

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046890.D
 Acq On : 03 Jul 2025 16:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2025
 Supervised By : Mahesh Dadoda 07/07/2025

Quant Time: Jul 07 08:43:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	363276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	606396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	543059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	274785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	226406	47.175	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.360%		
35) Dibromofluoromethane	5.397	113	190727	46.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.680%		
50) Toluene-d8	8.647	98	663956	45.718	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.440%#		
62) 4-Bromofluorobenzene	11.079	95	258032	46.749	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	166435	47.906	ug/l	100
3) Chloromethane	1.307	50	176136	46.403	ug/l	99
4) Vinyl Chloride	1.386	62	195391	47.269	ug/l	99
5) Bromomethane	1.624	94	120558	45.392	ug/l	98
6) Chloroethane	1.703	64	123121	45.108	ug/l	100
7) Trichlorofluoromethane	1.904	101	301902	47.235	ug/l	100
8) Diethyl Ether	2.148	74	108327	47.626	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	192438	47.251	ug/l	99
10) Methyl Iodide	2.465	142	207970	46.872	ug/l	100
11) Tert butyl alcohol	2.953	59	80163	254.681	ug/l	98
12) 1,1-Dichloroethene	2.337	96	184806	46.914	ug/l	98
13) Acrolein	2.245	56	87794	252.390	ug/l	96
14) Allyl chloride	2.678	41	335321	47.812	ug/l	99
15) Acrylonitrile	3.068	53	452129	248.447	ug/l	100
16) Acetone	2.386	43	361815	242.708	ug/l	96
17) Carbon Disulfide	2.526	76	445998	43.172	ug/l	99
18) Methyl Acetate	2.709	43	205160	52.214	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	551602	49.586	ug/l	100
20) Methylene Chloride	2.800	84	208155	47.220	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	191050	47.397	ug/l	99
22) Diisopropyl ether	3.770	45	675155	49.829	ug/l	99
23) Vinyl Acetate	3.733	43	2536699	249.898	ug/l	100
24) 1,1-Dichloroethane	3.623	63	365402	47.286	ug/l	100
25) 2-Butanone	4.562	43	515090	258.979	ug/l	98
26) 2,2-Dichloropropane	4.483	77	263579	45.832	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	236266	48.008	ug/l	99
28) Bromochloromethane	4.910	49	165563	43.413	ug/l	100
29) Tetrahydrofuran	5.007	42	330353	260.559	ug/l	99
30) Chloroform	5.099	83	372535	47.189	ug/l	98
31) Cyclohexane	5.477	56	322610	47.027	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	306329	46.444	ug/l	99
36) 1,1-Dichloropropene	5.702	75	253104	45.574	ug/l	99
37) Ethyl Acetate	4.721	43	220234	46.559	ug/l	98
38) Carbon Tetrachloride	5.690	117	269751	45.943	ug/l	97
39) Methylcyclohexane	7.385	83	312603	44.997	ug/l	98
40) Benzene	6.044	78	779514	46.405	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	130449	51.698	ug/l	98
42) 1,2-Dichloroethane	6.092	62	264399	46.353	ug/l	100
43) Isopropyl Acetate	6.342	43	364779	50.348	ug/l	100
44) Trichloroethene	7.129	130	200025	45.744	ug/l	99
45) 1,2-Dichloropropane	7.434	63	197912	46.633	ug/l	98
46) Dibromomethane	7.580	93	137999	46.930	ug/l	100
47) Bromodichloromethane	7.824	83	293355	46.722	ug/l	98
48) Methyl methacrylate	7.696	41	193426	51.704	ug/l	98
49) 1,4-Dioxane	7.659	88	44277	1021.451	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1093159	255.655	ug/l	100
52) Toluene	8.720	92	485542	46.645	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	266708	47.597	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	304814	47.657	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	182650	47.109	ug/l	98
56) Ethyl methacrylate	9.116	69	273320	50.933	ug/l	99
57) 1,3-Dichloropropane	9.305	76	318706	47.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	769570	254.517	ug/l	99
59) 2-Hexanone	9.427	43	741020	261.271	ug/l	99
60) Dibromochloromethane	9.519	129	215262	46.393	ug/l	99
61) 1,2-Dibromoethane	9.610	107	182474	46.862	ug/l	99
64) Tetrachloroethene	9.275	164	163038	45.092	ug/l	95
65) Chlorobenzene	10.079	112	546559	46.551	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	184845	46.832	ug/l	100
67) Ethyl Benzene	10.189	91	945504	47.023	ug/l	99
68) m/p-Xylenes	10.299	106	706680	93.270	ug/l	99
69) o-Xylene	10.640	106	346409	47.331	ug/l	98
70) Styrene	10.652	104	596861	47.666	ug/l	99
71) Bromoform	10.799	173	135750	46.256	ug/l #	98
73) Isopropylbenzene	10.957	105	906494	46.928	ug/l	100
74) N-amyl acetate	10.841	43	332668	50.681	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	253887	47.799	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	205268m	48.346	ug/l	
77) Bromobenzene	11.195	156	221667	46.070	ug/l	98
78) n-propylbenzene	11.299	91	1075973	46.195	ug/l	100
79) 2-Chlorotoluene	11.360	91	637752	46.371	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	734303	46.784	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	72923	46.090	ug/l	97
82) 4-Chlorotoluene	11.451	91	738576	46.536	ug/l	100
83) tert-Butylbenzene	11.713	119	754646	46.552	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	737391	46.480	ug/l	97
85) sec-Butylbenzene	11.890	105	930385	45.520	ug/l	99
86) p-Isopropyltoluene	12.006	119	779230	45.526	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	414859	46.103	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	412494	44.046	ug/l	99
89) n-Butylbenzene	12.329	91	708475	44.053	ug/l	99
90) Hexachloroethane	12.536	117	132641	43.715	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	396234	45.439	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44980	48.417	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	267495	45.154	ug/l	100
94) Hexachlorobutadiene	13.719	225	90509	40.512	ug/l	100
95) Naphthalene	13.774	128	778101	49.845	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	253635	45.313	ug/l	97

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VSTDCCC050EC

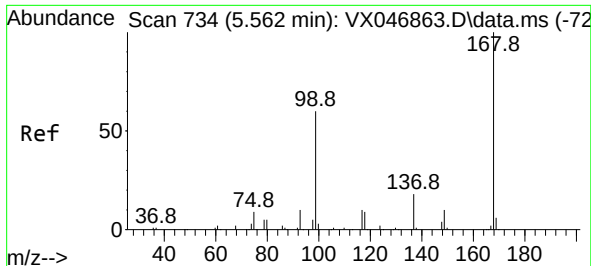
Manual Integrations
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Response via : Initial Calibration

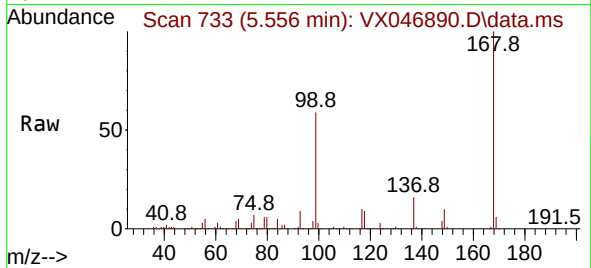
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046890.D
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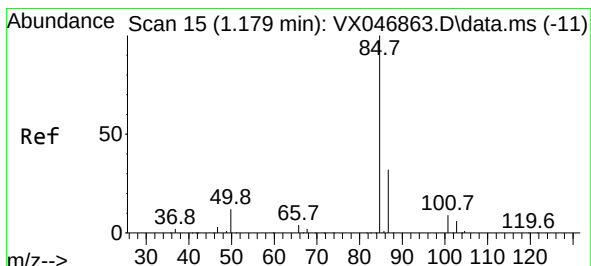
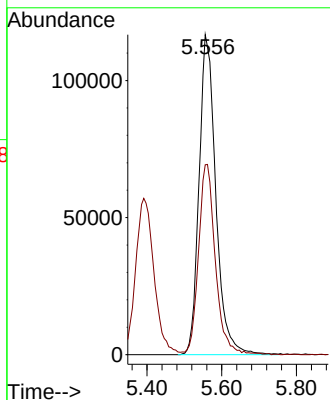
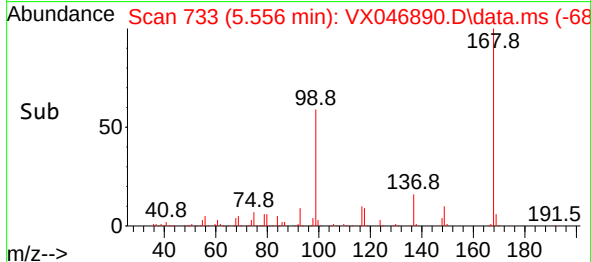
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 363270
Ion Ratio Lower Upper
168 100
99 59.2 48.8 73.2

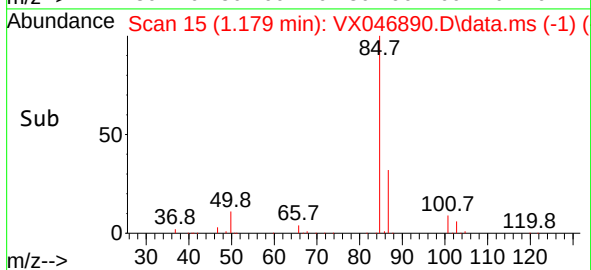
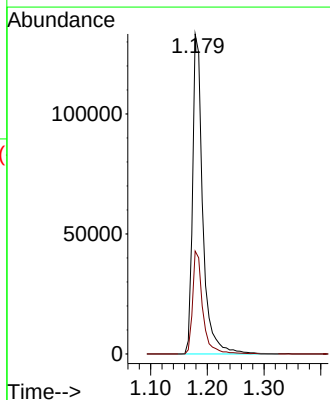
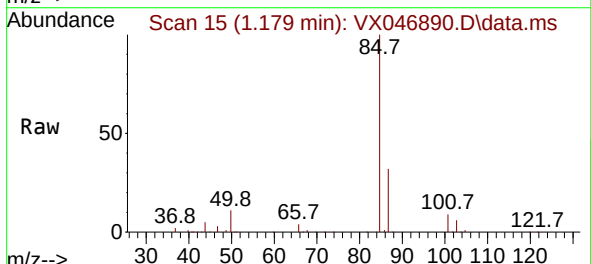
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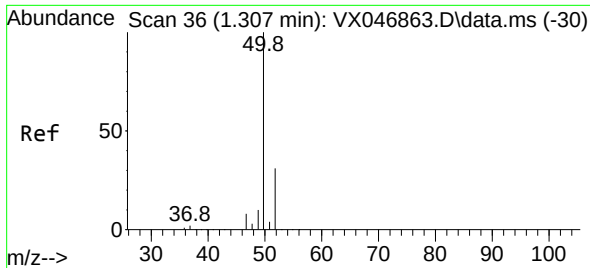
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#2
Dichlorodifluoromethane
Concen: 47.906 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

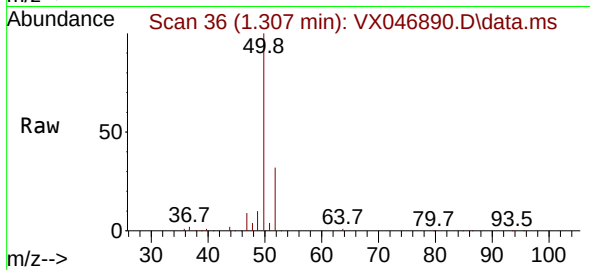
Tgt Ion: 85 Resp: 166435
Ion Ratio Lower Upper
85 100
87 32.2 16.0 47.9





#3
Chloromethane
Concen: 46.403 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

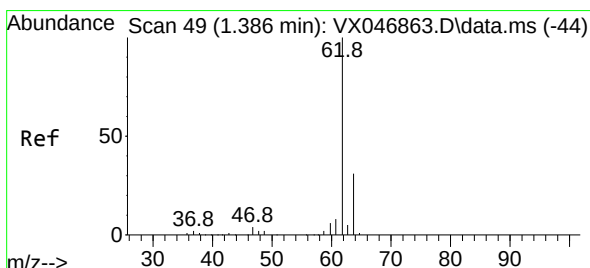
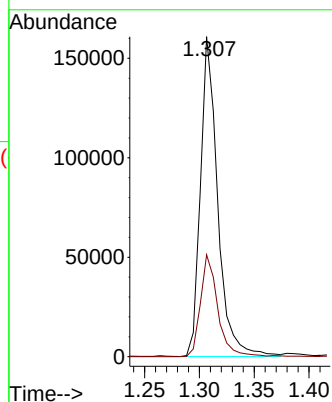
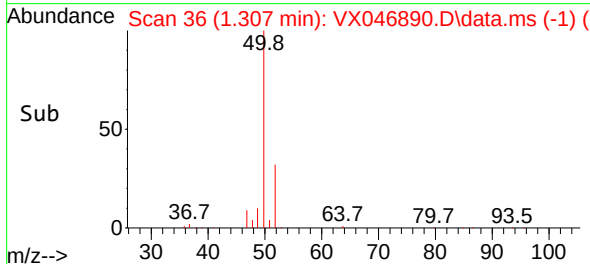
Instrument :
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Tgt Ion: 50 Resp: 176130
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4

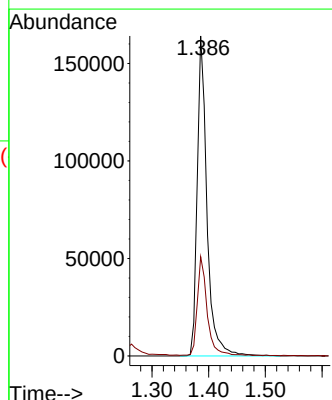
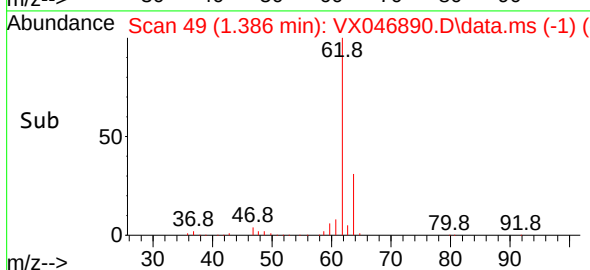
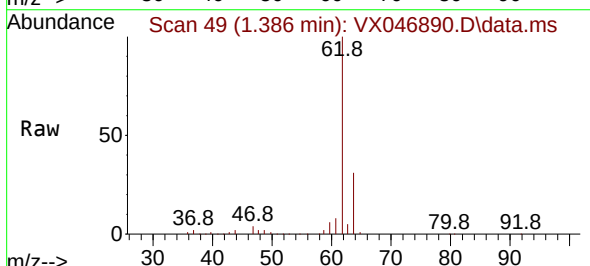
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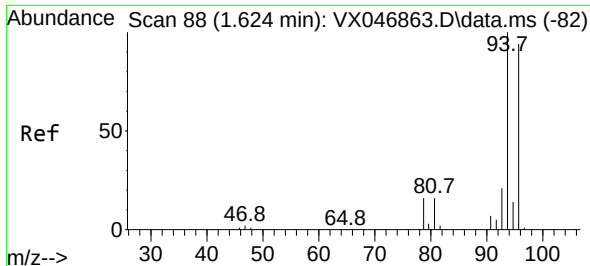
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#4
Vinyl Chloride
Concen: 47.269 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

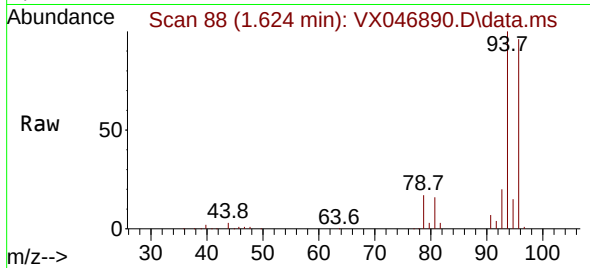
Tgt Ion: 62 Resp: 195391
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.4





#5
Bromomethane
Concen: 45.392 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

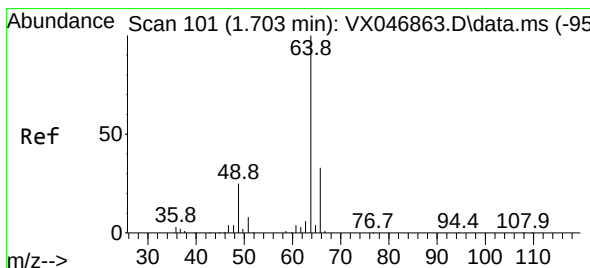
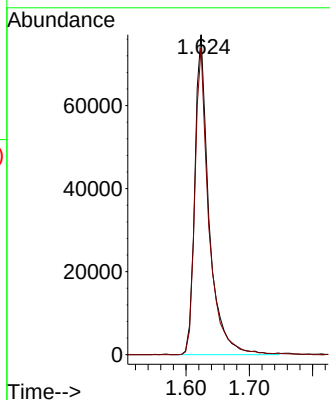
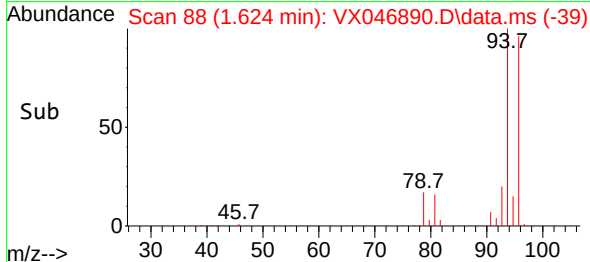
Instrument :
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Tgt Ion: 94 Resp: 120558
Ion Ratio Lower Upper
94 100
96 95.9 75.5 113.3

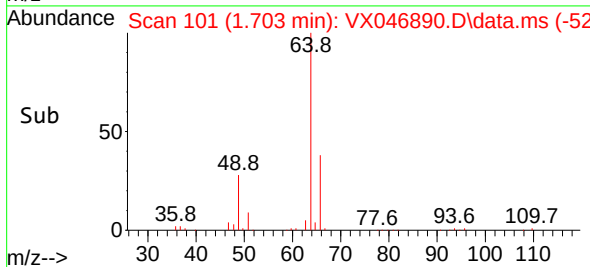
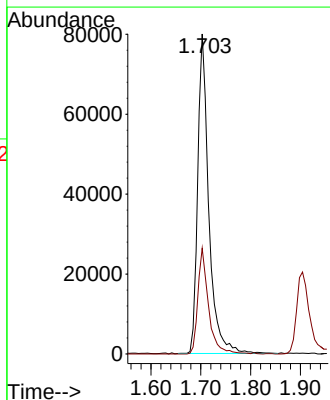
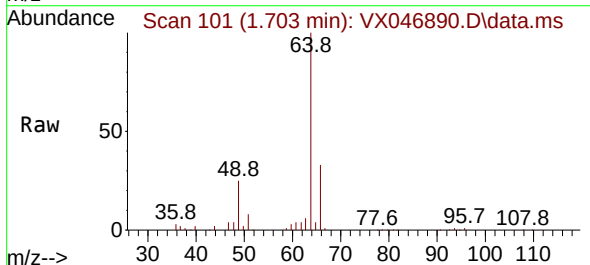
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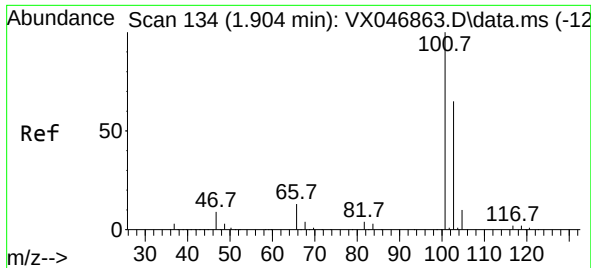
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#6
Chloroethane
Concen: 45.108 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046890.D
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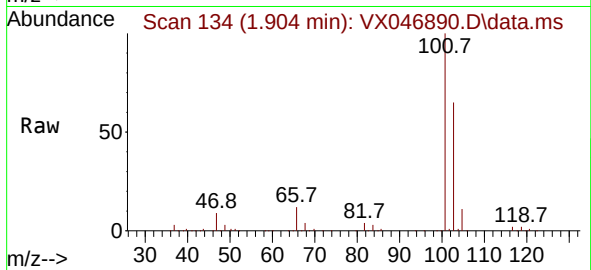
Tgt Ion: 64 Resp: 123121
Ion Ratio Lower Upper
64 100
66 33.1 26.4 39.6





#7
Trichlorofluoromethane
Concen: 47.235 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046890.D
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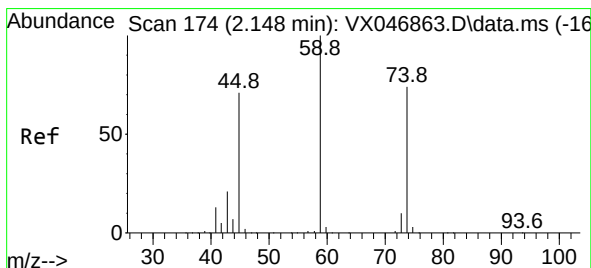
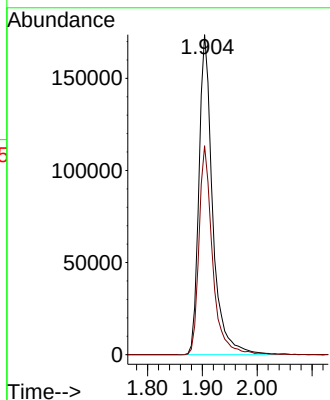
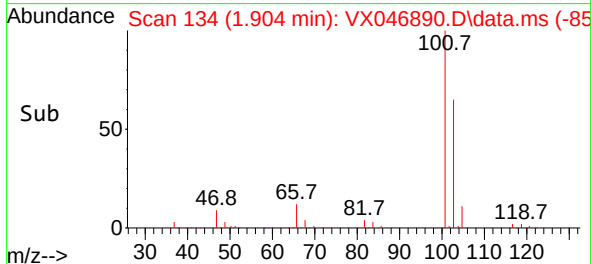
Instrument :
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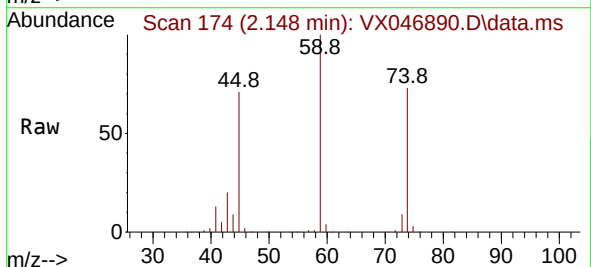
Tgt Ion:101 Resp: 30190
Ion Ratio Lower Upper
101 100
103 65.3 51.9 77.9

