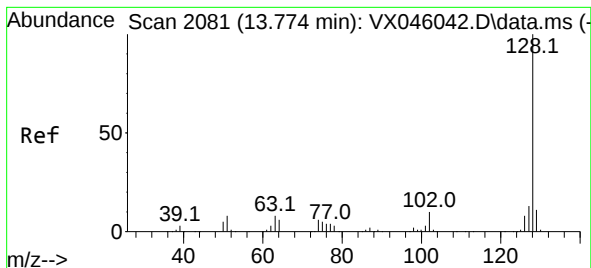
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#94
Hexachlorobutadiene
Concen: 52.341 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

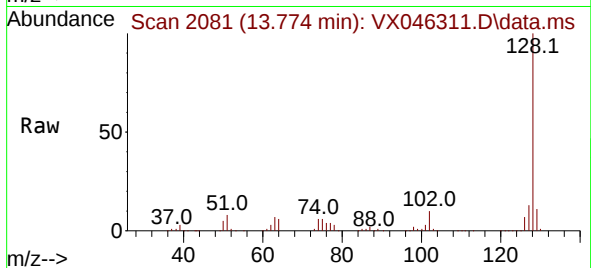
Tgt Ion:225 Resp: 29022
Ion Ratio Lower Upper
225 100
223 64.1 30.8 92.4
227 61.9 30.9 92.7





#95
Naphthalene
Concen: 48.916 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59

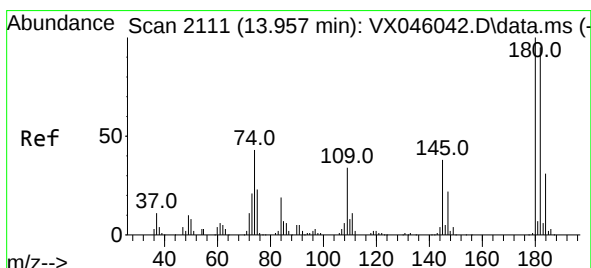
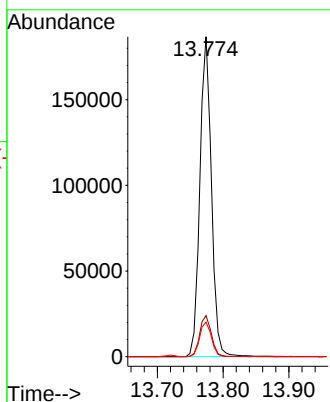
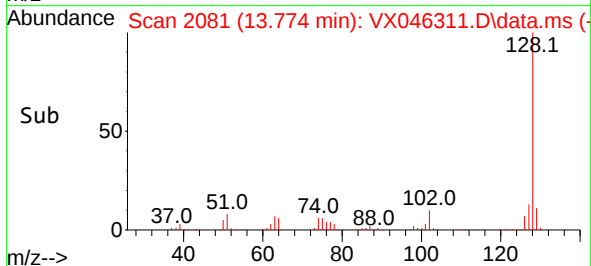
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



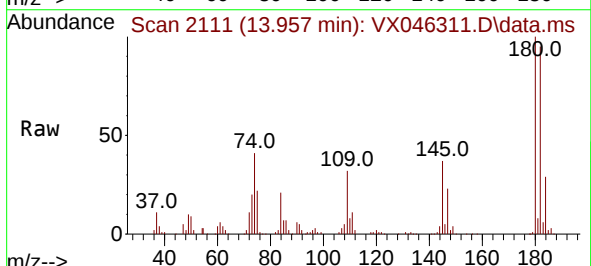
Tgt Ion:128 Resp: 227774
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.528 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046311.D
Acq: 22 May 2025 07:59



Tgt Ion:180 Resp: 67501
Ion Ratio Lower Upper
180 100
182 92.6 47.8 143.3
145 35.2 18.1 54.3