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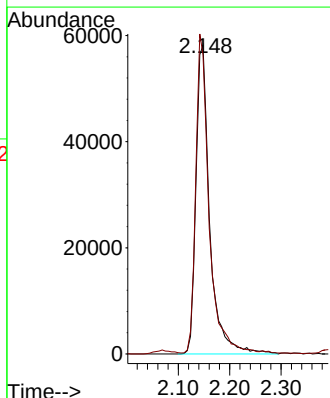
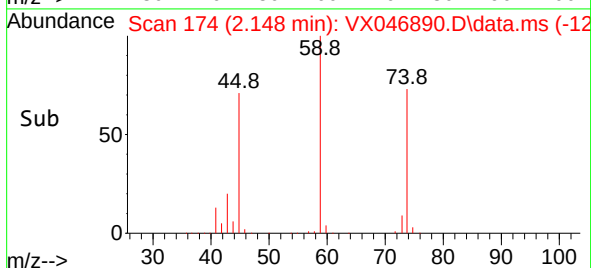
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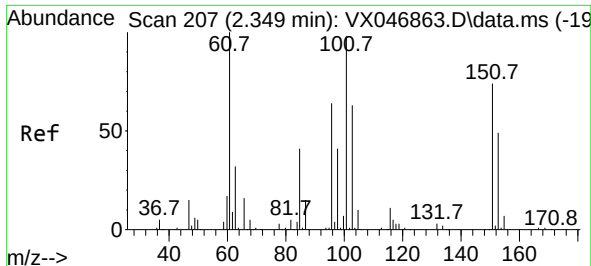


#8
Diethyl Ether
Concen: 47.626 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046890.D
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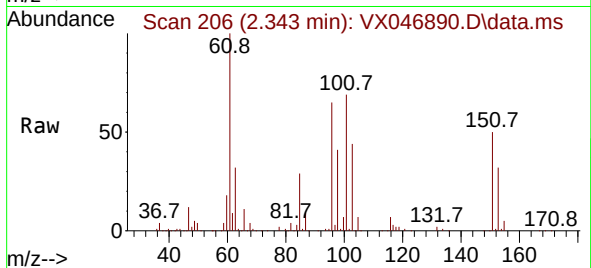
Tgt Ion: 74 Resp: 108327
Ion Ratio Lower Upper
74 100
45 98.8 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.251 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046890.D
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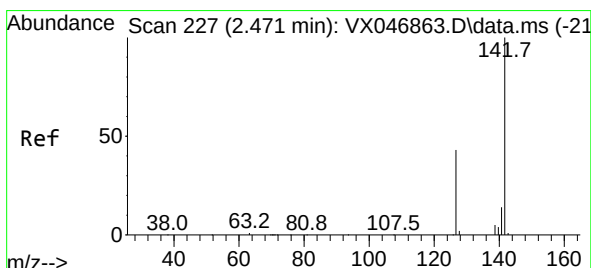
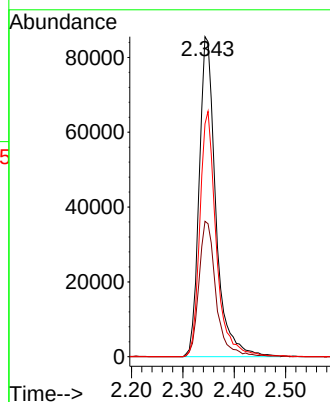
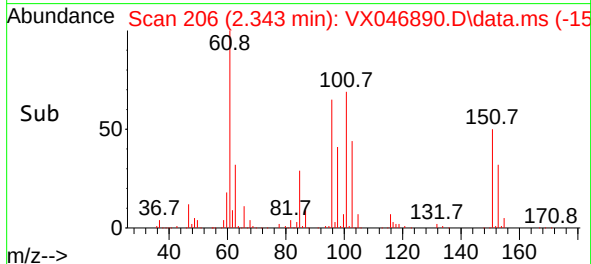
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



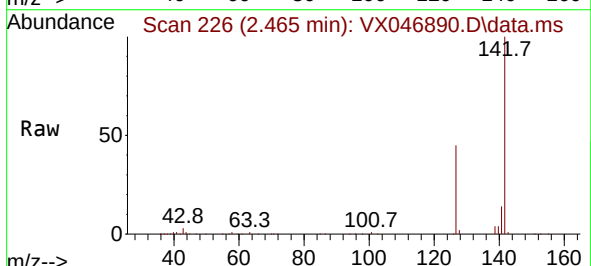
Tgt Ion:101 Resp: 192438
Ion Ratio Lower Upper
101 100
85 43.6 34.3 51.5
151 75.7 59.9 89.9

Manual Integrations
APPROVED

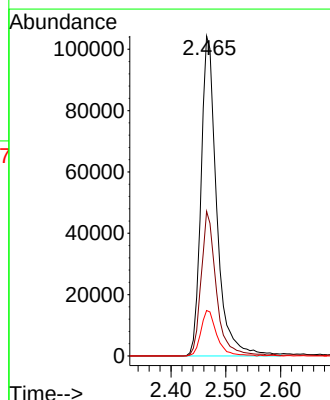
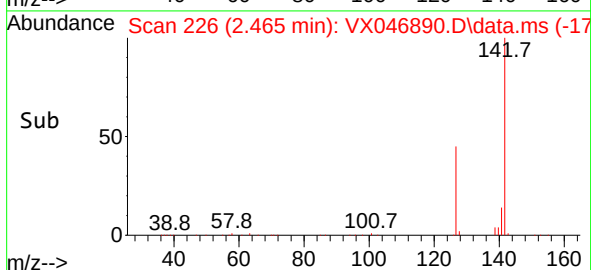
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

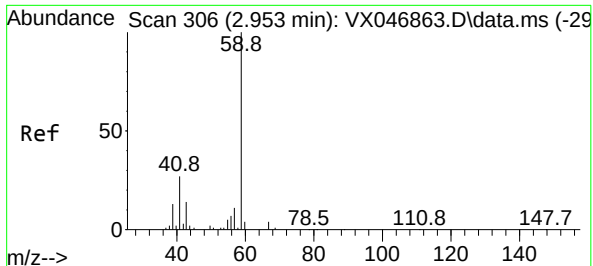


#10
Methyl Iodide
Concen: 46.872 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03



Tgt Ion:142 Resp: 207970
Ion Ratio Lower Upper
142 100
127 43.6 34.9 52.3
141 14.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 254.681 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 8016

Ion Ratio Lower Upper

59 100

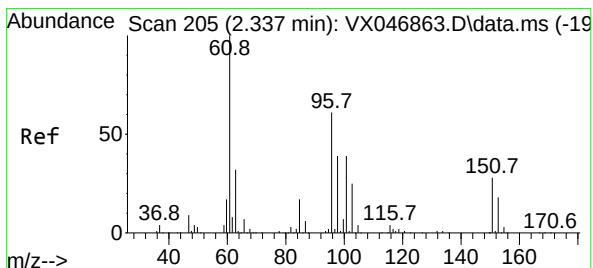
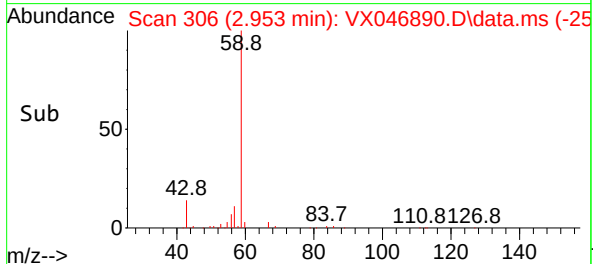
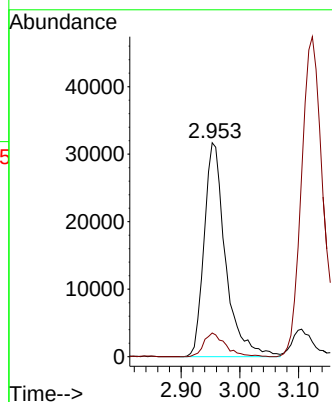
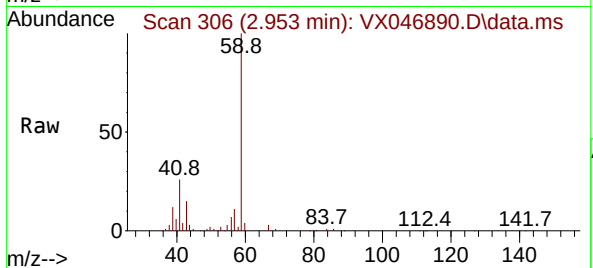
57 11.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#12

1,1-Dichloroethene

Concen: 46.914 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

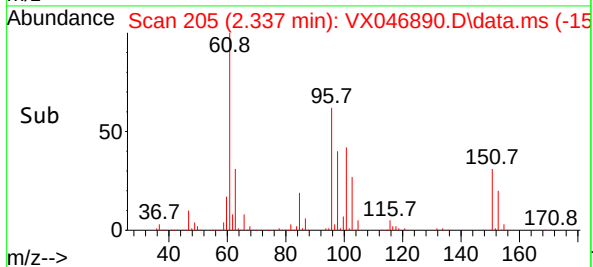
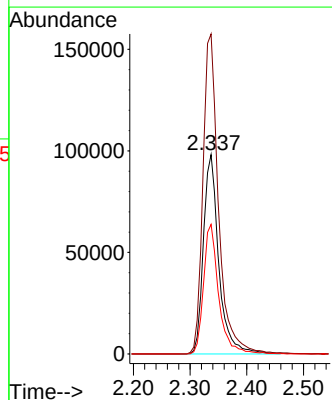
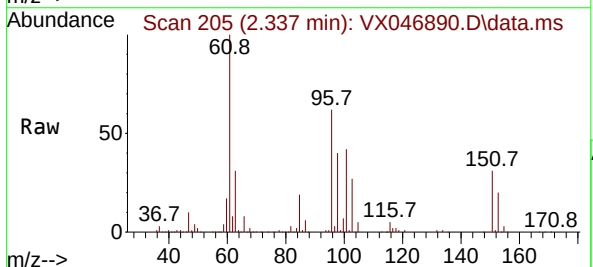
Tgt Ion: 96 Resp: 184806

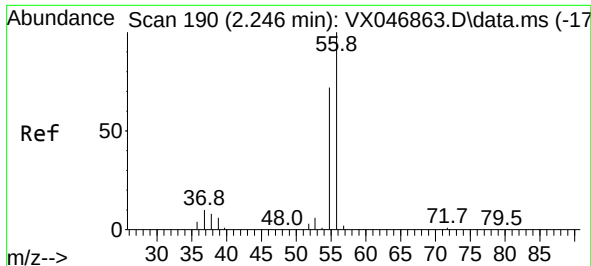
Ion Ratio Lower Upper

96 100

61 160.4 130.2 195.4

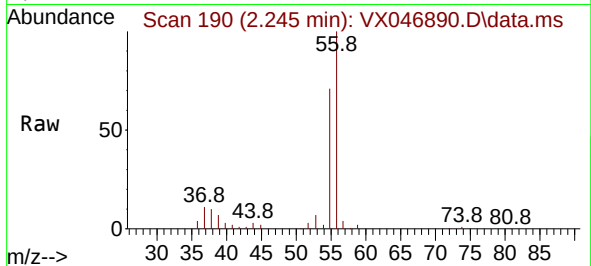
98 65.0 51.3 76.9





#13
Acrolein
Concen: 252.390 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

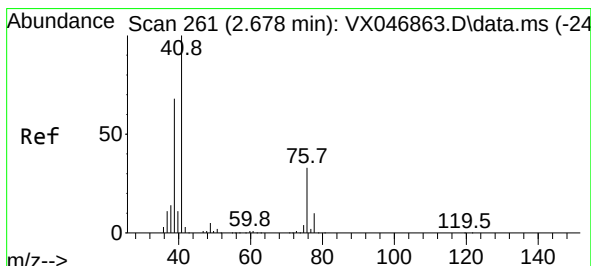
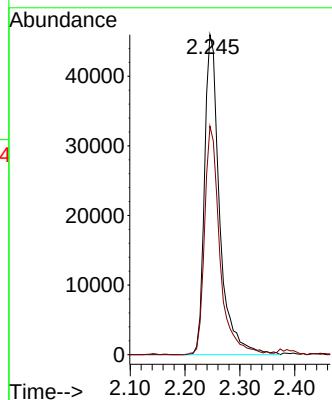
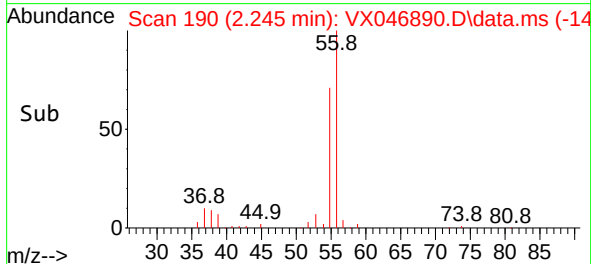
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 87794
Ion Ratio Lower Upper
56 100
55 72.5 55.5 83.3

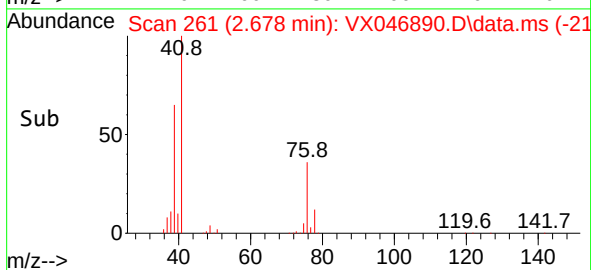
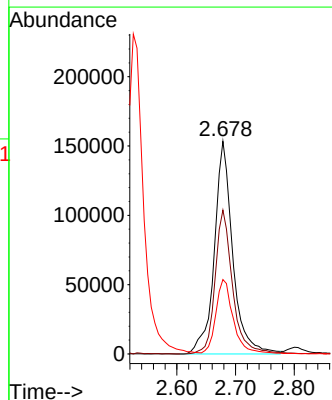
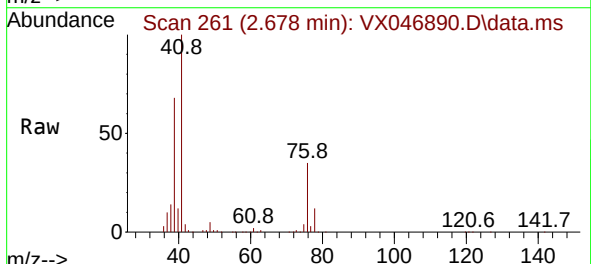
Manual Integrations
APPROVED

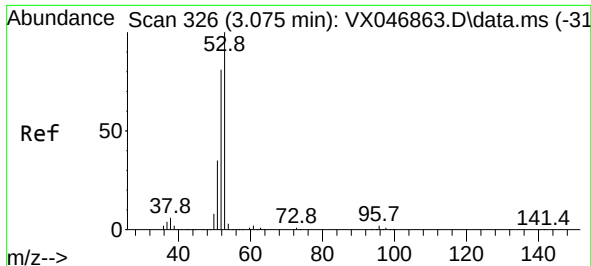
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#14
Allyl chloride
Concen: 47.812 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

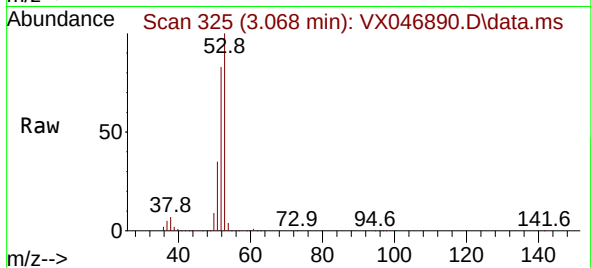
Tgt Ion: 41 Resp: 335321
Ion Ratio Lower Upper
41 100
39 64.4 52.0 78.0
76 33.1 26.2 39.2





#15
Acrylonitrile
Concen: 248.447 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

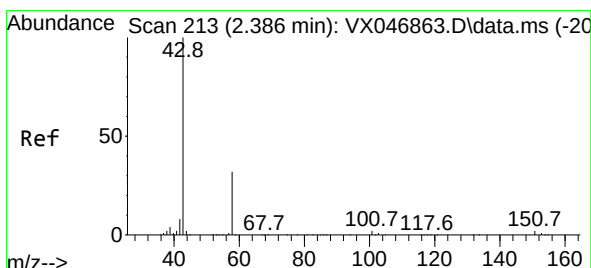
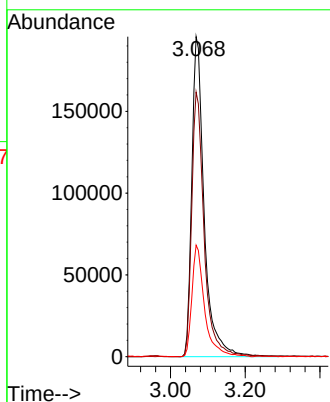
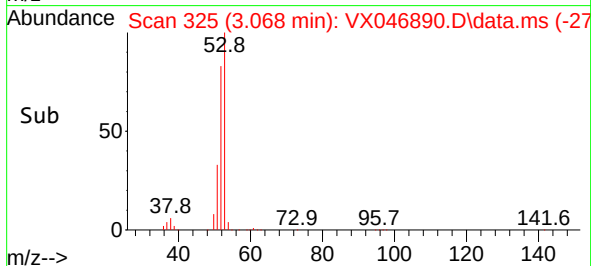
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



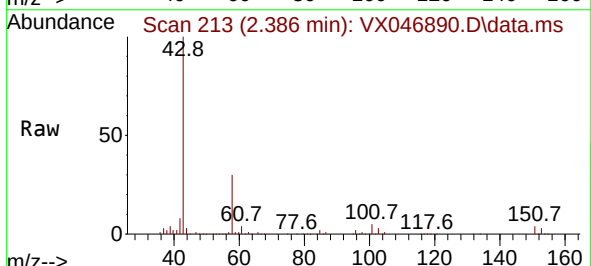
Tgt Ion: 53 Resp: 452129
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 35.5 28.6 43.0

Manual Integrations
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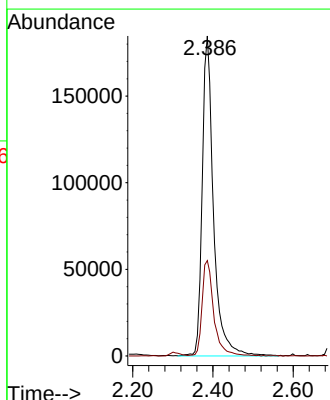
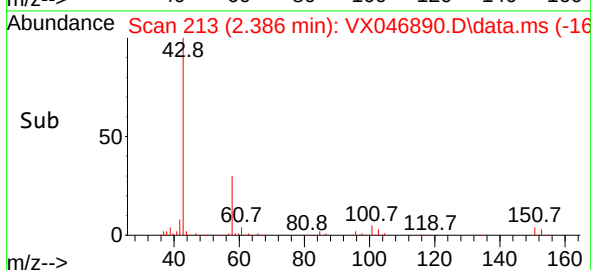
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

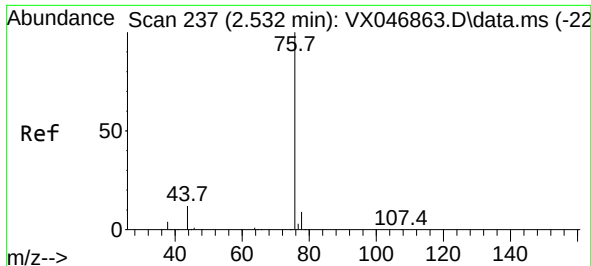


#16
Acetone
Concen: 242.708 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03



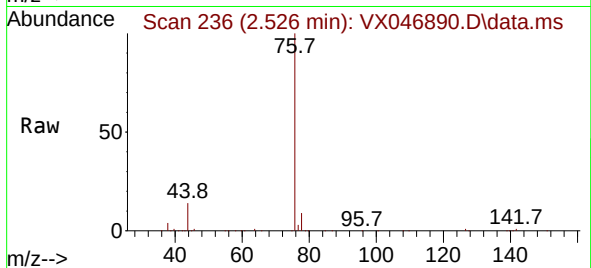
Tgt Ion: 43 Resp: 361815
Ion Ratio Lower Upper
43 100
58 29.7 25.8 38.6





#17
Carbon Disulfide
Concen: 43.172 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

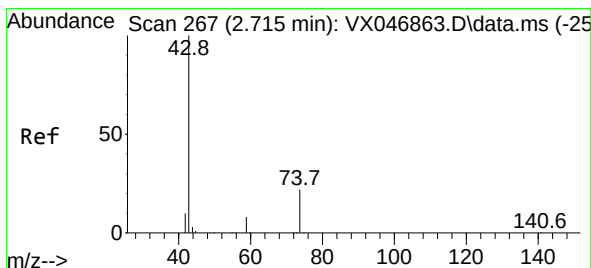
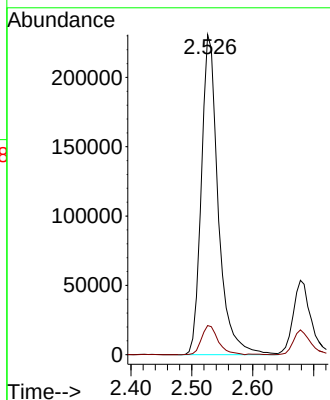
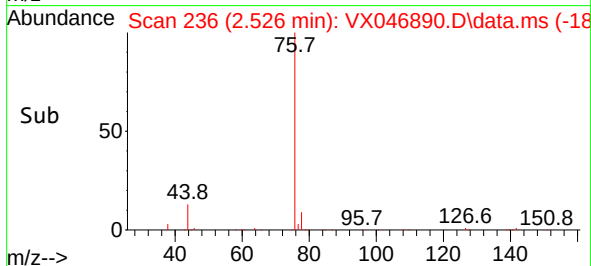
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 445998
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

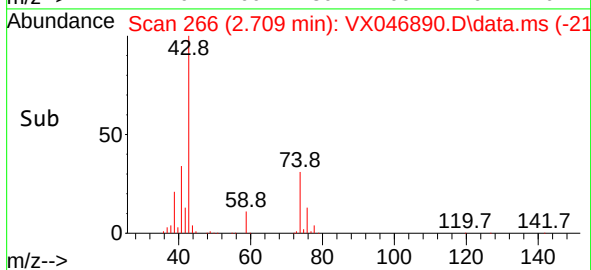
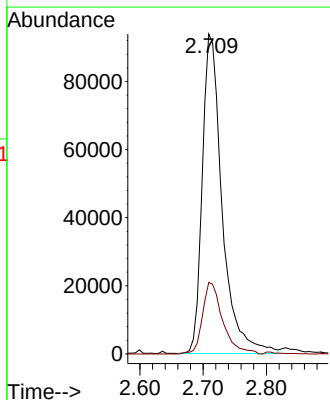
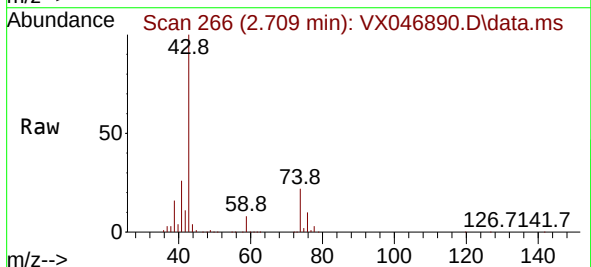
Manual Integrations
APPROVED

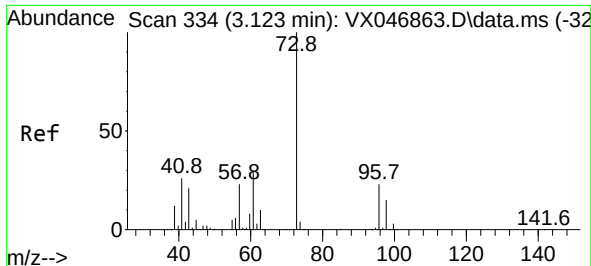
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#18
Methyl Acetate
Concen: 52.214 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Tgt Ion: 43 Resp: 205160
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5





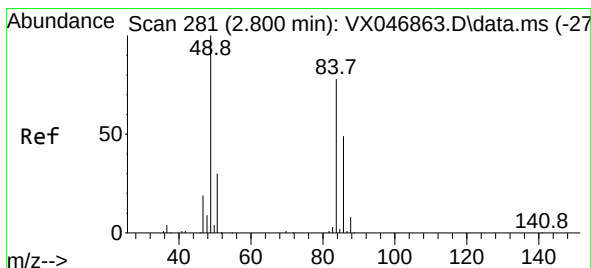
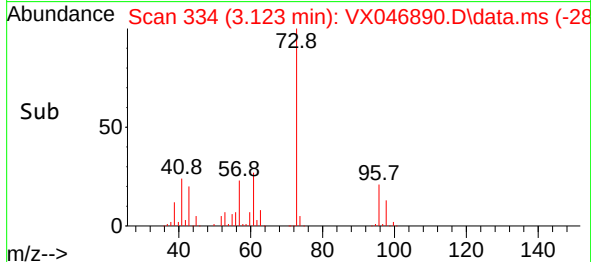
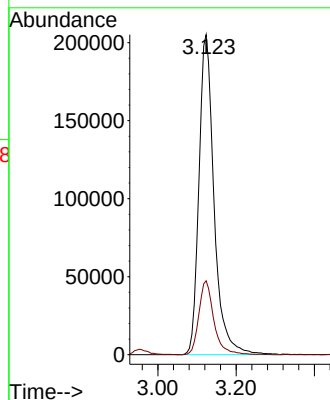
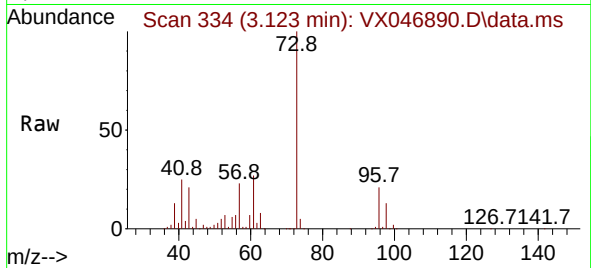
#19
Methyl tert-butyl Ether
Concen: 49.586 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 55160
Ion Ratio Lower Upper
73 100
57 23.1 18.6 28.0

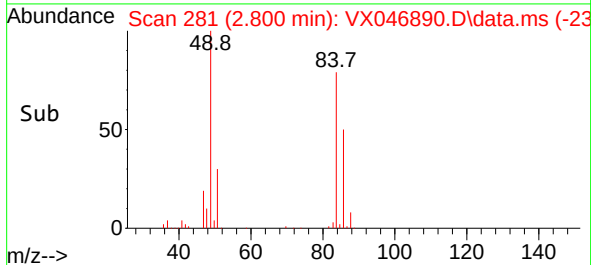
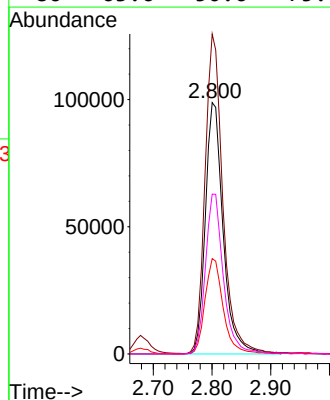
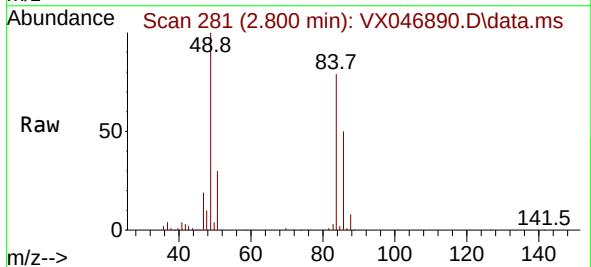
Manual Integrations
APPROVED

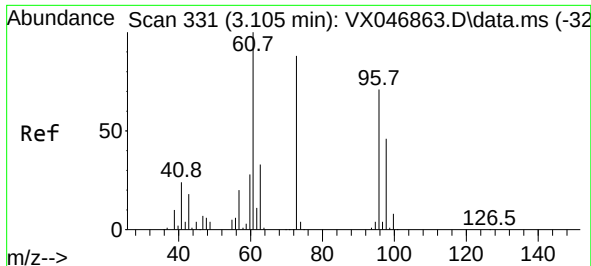
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#20
Methylene Chloride
Concen: 47.220 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

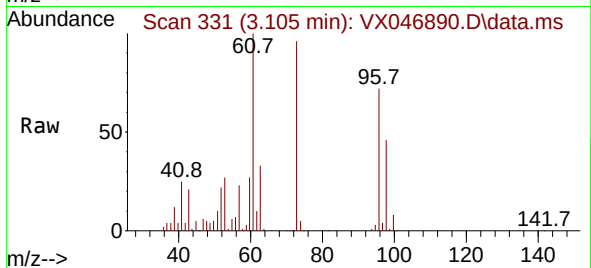
Tgt Ion: 84 Resp: 208155
Ion Ratio Lower Upper
84 100
49 127.1 102.8 154.2
51 37.9 31.1 46.7
86 63.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 47.397 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

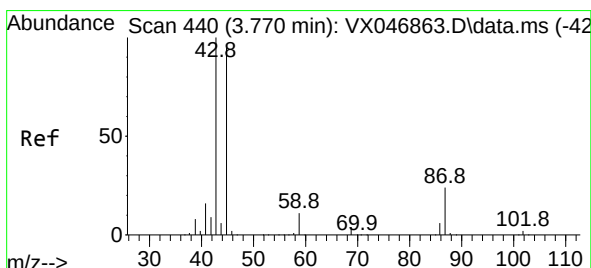
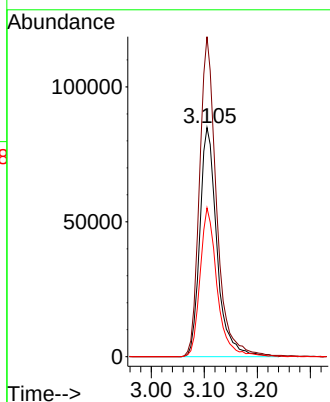
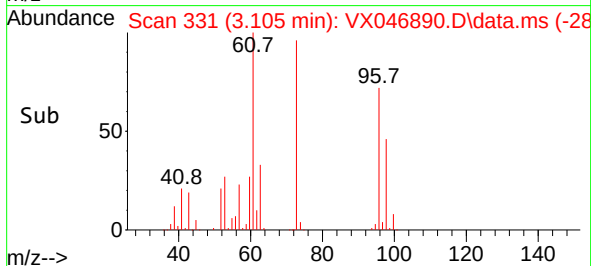
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 191050
Ion Ratio Lower Upper
96 100
61 139.6 113.4 170.2
98 64.9 51.8 77.6

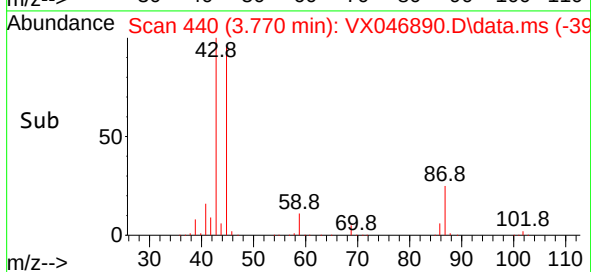
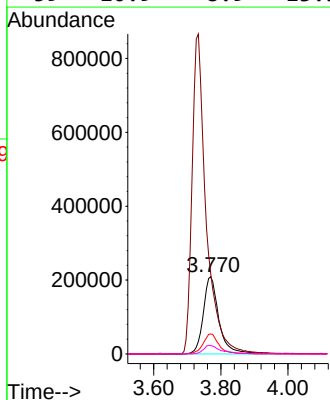
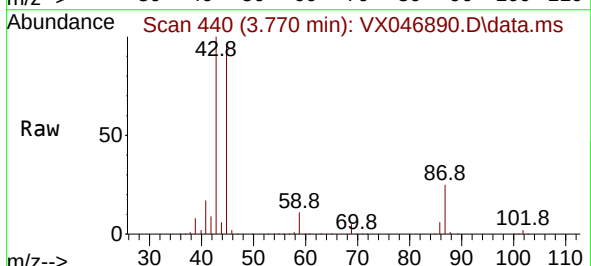
Manual Integrations
APPROVED

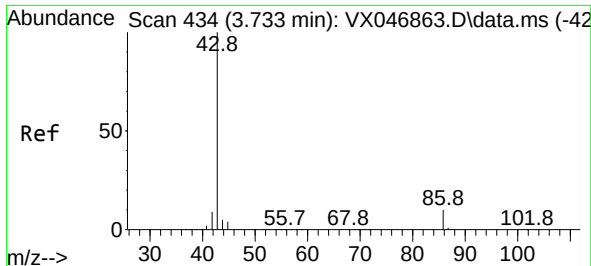
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#22
Diisopropyl ether
Concen: 49.829 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

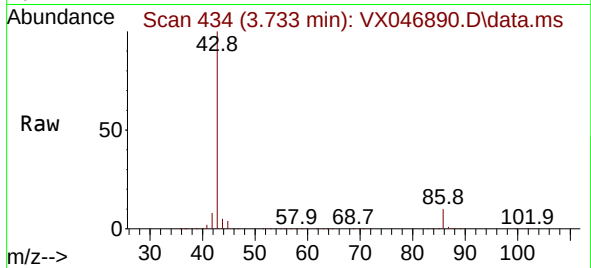
Tgt Ion: 45 Resp: 675155
Ion Ratio Lower Upper
45 100
43 104.5 84.2 126.4
87 25.9 20.3 30.5
59 10.9 8.9 13.3





#23
 Vinyl Acetate
 Concen: 249.898 ug/l
 RT: 3.733 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046890.D
 Acq: 03 Jul 2025 16:03

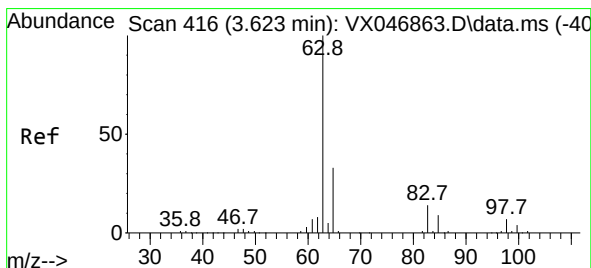
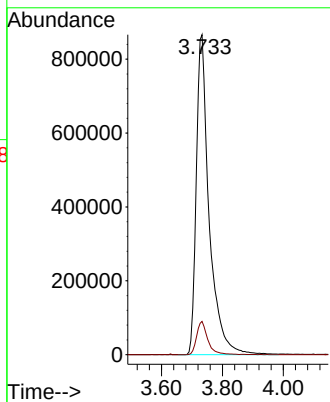
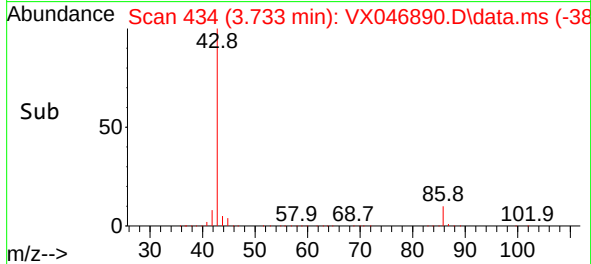
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



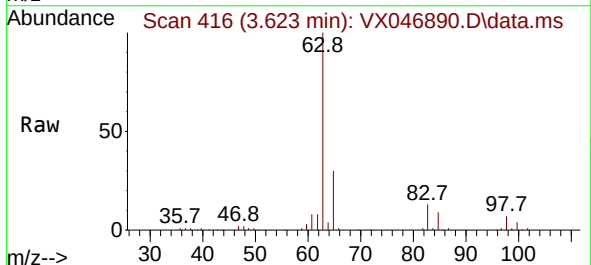
Tgt Ion: 43 Resp: 253669
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4

Manual Integrations
 APPROVED

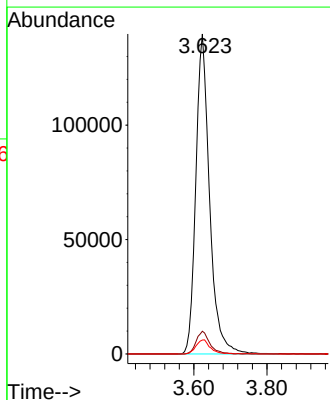
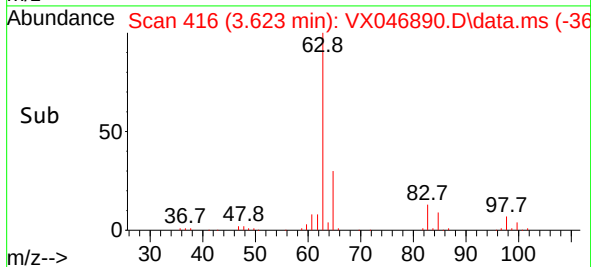
Reviewed By :John Carlone 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025

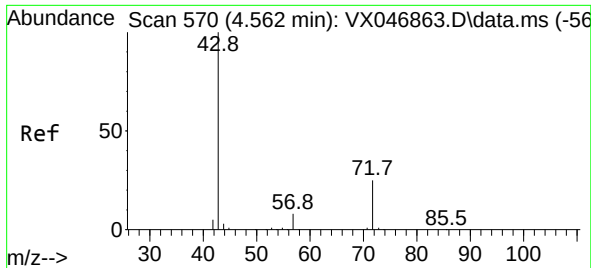


#24
 1,1-Dichloroethane
 Concen: 47.286 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046890.D
 Acq: 03 Jul 2025 16:03



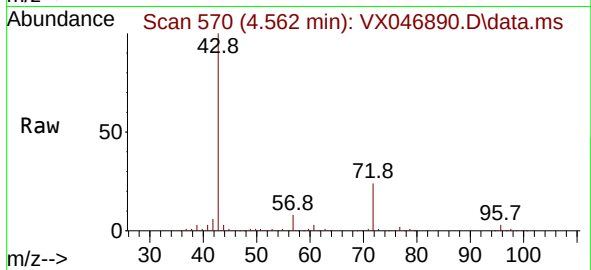
Tgt Ion: 63 Resp: 365402
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.5 2.3 6.9





#25
2-Butanone
Concen: 258.979 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

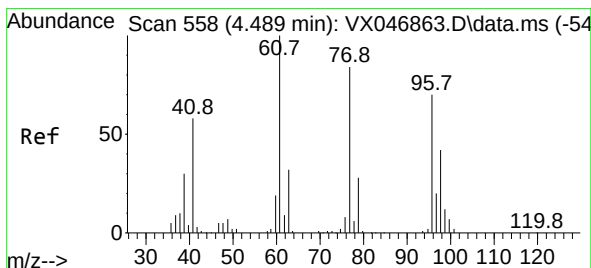
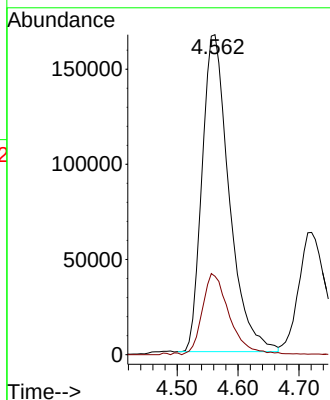
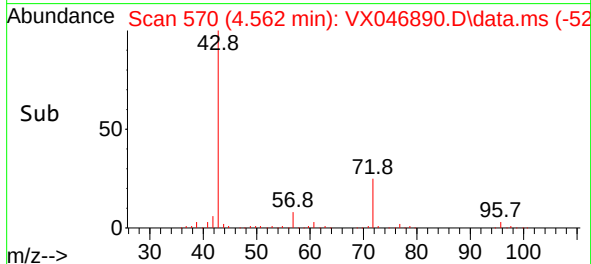
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 515090
Ion Ratio Lower Upper
43 100
72 24.2 20.0 30.0

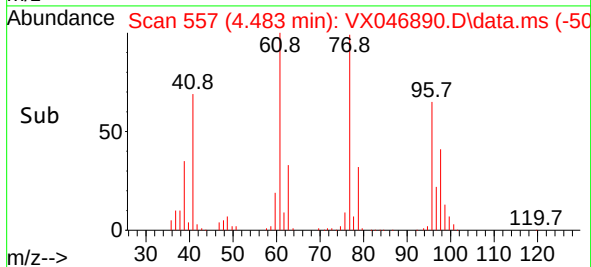
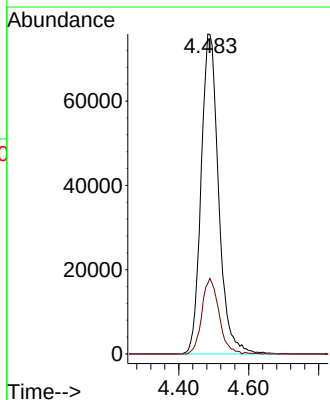
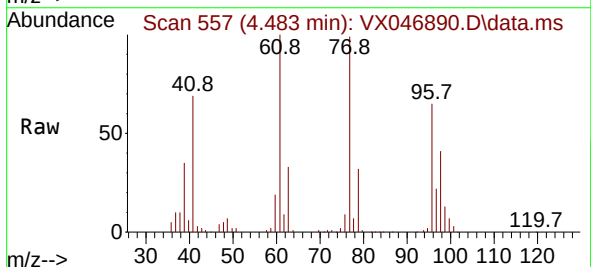
Manual Integrations
APPROVED

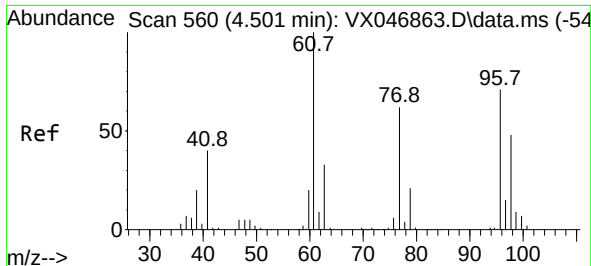
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#26
2,2-Dichloropropane
Concen: 45.832 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Tgt Ion: 77 Resp: 263579
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 48.008 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 236260

Ion Ratio Lower Upper

96 100

61 142.5 0.0 288.6

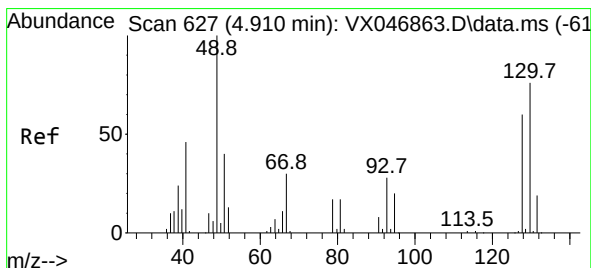
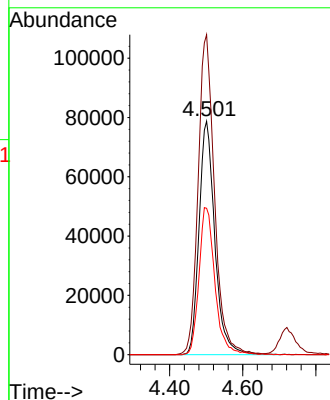
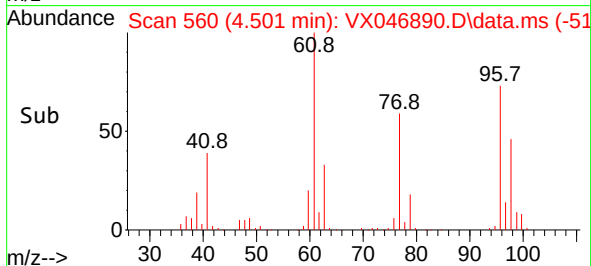
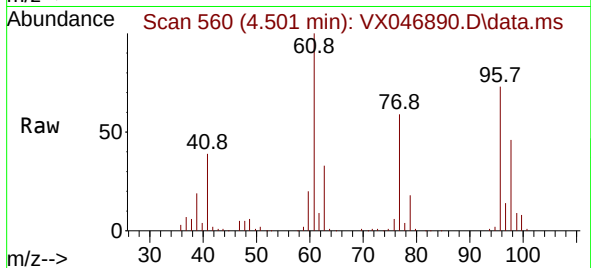
98 63.7 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#28

Bromochloromethane

Concen: 43.413 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

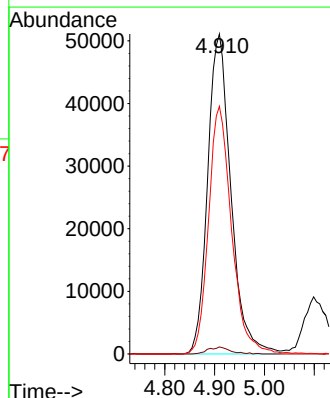
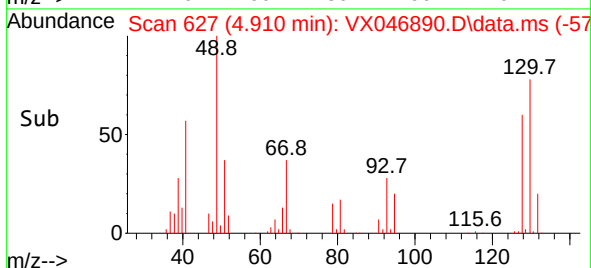
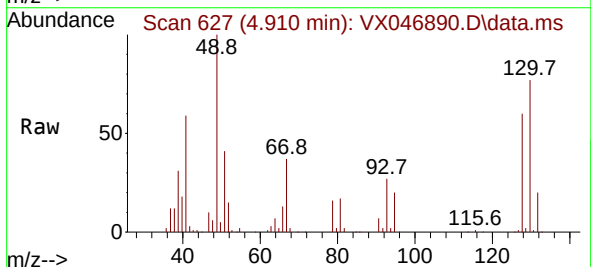
Tgt Ion: 49 Resp: 165563

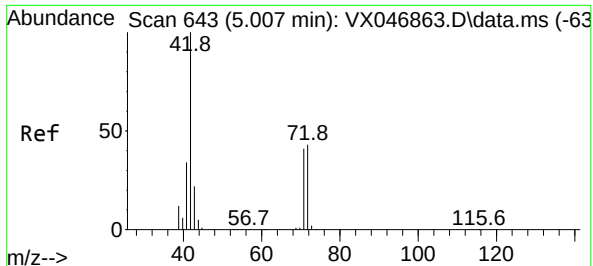
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 76.7 61.7 92.5





#29

Tetrahydrofuran

Concen: 260.559 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 33035

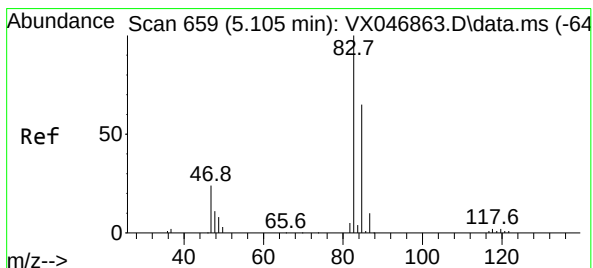
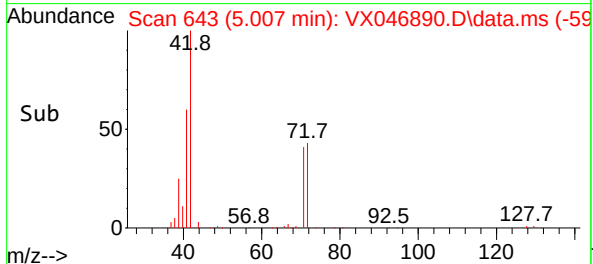
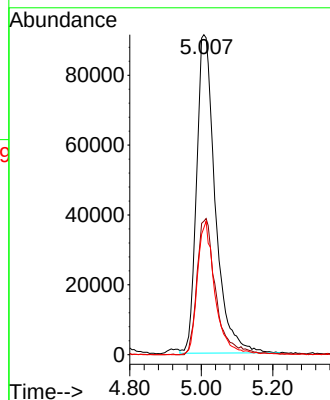
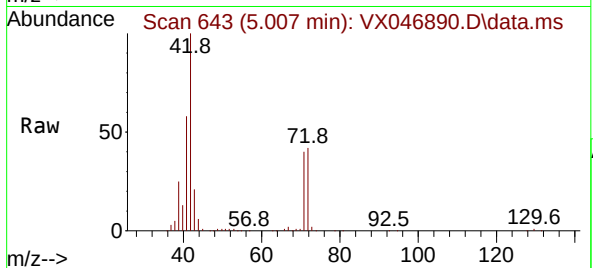
Ion	Ratio	Lower	Upper
42	100		
72	43.3	35.1	52.7
71	39.5	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#30

Chloroform

Concen: 47.189 ug/l

RT: 5.099 min Scan# 658

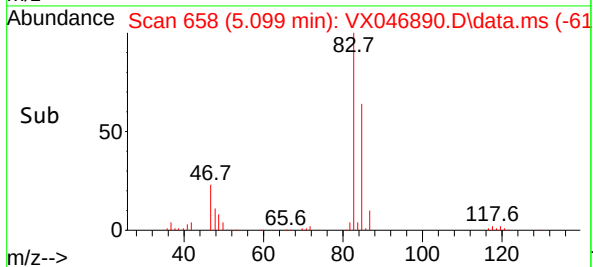
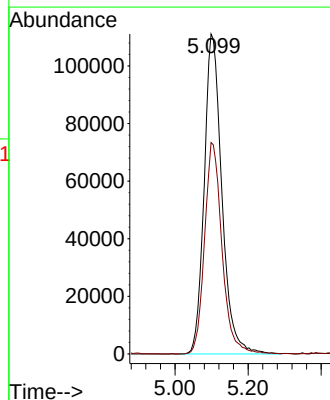
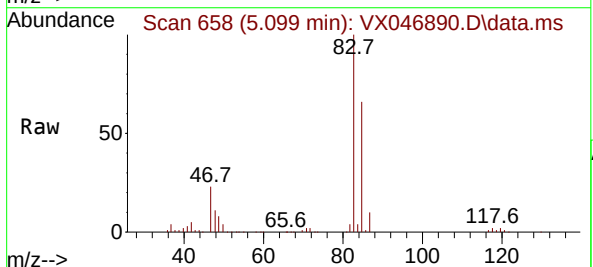
Delta R.T. -0.006 min

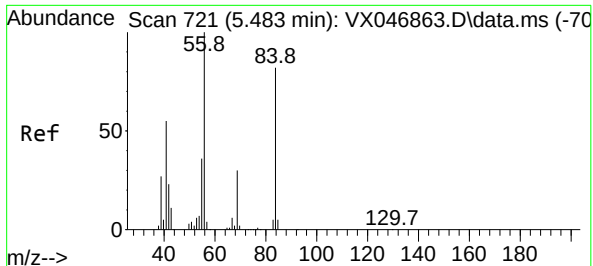
Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Tgt Ion: 83 Resp: 372535

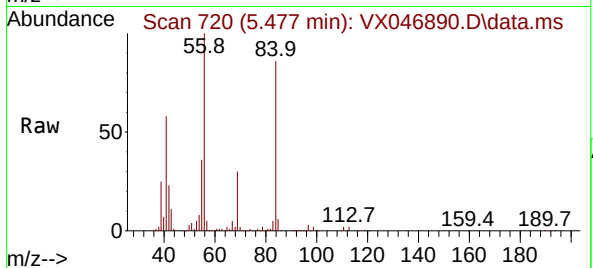
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.8	77.8





#31
Cyclohexane
Concen: 47.027 ug/l
RT: 5.477 min Scan# 710
Delta R.T. -0.006 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

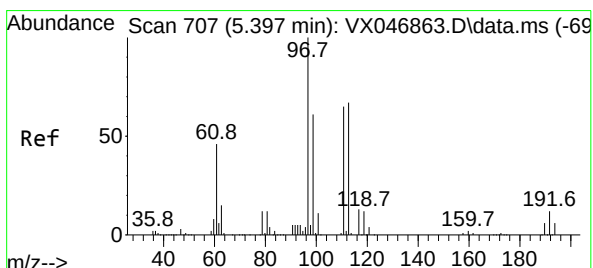
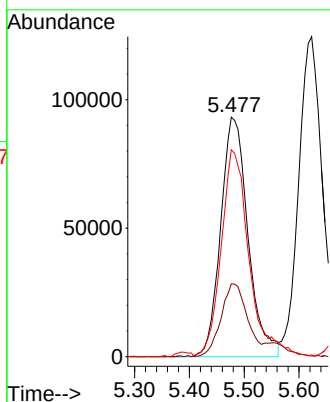
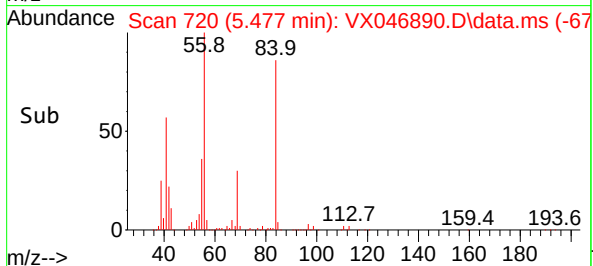
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



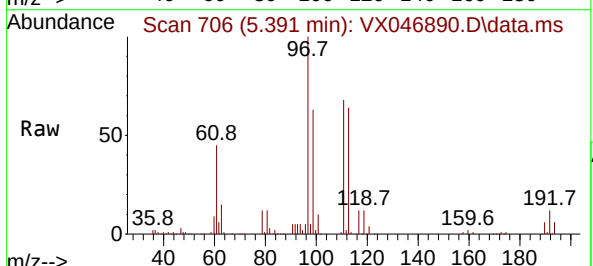
Tgt Ion: 56 Resp: 322610
Ion Ratio Lower Upper
56 100
69 30.1 24.0 36.0
84 84.9 66.5 99.7

Manual Integrations
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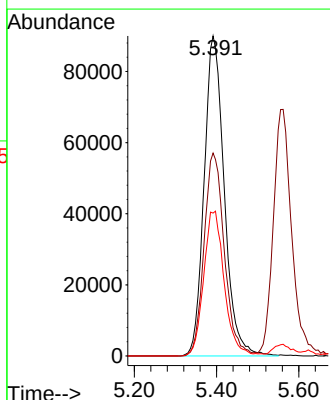
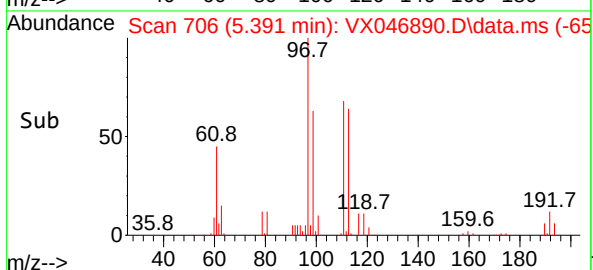
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

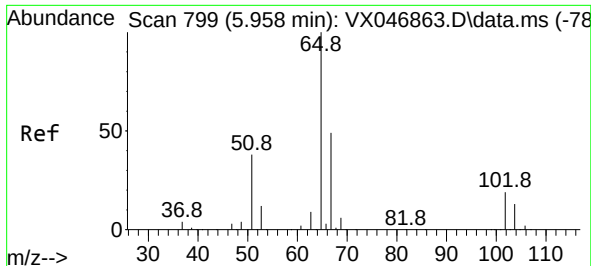


#32
1,1,1-Trichloroethane
Concen: 46.444 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03



Tgt Ion: 97 Resp: 306329
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 46.3 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 47.175 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 226400

Ion Ratio Lower Upper

65 100

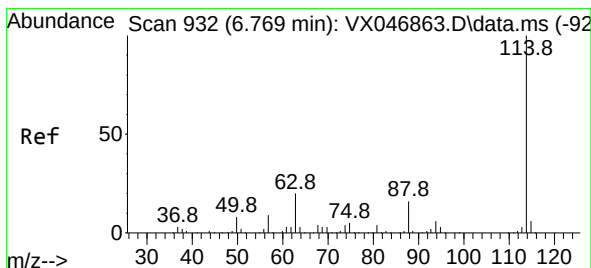
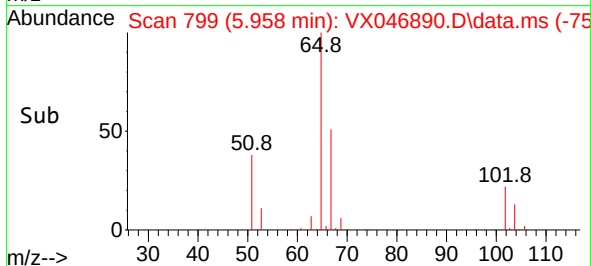
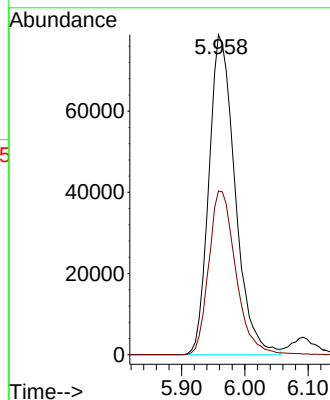
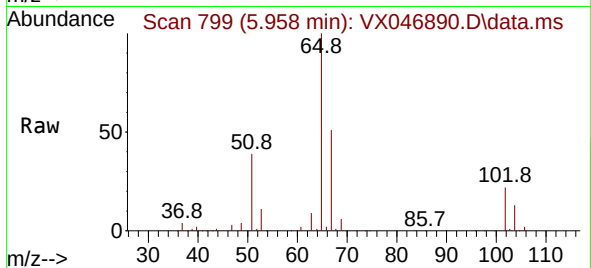
67 53.0 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

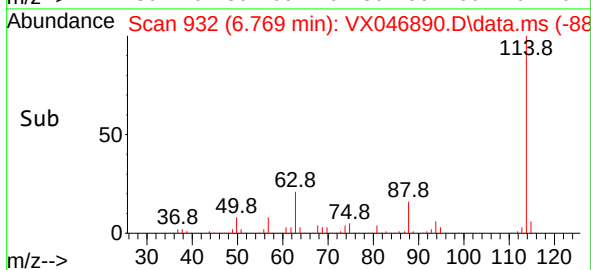
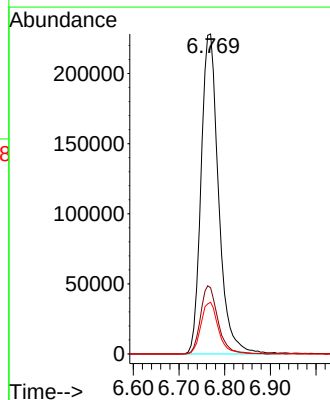
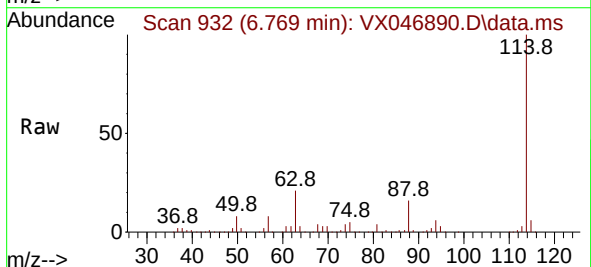
Tgt Ion:114 Resp: 606396

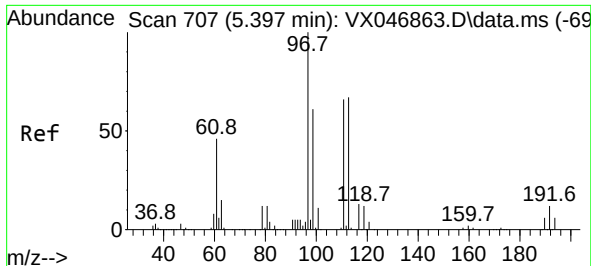
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.4

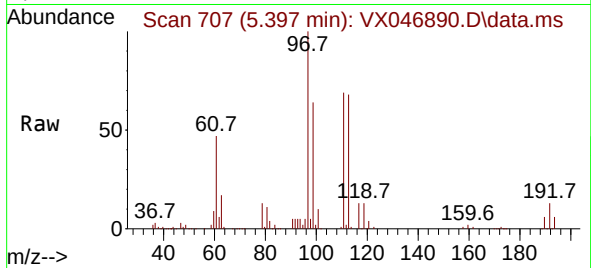
88 16.1 0.0 31.0





#35
Dibromofluoromethane
Concen: 46.335 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

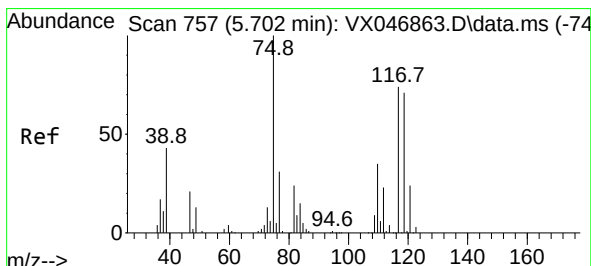
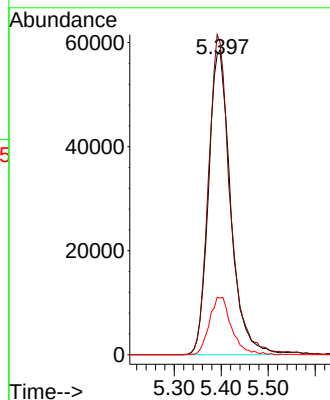
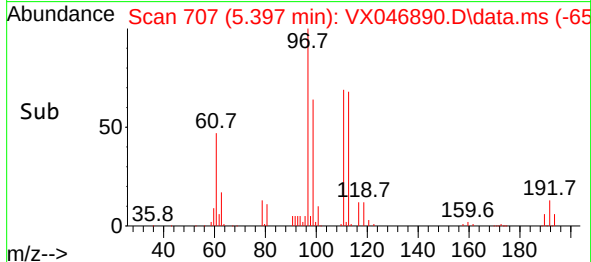
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 19072
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.0 15.3 22.9

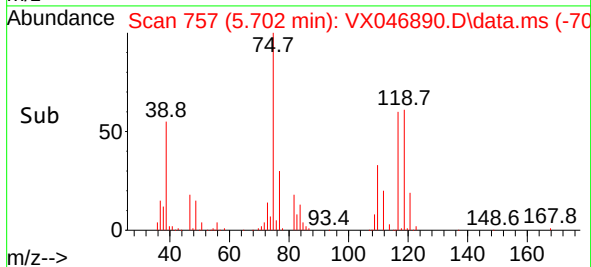
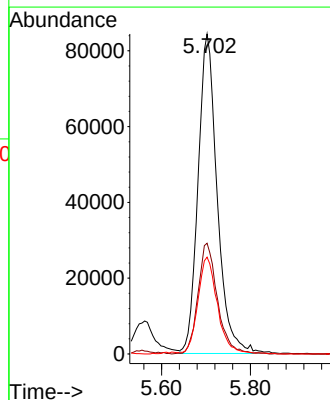
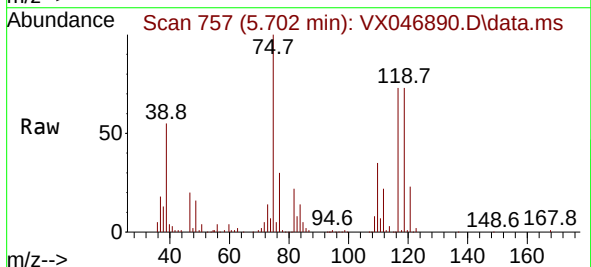
Manual Integrations
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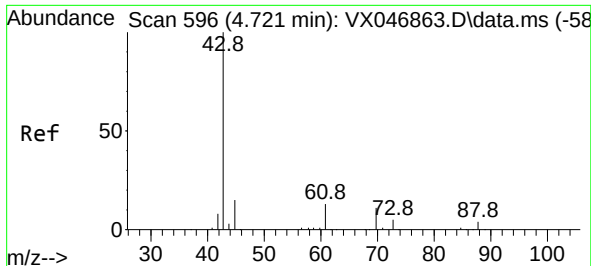
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#36
1,1-Dichloropropene
Concen: 45.574 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Tgt Ion: 75 Resp: 253104
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.9
77 30.2 24.2 36.4





#37

Ethyl Acetate

Concen: 46.559 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 220234

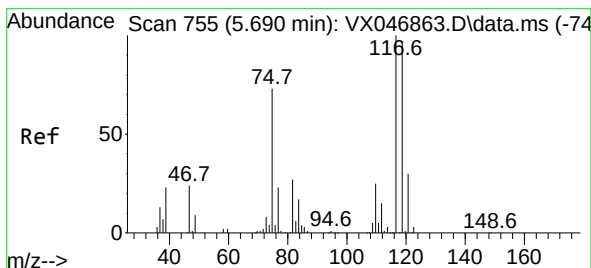
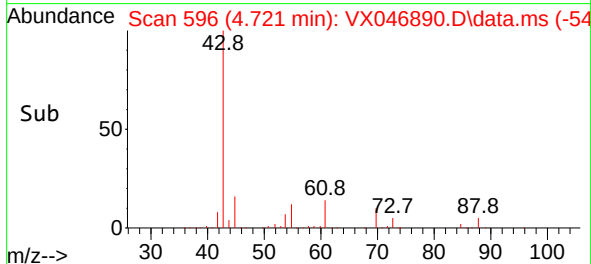
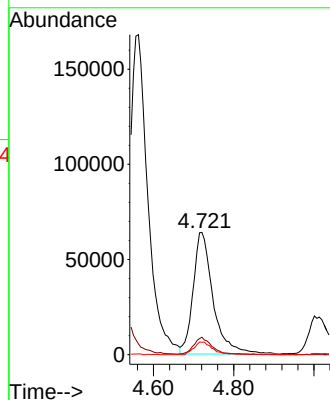
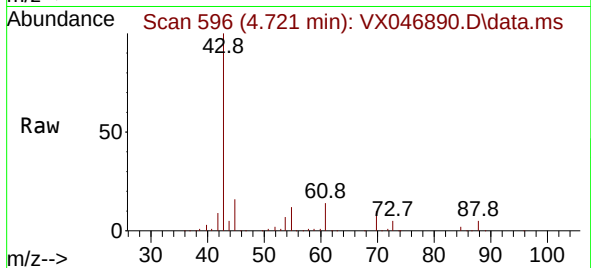
Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.7	14.5
70	9.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#38

Carbon Tetrachloride

Concen: 45.943 ug/l

RT: 5.690 min Scan# 755

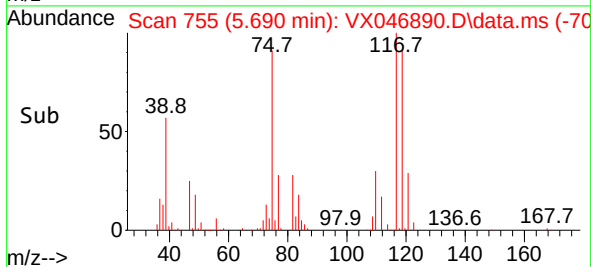
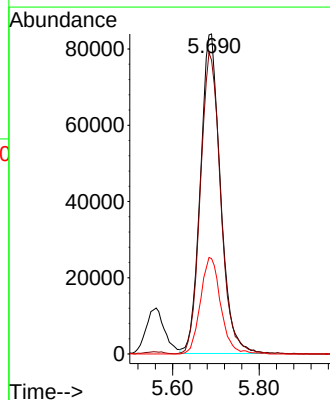
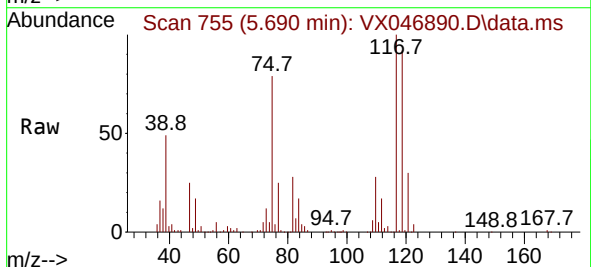
Delta R.T. -0.000 min

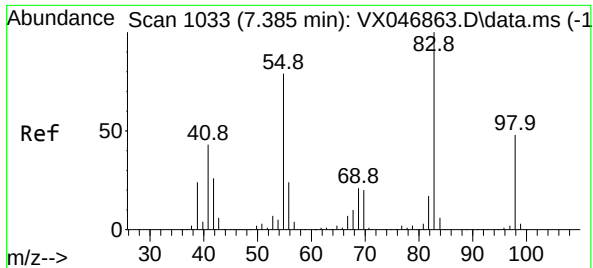
Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Tgt Ion:117 Resp: 269751

Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.6	114.8
121	29.9	24.1	36.1





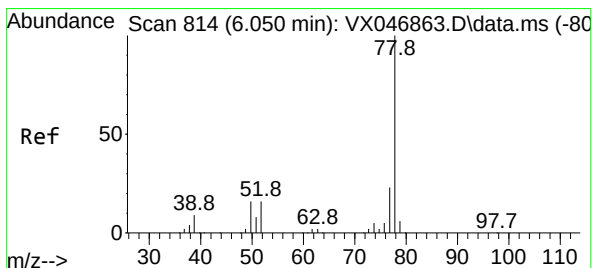
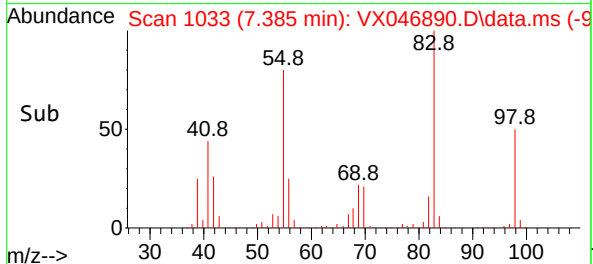
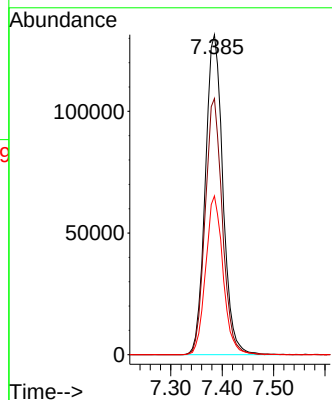
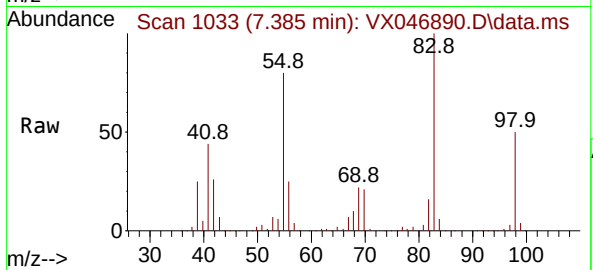
#39
Methylcyclohexane
Concen: 44.997 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 31260
Ion Ratio Lower Upper
83 100
55 80.0 63.0 94.4
98 49.6 38.5 57.7

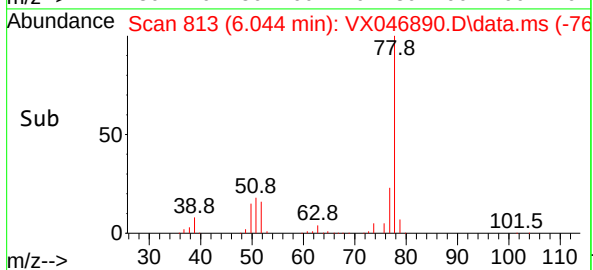
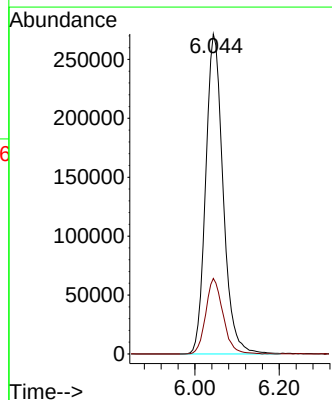
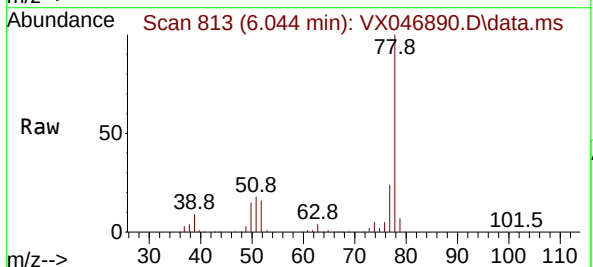
Manual Integrations
APPROVED

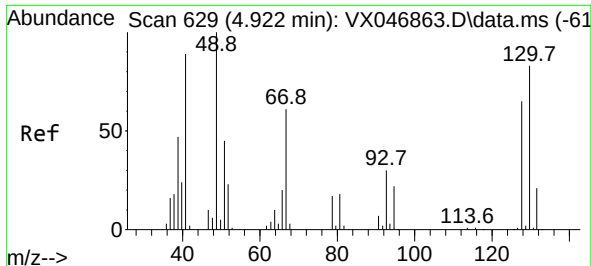
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#40
Benzene
Concen: 46.405 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Tgt Ion: 78 Resp: 779514
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1





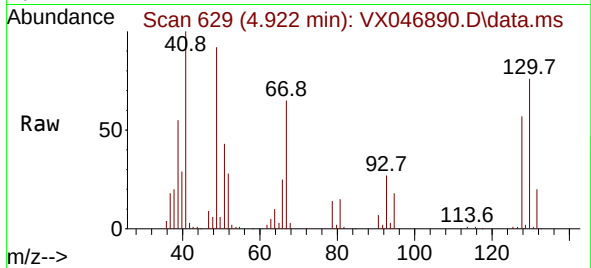
#41
Methacrylonitrile
Concen: 51.698 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



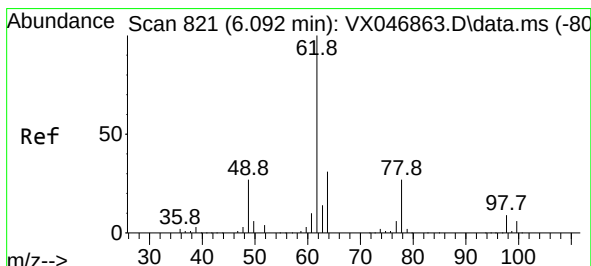
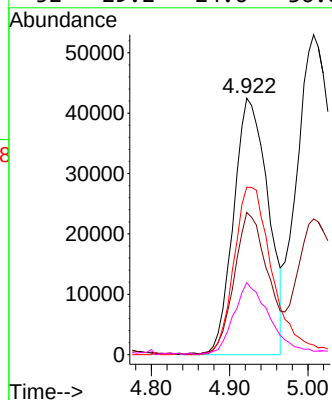
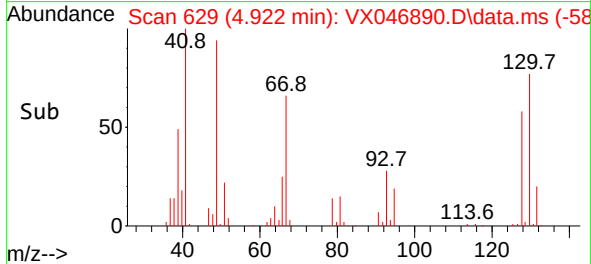
Tgt Ion: 41 Resp: 130449
Ion Ratio Lower Upper
41 100
39 54.9 43.0 64.4
67 73.4 60.2 90.2
52 29.2 24.6 36.8

Manual Integrations

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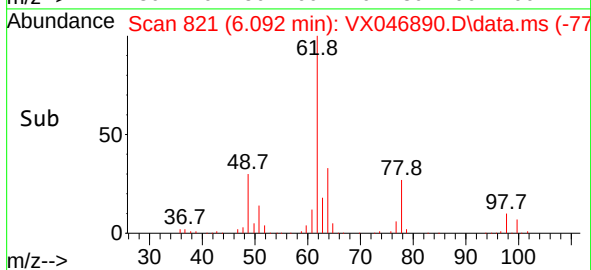
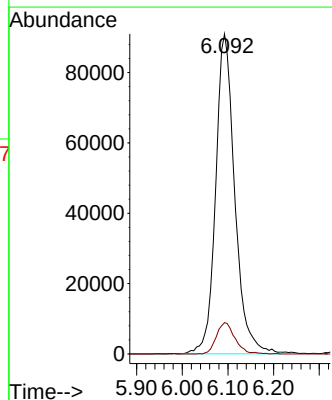
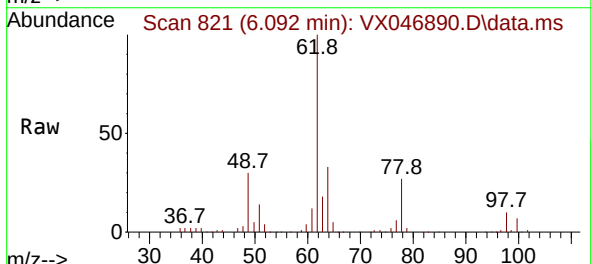
Reviewed By :John Carlone 07/07/2025

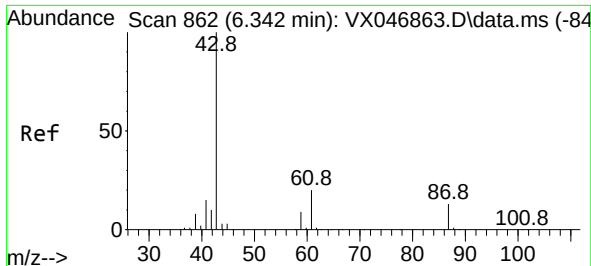
Supervised By :Mahesh Dadoda 07/07/2025



#42
1,2-Dichloroethane
Concen: 46.353 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

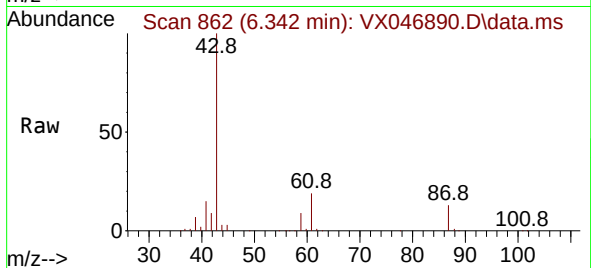
Tgt Ion: 62 Resp: 264399
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 50.348 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

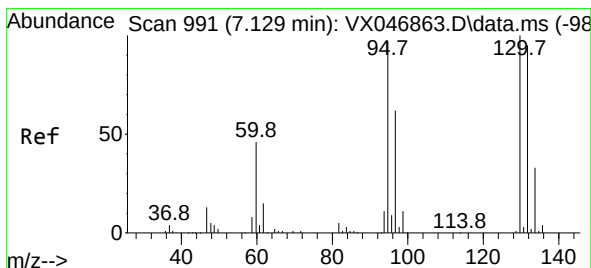
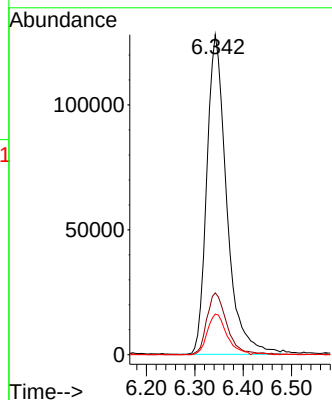
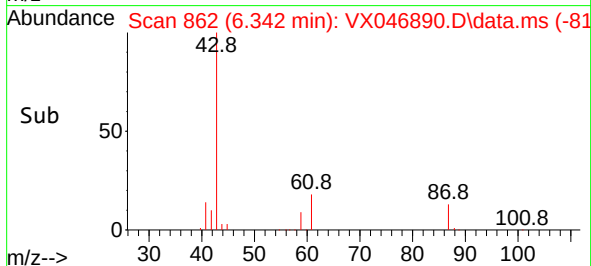
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 364779
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5
87 12.5 10.1 15.1

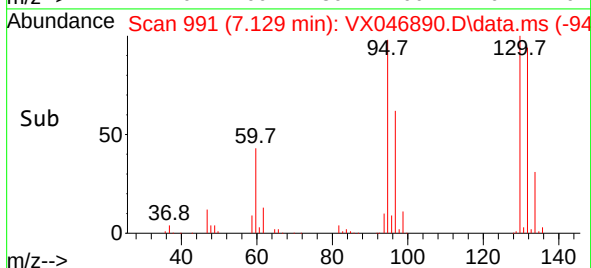
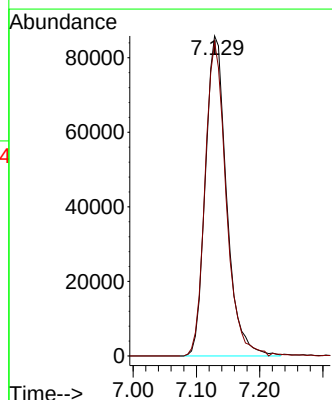
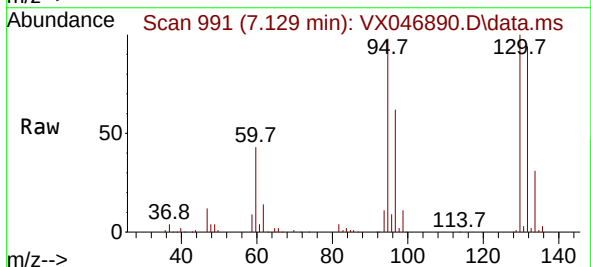
Manual Integrations
APPROVED

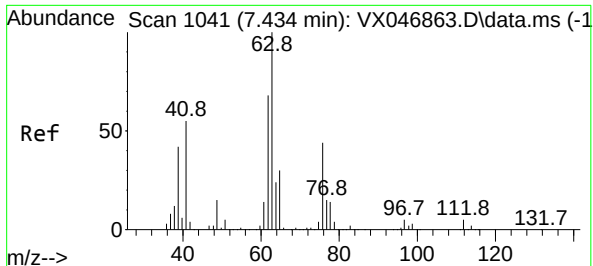
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#44
Trichloroethene
Concen: 45.744 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Tgt Ion:130 Resp: 200025
Ion Ratio Lower Upper
130 100
95 98.1 0.0 194.2





#45

1,2-Dichloropropane

Concen: 46.633 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 197912

Ion Ratio Lower Upper

63 100

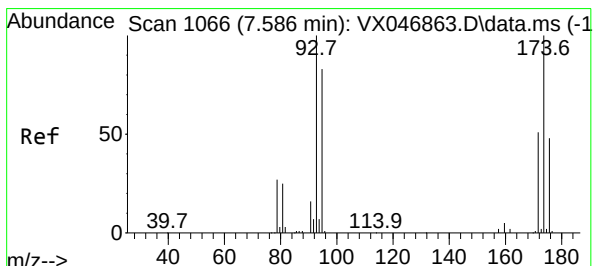
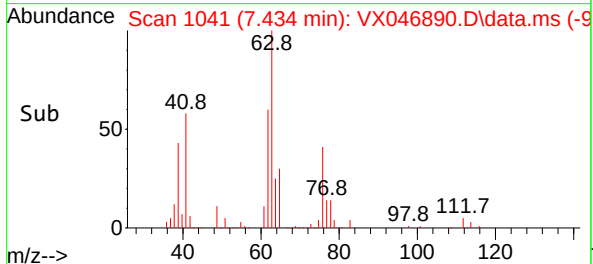
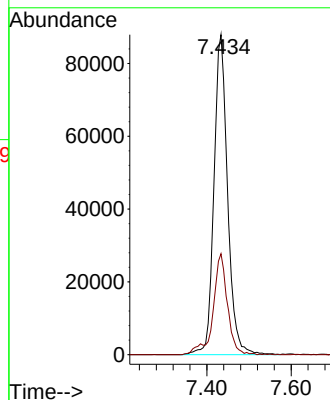
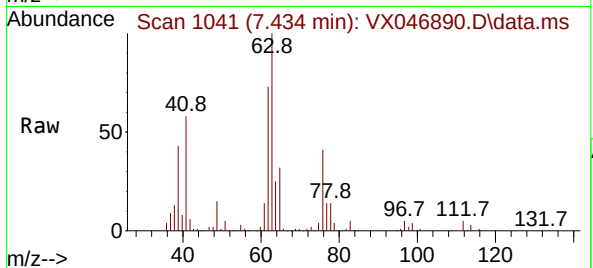
65 31.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#46

Dibromomethane

Concen: 46.930 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

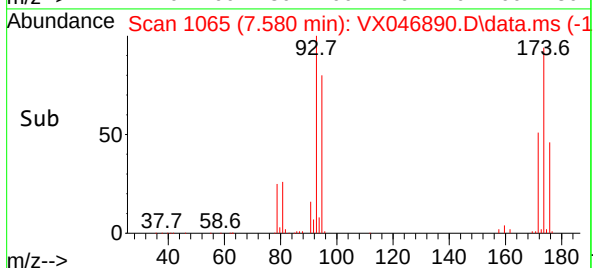
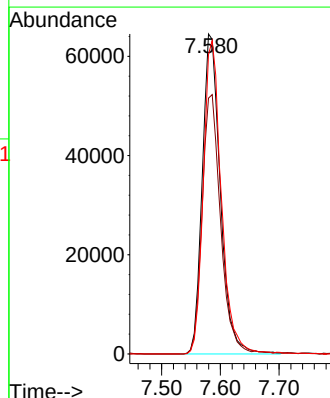
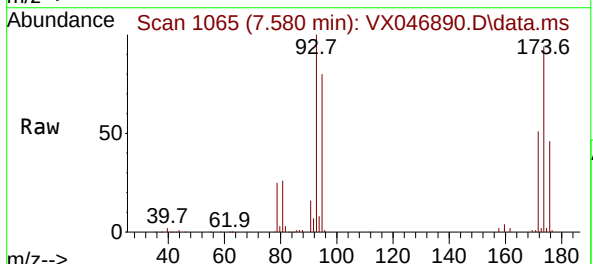
Tgt Ion: 93 Resp: 137999

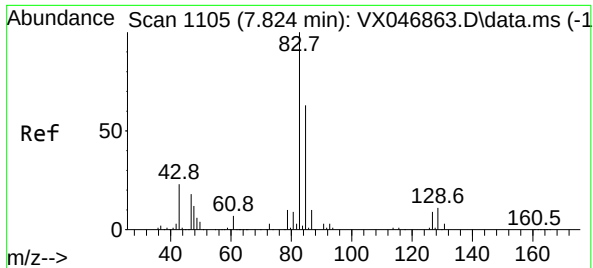
Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

174 97.5 77.4 116.2





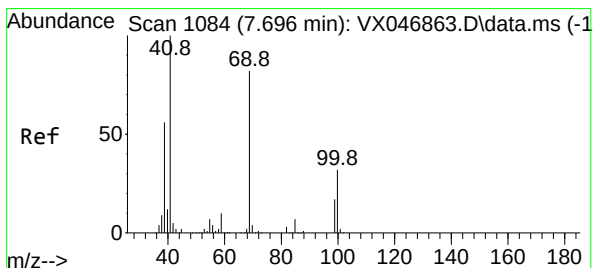
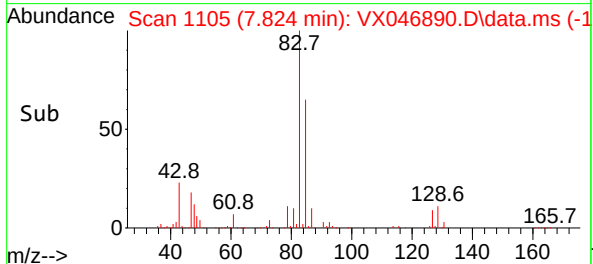
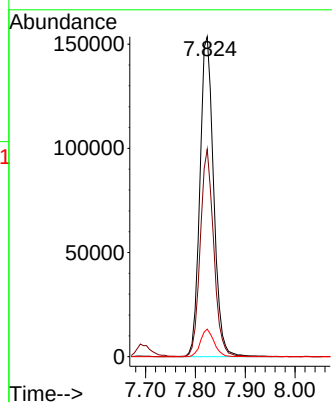
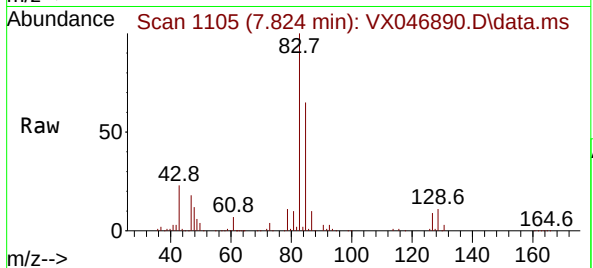
#47
Bromodichloromethane
Concen: 46.722 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 29335
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 8.6 7.1 10.7

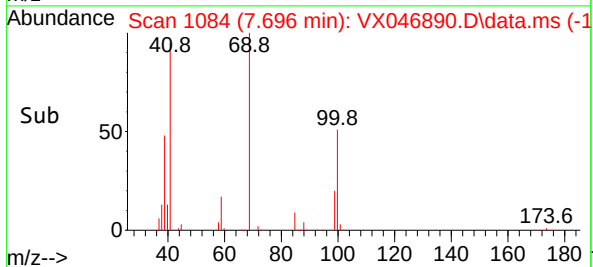
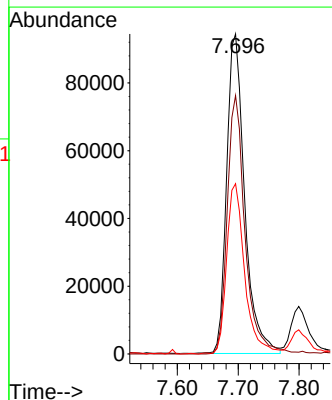
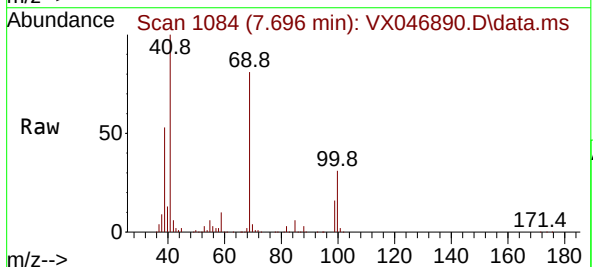
Manual Integrations
APPROVED

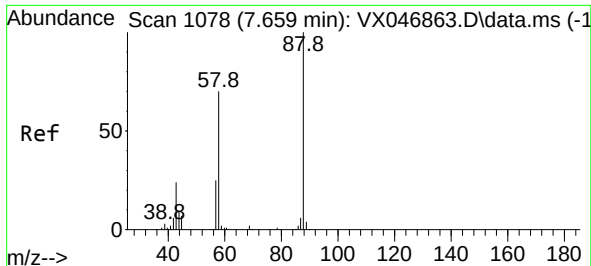
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#48
Methyl methacrylate
Concen: 51.704 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

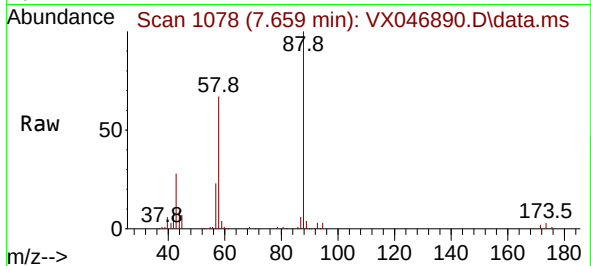
Tgt Ion: 41 Resp: 193426
Ion Ratio Lower Upper
41 100
69 79.9 65.8 98.8
39 53.6 43.8 65.6





#49
1,4-Dioxane
Concen: 1021.451 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

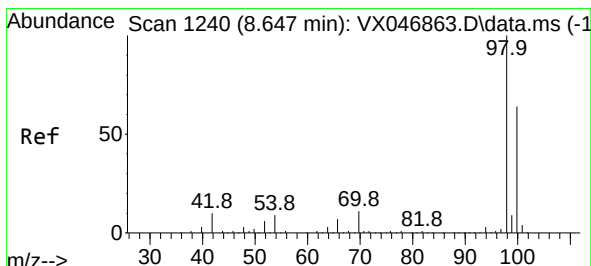
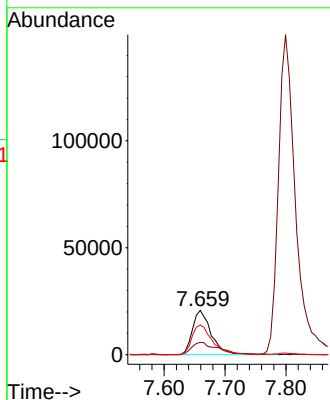
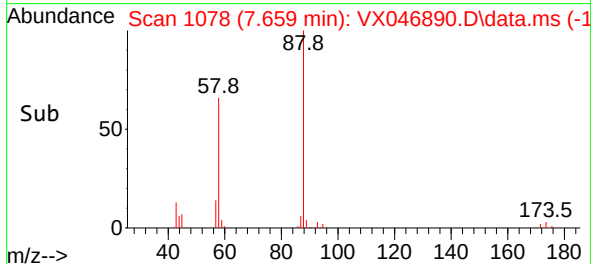
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 4427
Ion Ratio Lower Upper
88 100
43 39.5 31.7 47.5
58 72.8 57.5 86.3

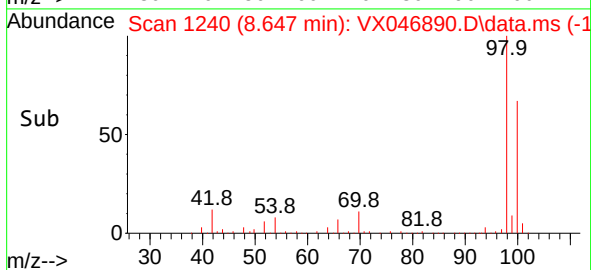
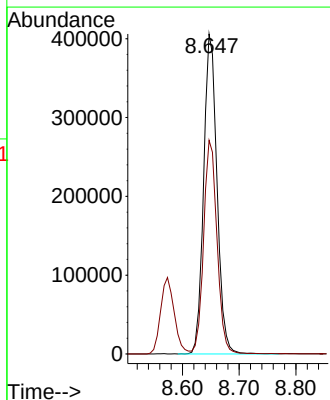
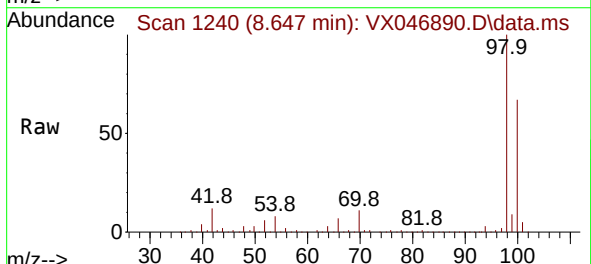
Manual Integrations
APPROVED

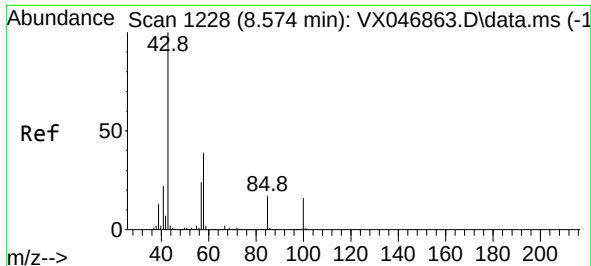
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#50
Toluene-d8
Concen: 45.718 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

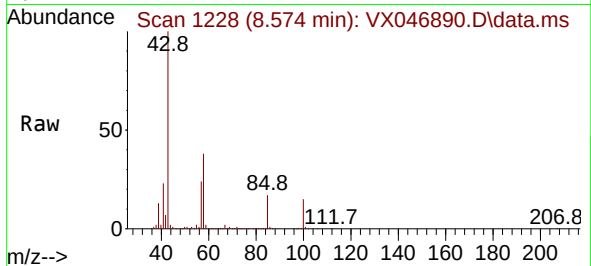
Tgt Ion: 98 Resp: 663956
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 255.655 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

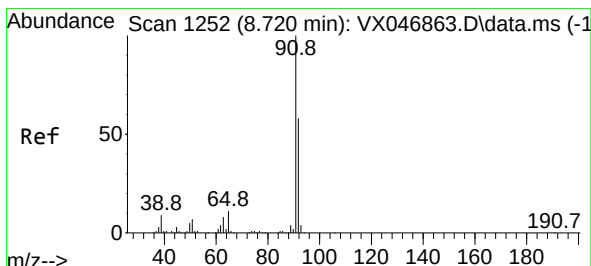
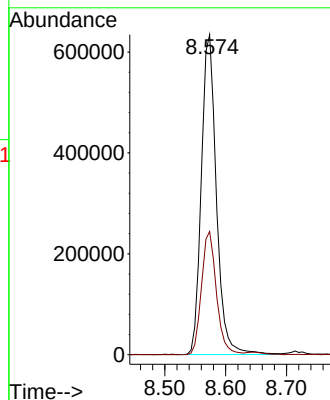
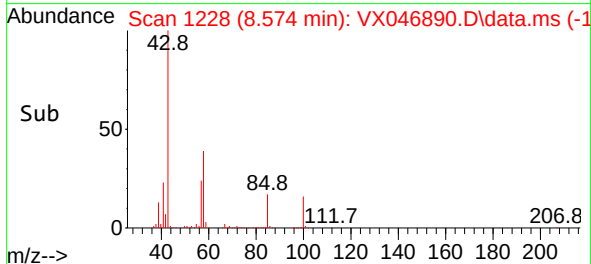
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 109315
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

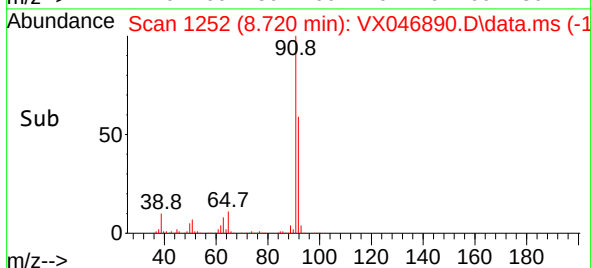
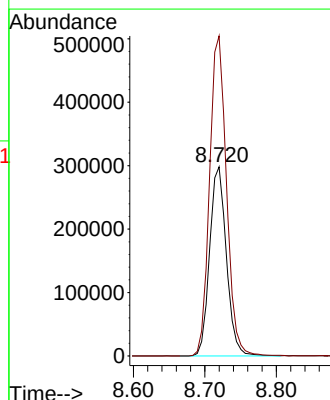
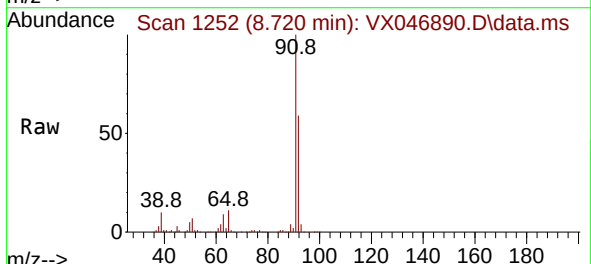
Manual Integrations
APPROVED

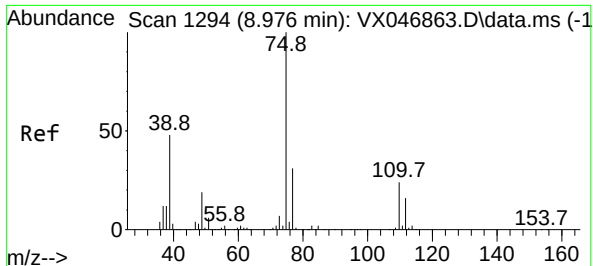
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#52
Toluene
Concen: 46.645 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

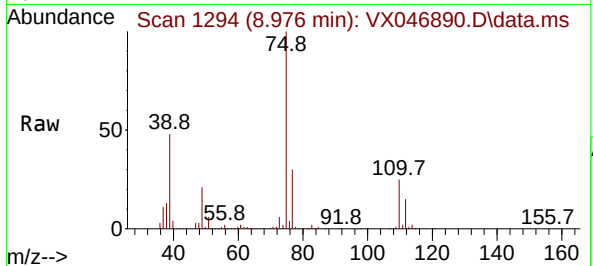
Tgt Ion: 92 Resp: 485542
Ion Ratio Lower Upper
92 100
91 170.9 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 47.597 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

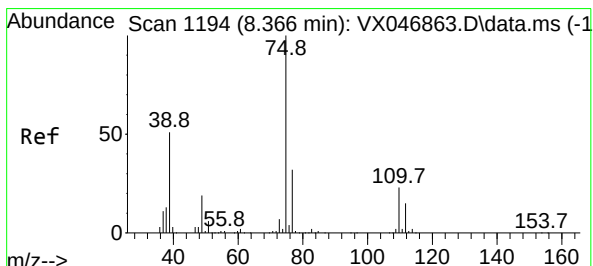
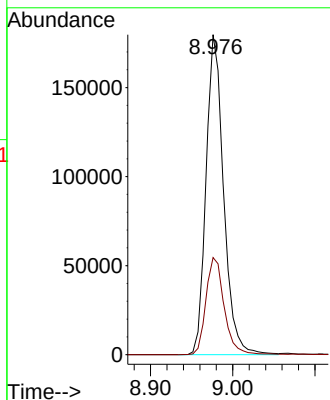
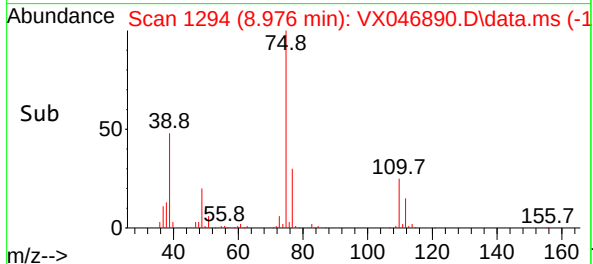
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 266708
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.6

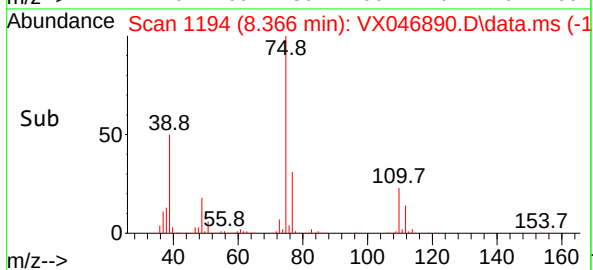
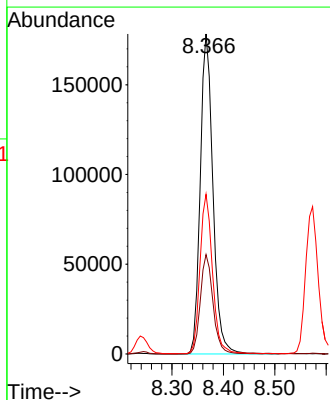
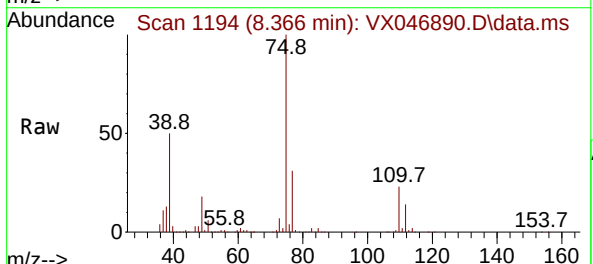
Manual Integrations
APPROVED

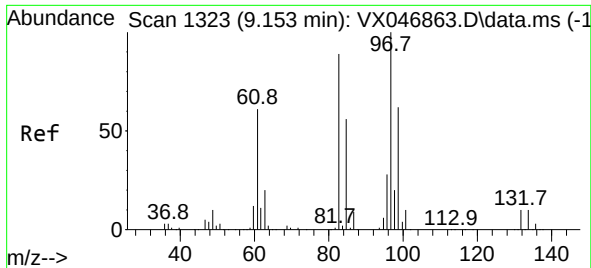
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#54
cis-1,3-Dichloropropene
Concen: 47.657 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

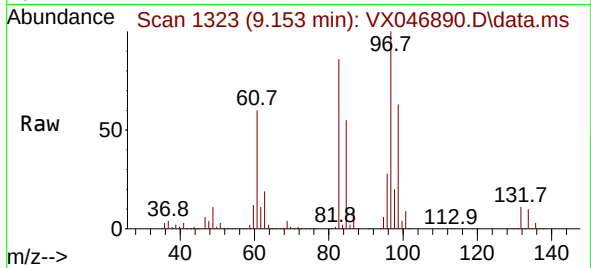
Tgt Ion: 75 Resp: 304814
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2
39 49.1 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 47.109 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

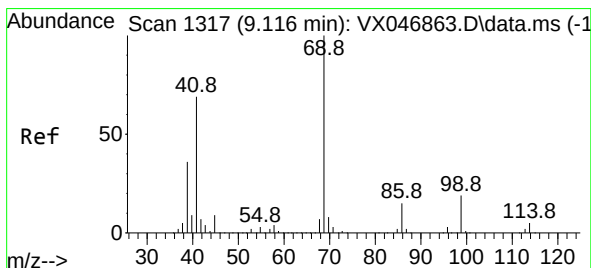
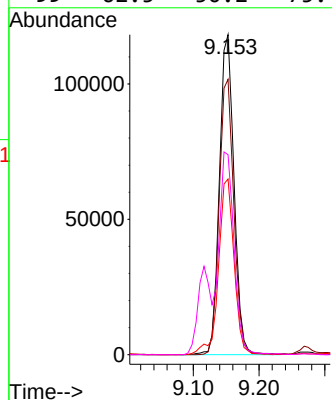
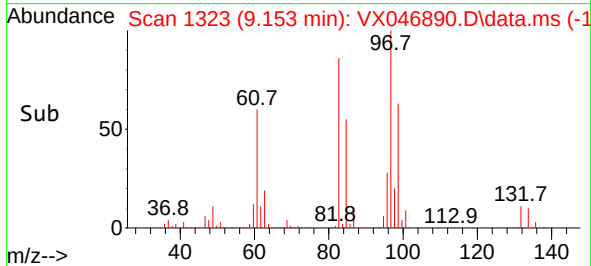
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



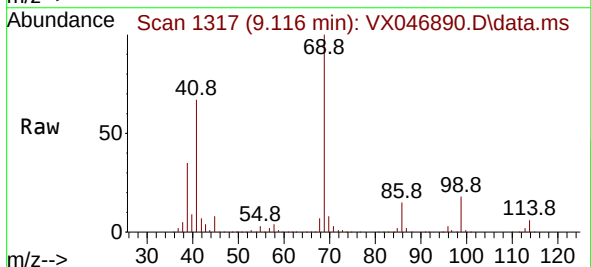
Tgt Ion: 97 Resp: 182650
Ion Ratio Lower Upper
97 100
83 86.0 70.9 106.3
85 54.8 44.6 67.0
99 62.5 50.2 75.4

Manual Integrations
APPROVED

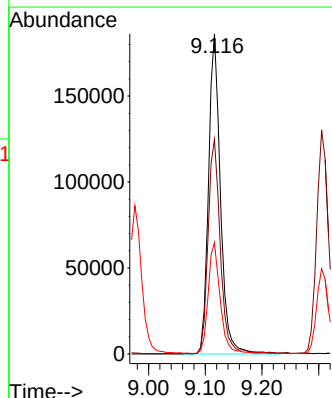
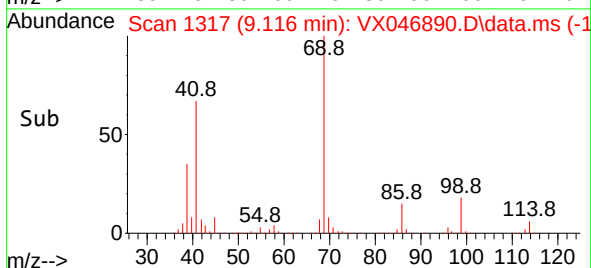
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

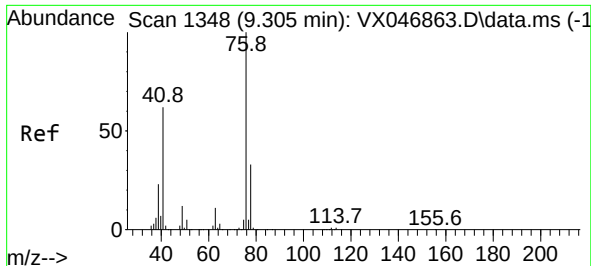


#56
Ethyl methacrylate
Concen: 50.933 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03



Tgt Ion: 69 Resp: 273320
Ion Ratio Lower Upper
69 100
41 68.9 54.6 82.0
39 34.6 28.7 43.1





#57

1,3-Dichloropropane

Concen: 47.738 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 318700

Ion Ratio Lower Upper

76 100

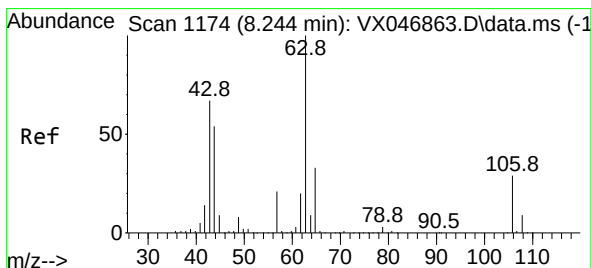
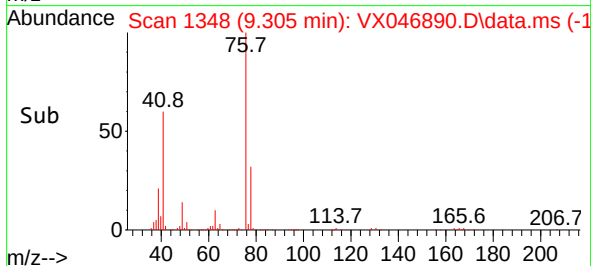
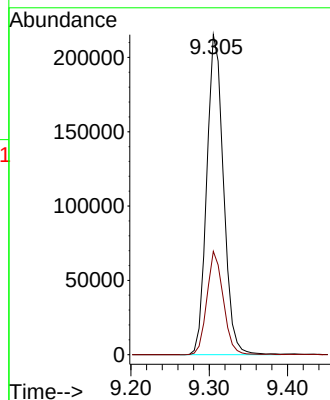
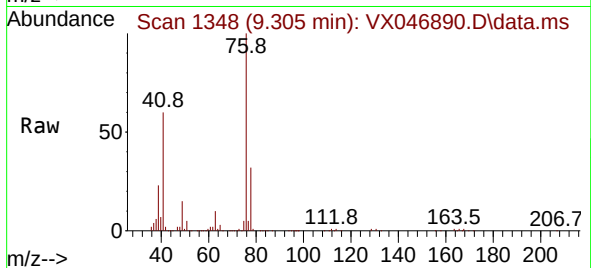
78 31.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#58

2-Chloroethyl Vinyl ether

Concen: 254.517 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046890.D

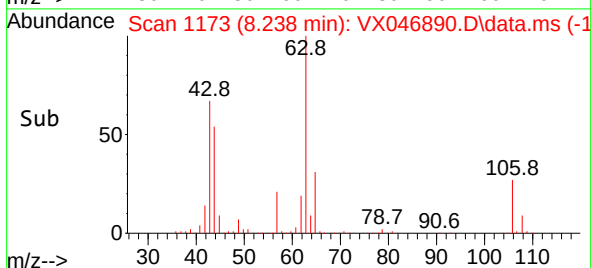
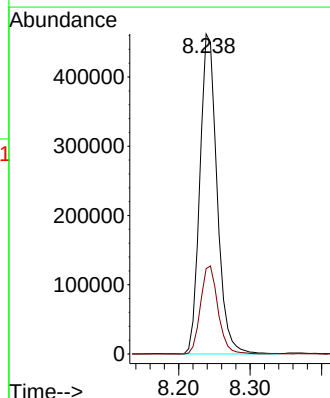
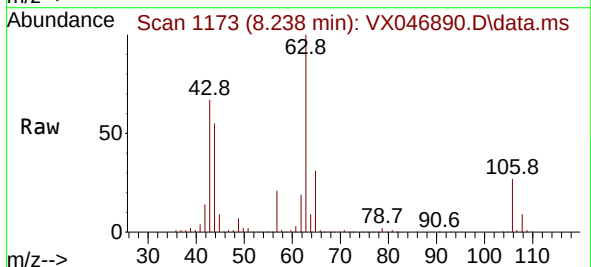
Acq: 03 Jul 2025 16:03

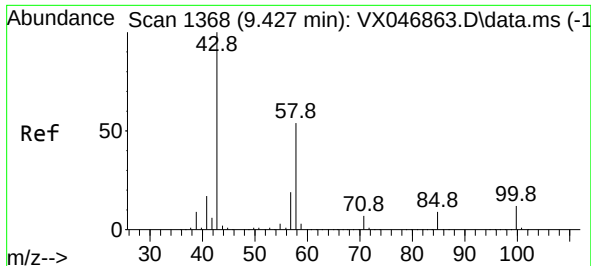
Tgt Ion: 63 Resp: 769570

Ion Ratio Lower Upper

63 100

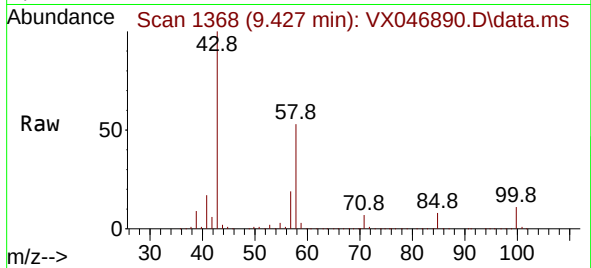
106 27.9 22.6 33.8





#59
2-Hexanone
Concen: 261.271 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

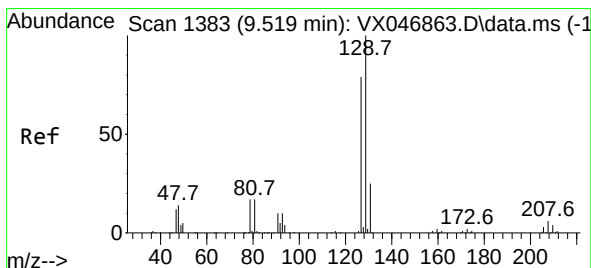
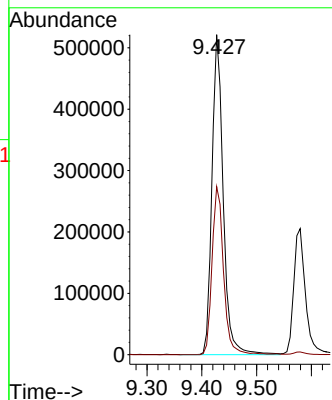
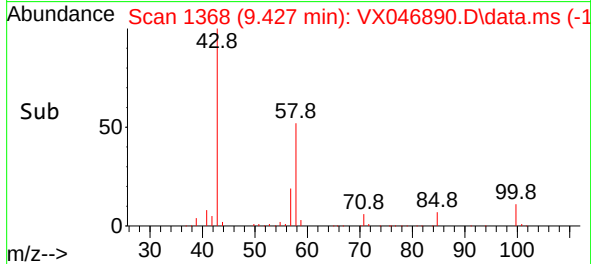
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 741020
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.3

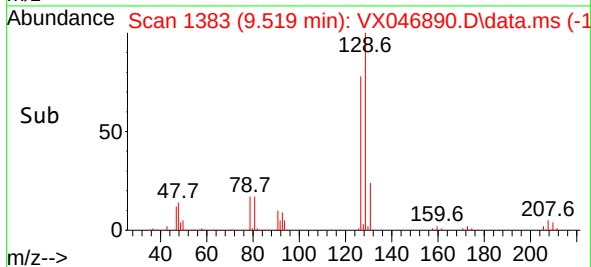
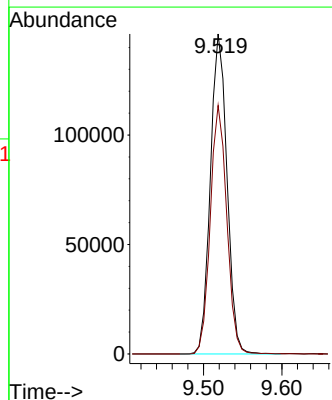
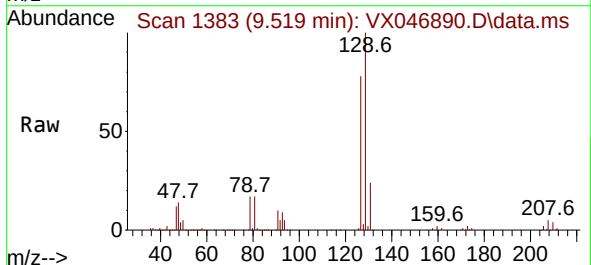
Manual Integrations
APPROVED

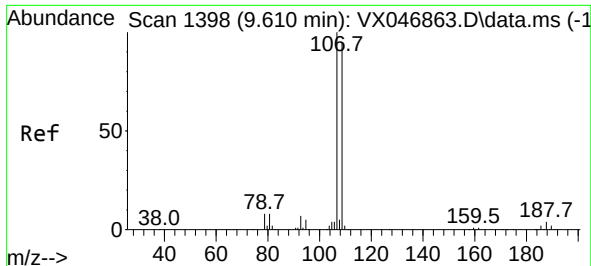
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#60
Dibromochloromethane
Concen: 46.393 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

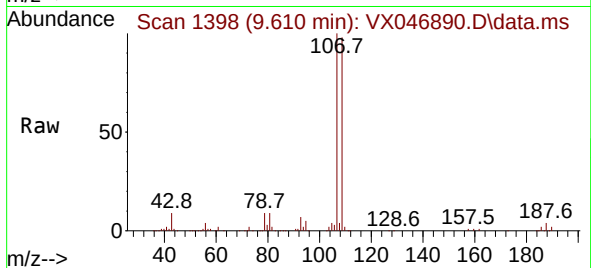
Tgt Ion:129 Resp: 215262
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.5





#61
1,2-Dibromoethane
Concen: 46.862 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

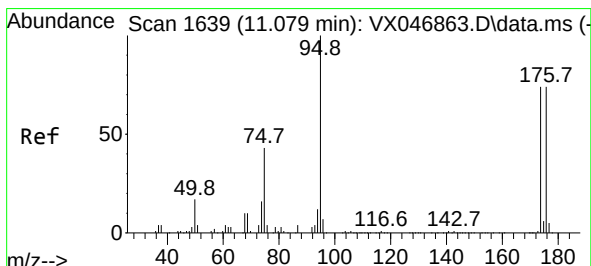
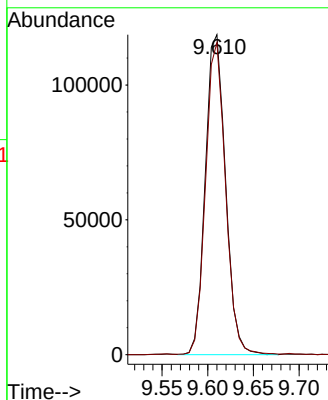
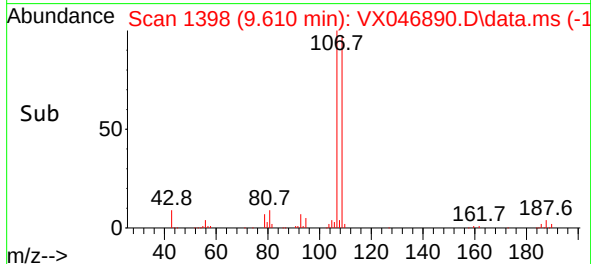
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



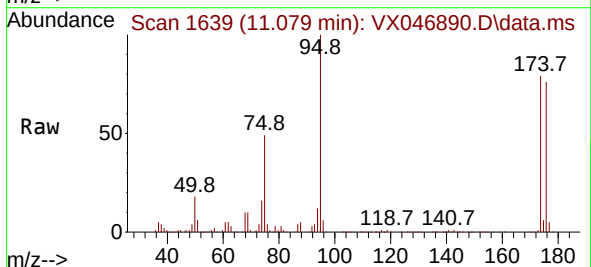
Tgt Ion:107 Resp: 182474
Ion Ratio Lower Upper
107 100
109 95.6 75.4 113.2

Manual Integrations
APPROVED

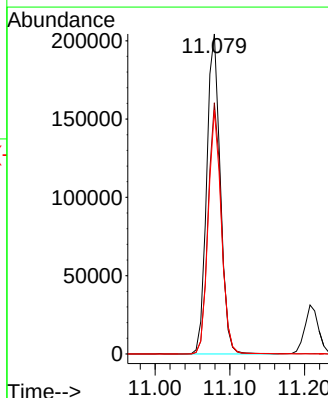
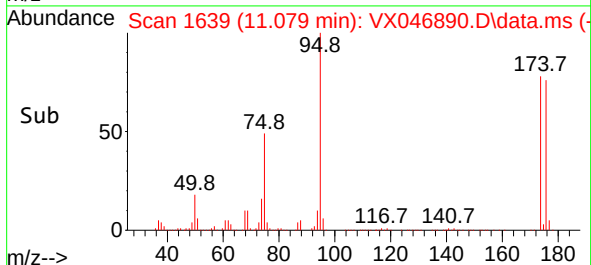
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

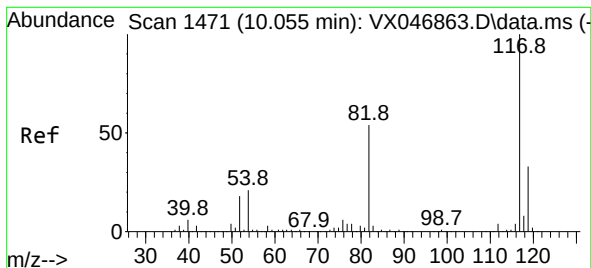


#62
4-Bromofluorobenzene
Concen: 46.749 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03



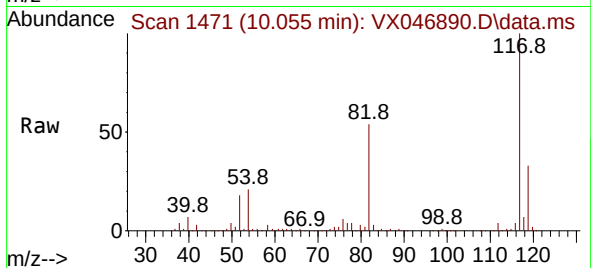
Tgt Ion: 95 Resp: 258032
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.0
176 73.6 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

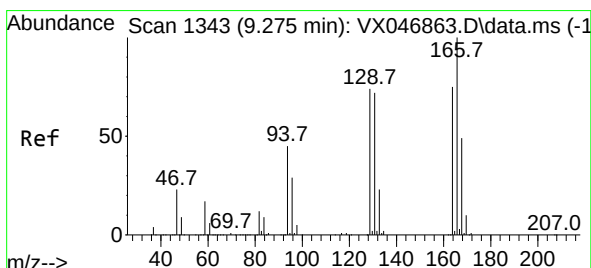
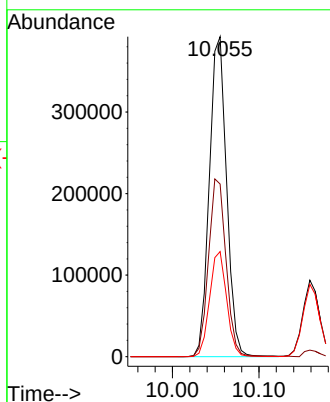
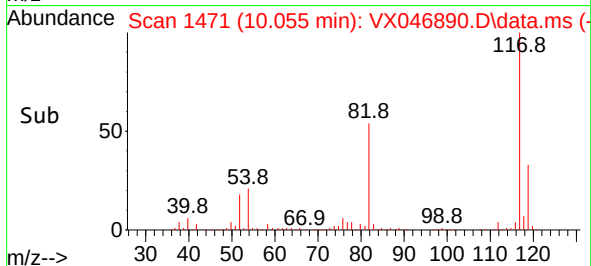
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 543059
Ion Ratio Lower Upper
117 100
82 53.9 43.3 64.9
119 32.8 26.4 39.6

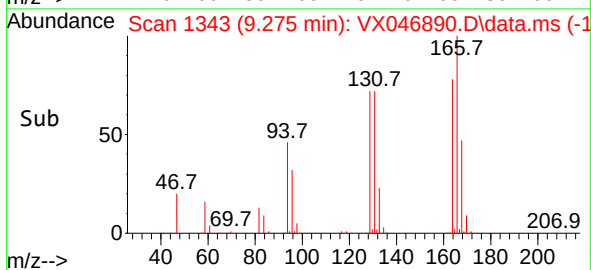
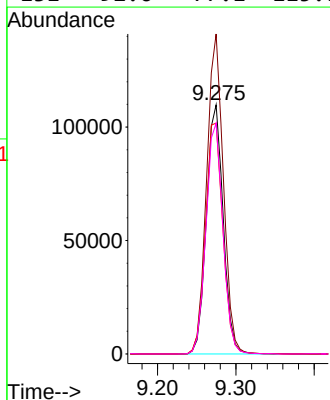
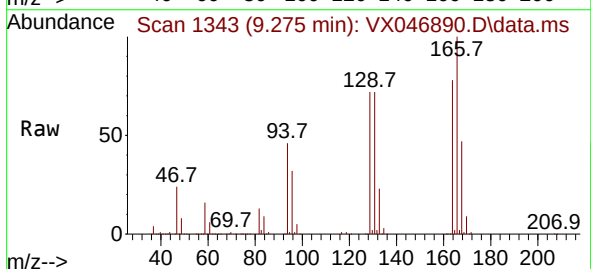
Manual Integrations
APPROVED

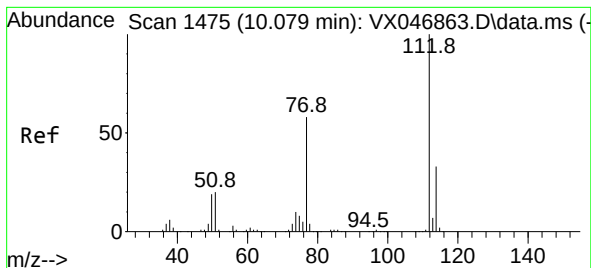
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#64
Tetrachloroethene
Concen: 45.092 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Tgt Ion:164 Resp: 163038
Ion Ratio Lower Upper
164 100
166 128.5 107.0 160.6
129 92.7 79.7 119.5
131 92.6 77.1 115.7





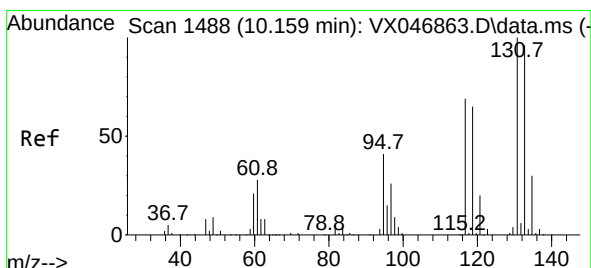
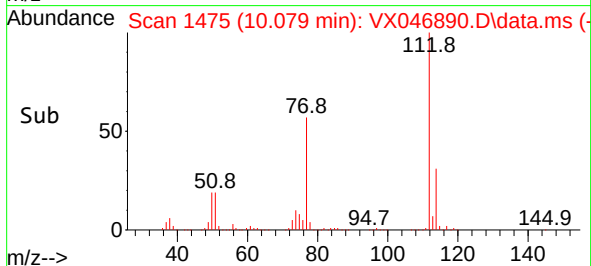
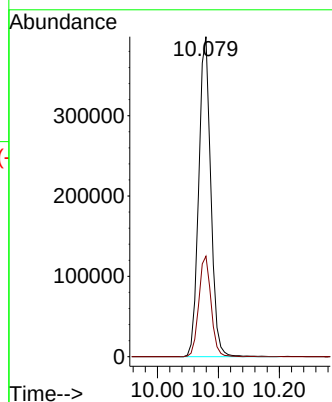
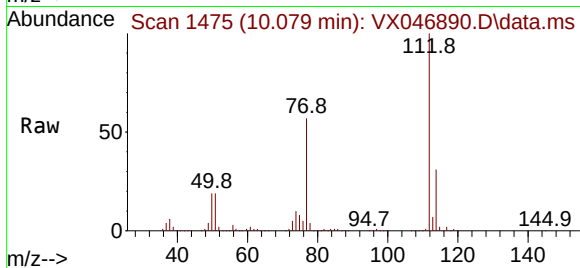
#65
Chlorobenzene
Concen: 46.551 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 54655
Ion Ratio Lower Upper
112 100
114 31.4 26.3 39.5

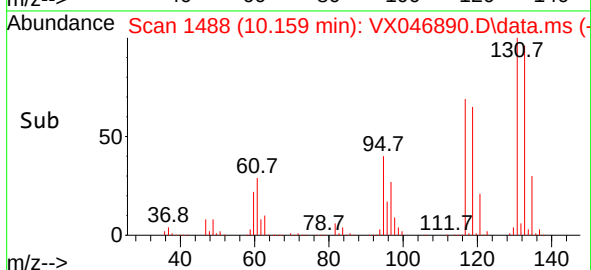
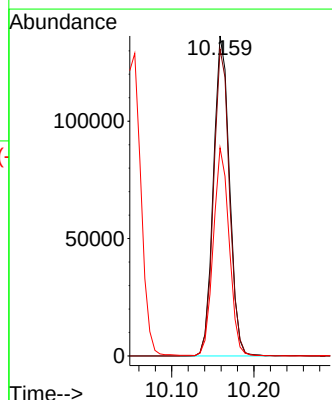
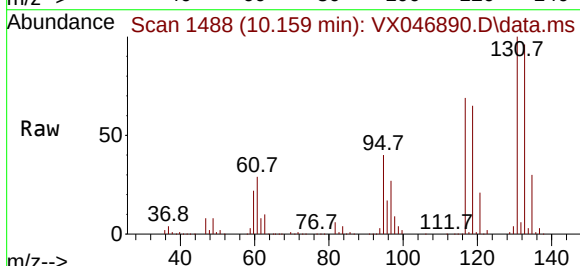
Manual Integrations
APPROVED

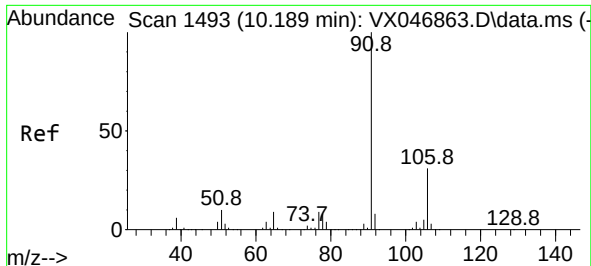
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 46.832 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

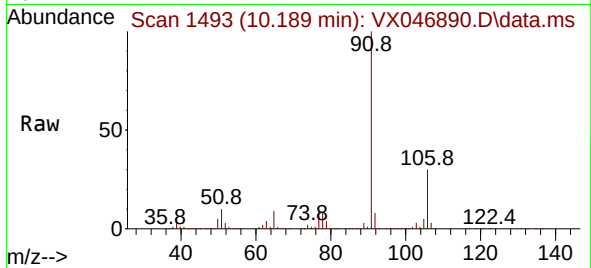
Tgt Ion:131 Resp: 184845
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 64.4 32.4 97.2





#67
Ethyl Benzene
Concen: 47.023 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

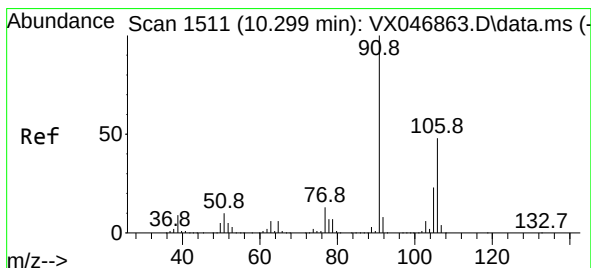
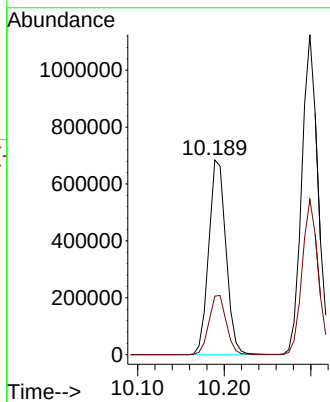
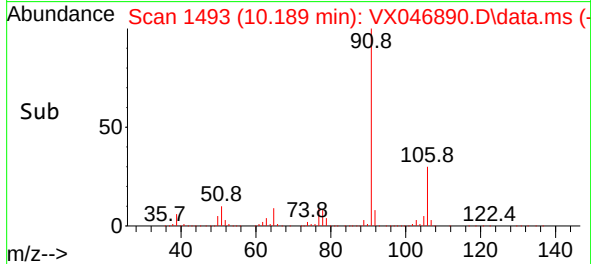
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



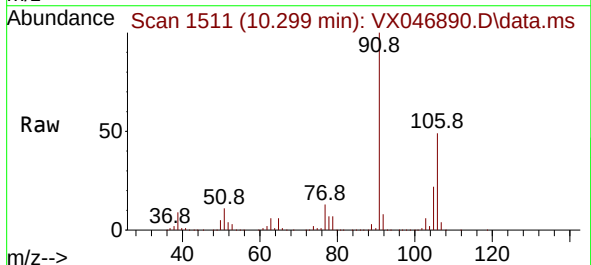
Tgt Ion: 91 Resp: 945504
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

Manual Integrations
APPROVED

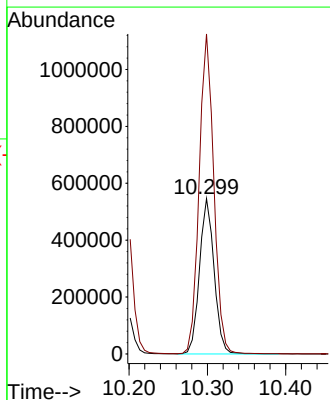
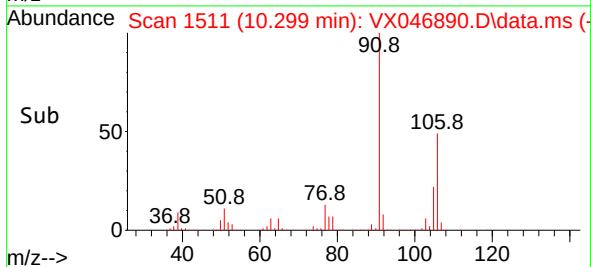
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

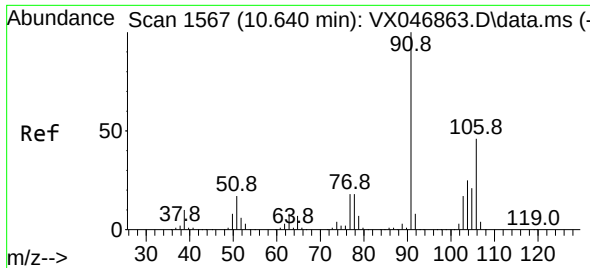


#68
m/p-Xylenes
Concen: 93.270 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03



Tgt Ion:106 Resp: 706680
Ion Ratio Lower Upper
106 100
91 207.4 164.6 246.8





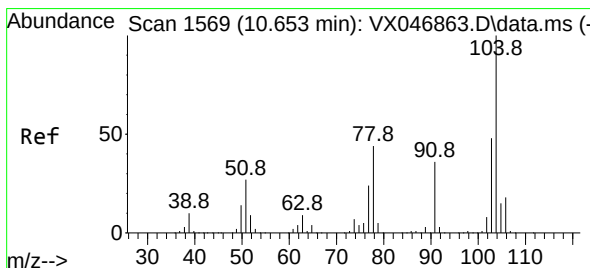
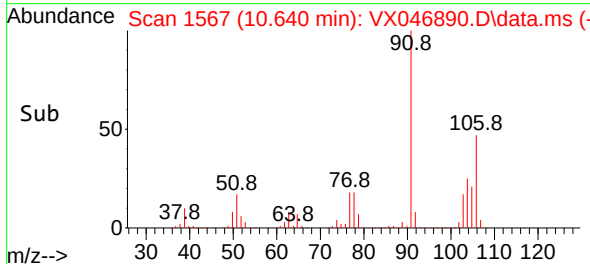
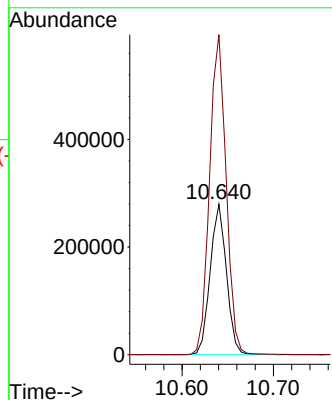
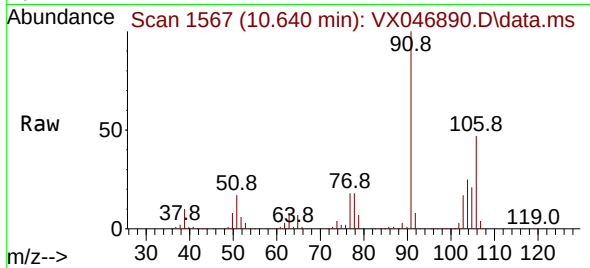
#69
o-Xylene
Concen: 47.331 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 346409
Ion Ratio Lower Upper
106 100
91 216.2 109.5 328.5

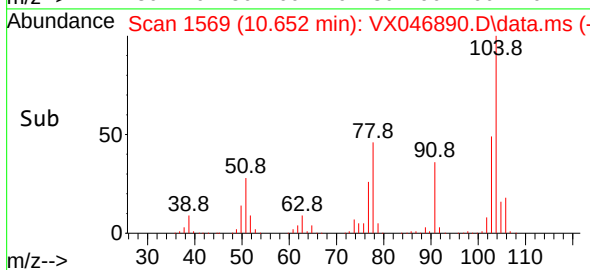
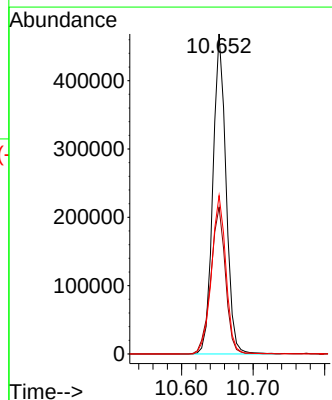
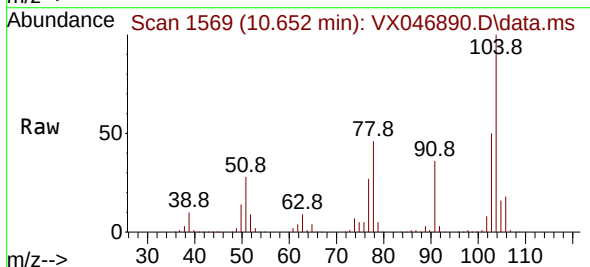
Manual Integrations
APPROVED

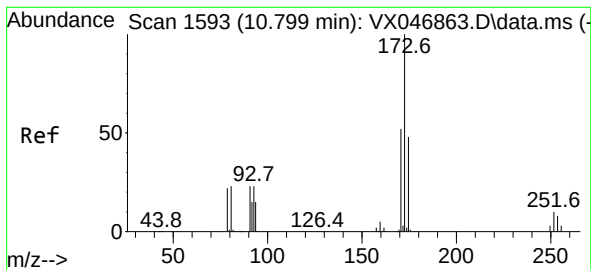
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#70
Styrene
Concen: 47.666 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

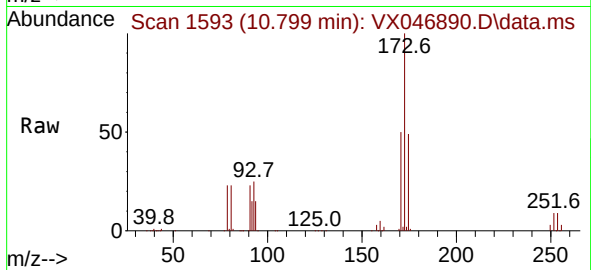
Tgt Ion:104 Resp: 596861
Ion Ratio Lower Upper
104 100
78 51.2 40.3 60.5
103 54.3 42.8 64.2





#71
Bromoform
Concen: 46.256 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

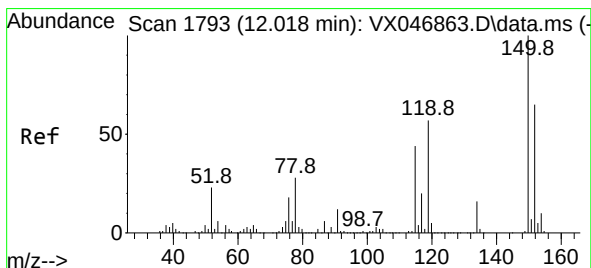
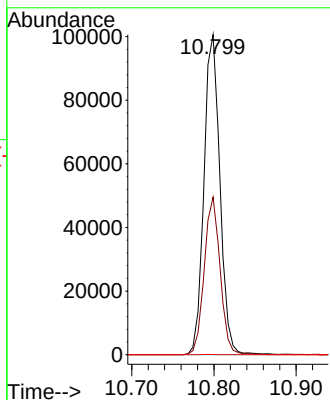
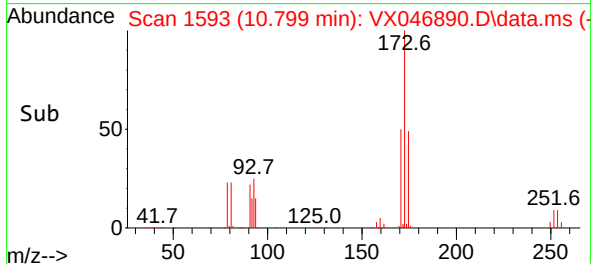
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 135750
Ion Ratio Lower Upper
173 100
175 48.9 23.8 71.5
254 0.1 0.1 0.1

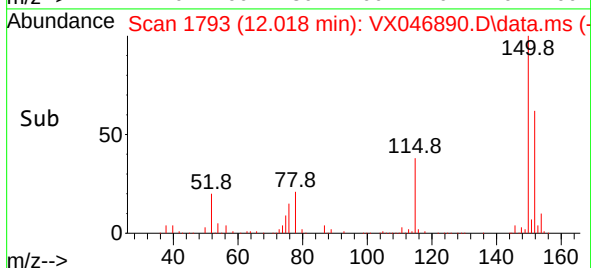
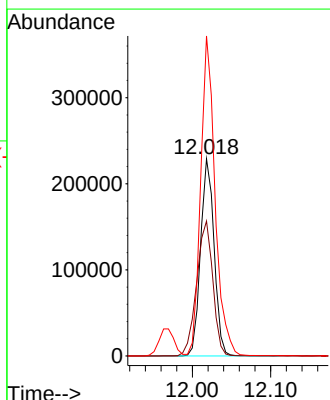
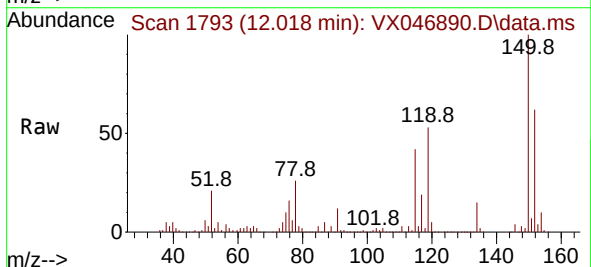
Manual Integrations
APPROVED

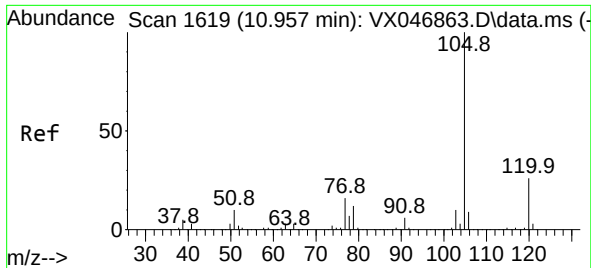
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Tgt Ion:152 Resp: 274785
Ion Ratio Lower Upper
152 100
115 81.9 42.4 127.1
150 172.5 0.0 349.2





#73
Isopropylbenzene
Concen: 46.928 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

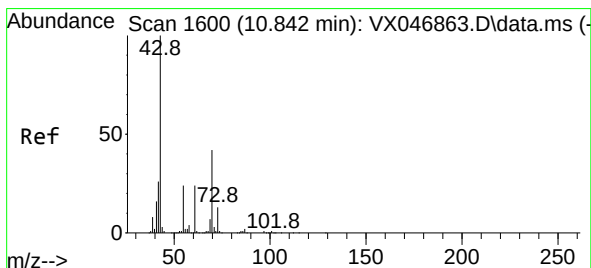
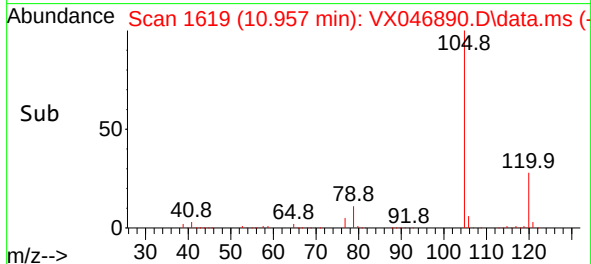
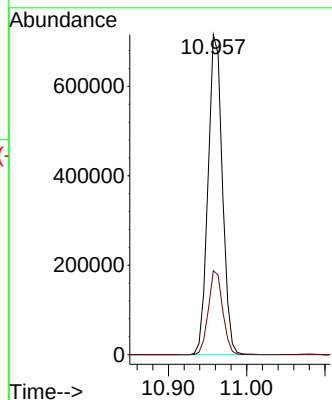
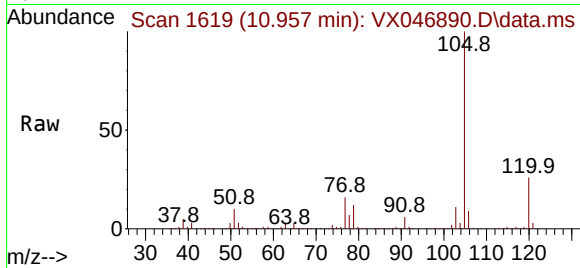
Tgt Ion:105 Resp: 906494
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations

APPROVED

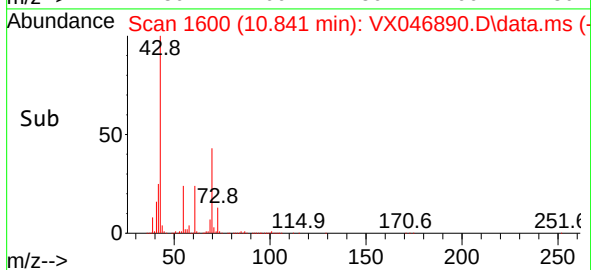
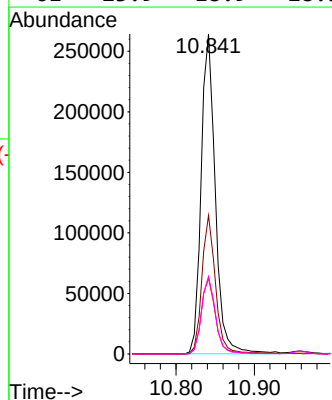
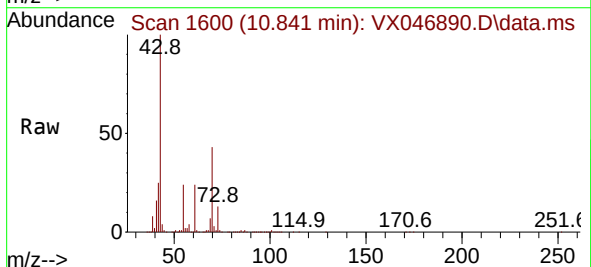
Reviewed By :John Carlone 07/07/2025

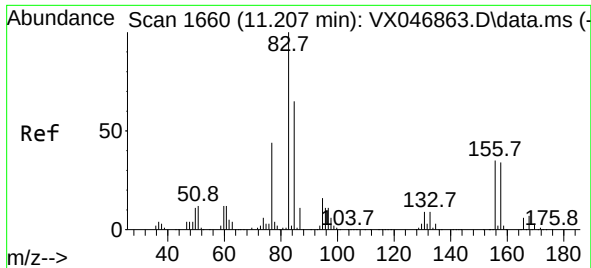
Supervised By :Mahesh Dadoda 07/07/2025



#74
N-ethyl acetate
Concen: 50.681 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

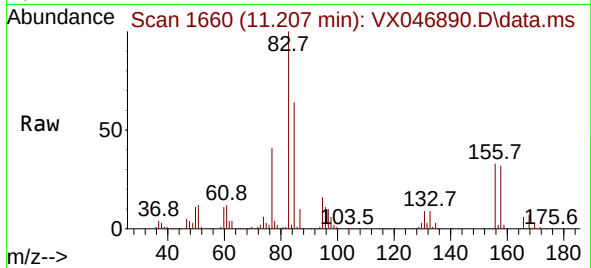
Tgt Ion: 43 Resp: 332668
Ion Ratio Lower Upper
43 100
70 42.1 33.4 50.2
55 23.9 19.6 29.4
61 23.9 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 47.799 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

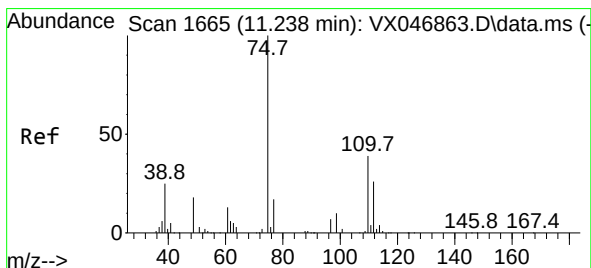
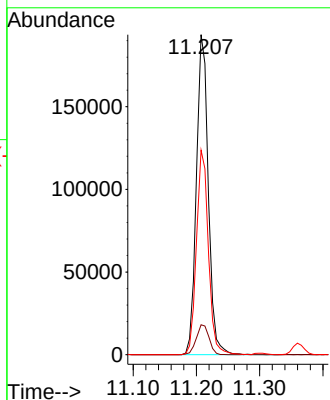
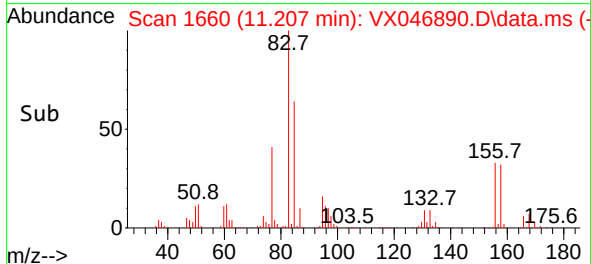
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 25388
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.0 32.1 96.5

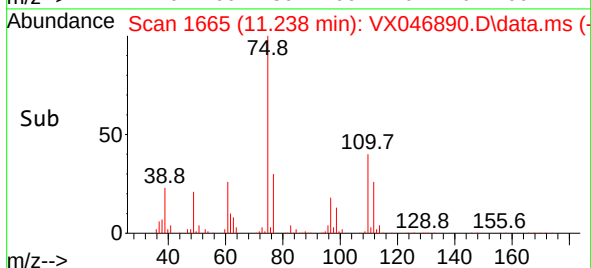
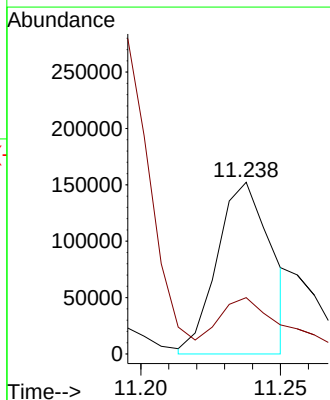
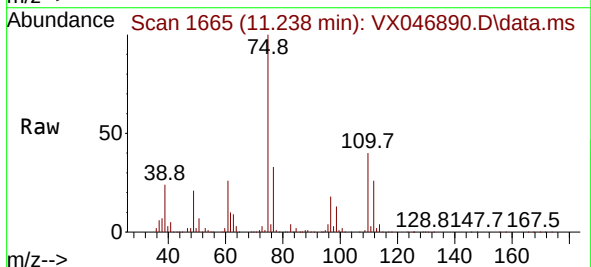
Manual Integrations
APPROVED

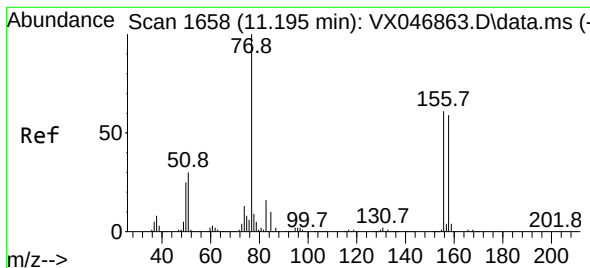
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#76
1,2,3-Trichloropropane
Concen: 48.346 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

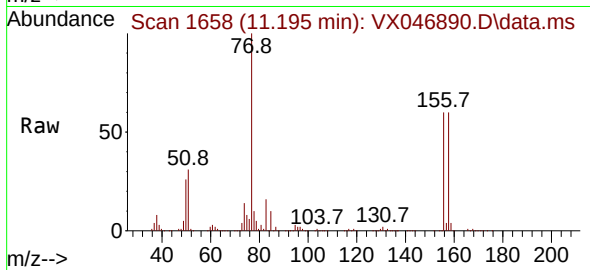
Tgt Ion: 75 Resp: 205268
Ion Ratio Lower Upper
75 100
77 41.6 20.6 61.8





#77
Bromobenzene
Concen: 46.070 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

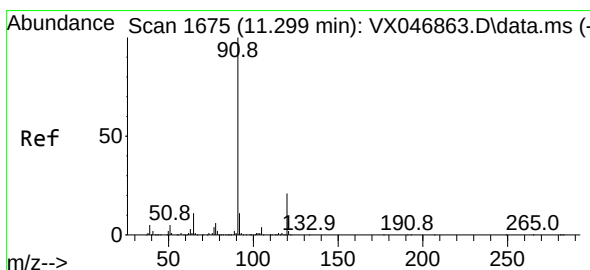
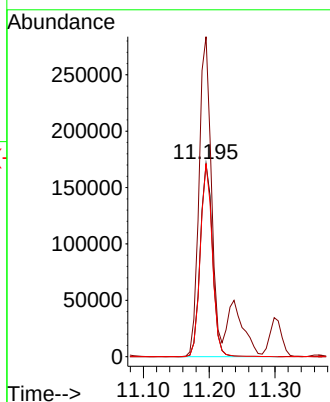
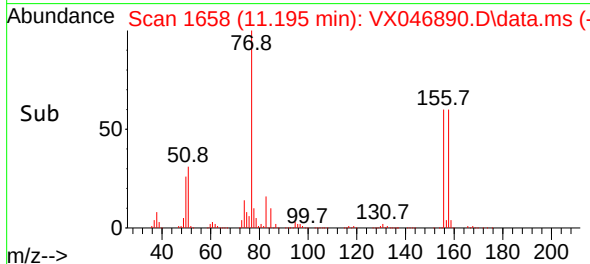
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



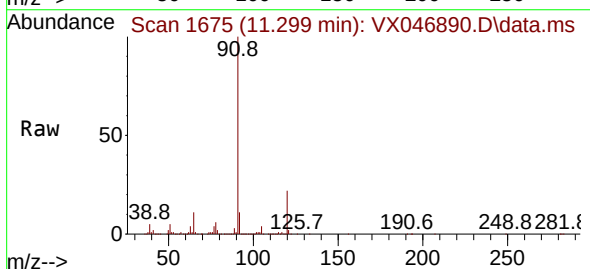
Tgt Ion:156 Resp: 22166
Ion Ratio Lower Upper
156 100
77 166.2 82.3 247.0
158 98.0 47.5 142.6

Manual Integrations
APPROVED

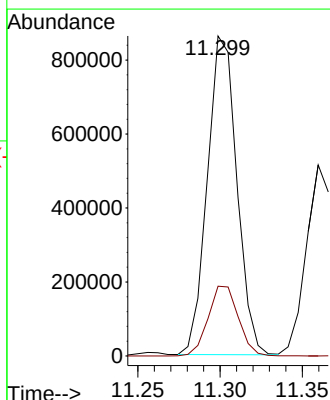
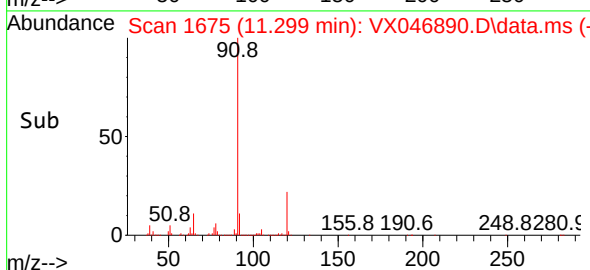
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

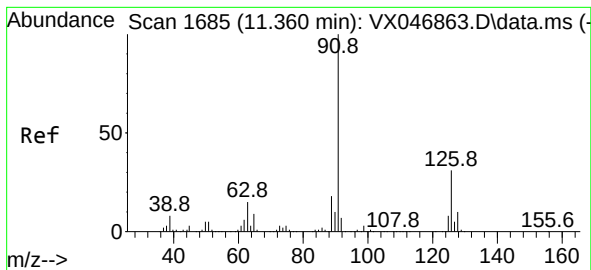


#78
n-propylbenzene
Concen: 46.195 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03



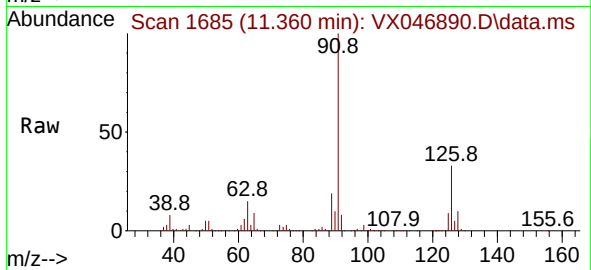
Tgt Ion: 91 Resp: 1075973
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5





#79
2-Chlorotoluene
Concen: 46.371 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

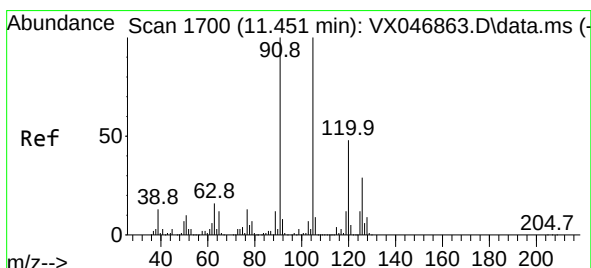
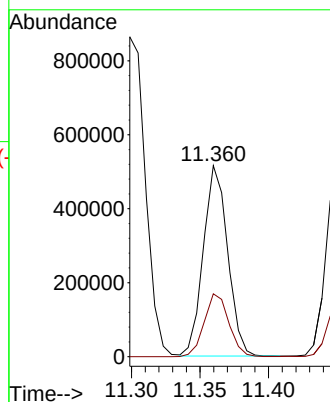
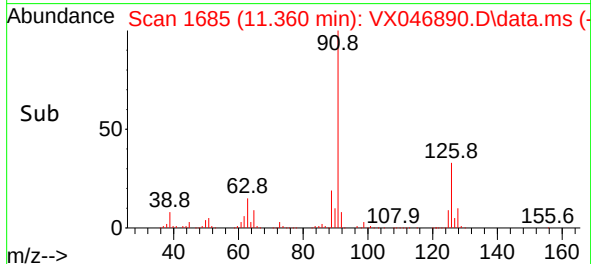
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



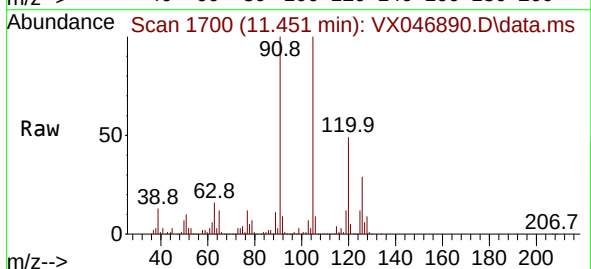
Tgt Ion: 91 Resp: 637752
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.8

Manual Integrations
APPROVED

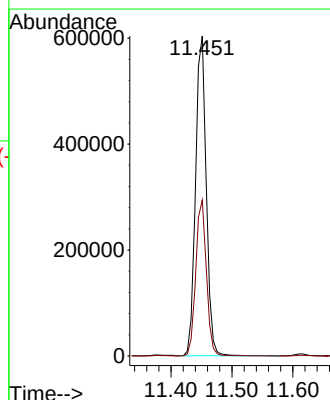
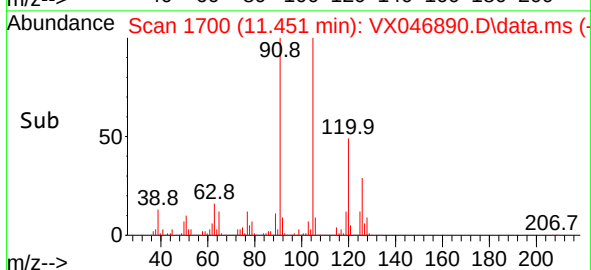
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

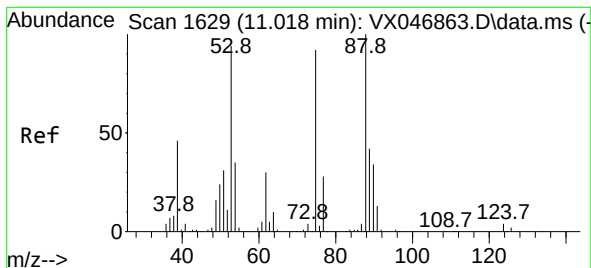


#80
1,3,5-Trimethylbenzene
Concen: 46.784 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03



Tgt Ion:105 Resp: 734303
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.4





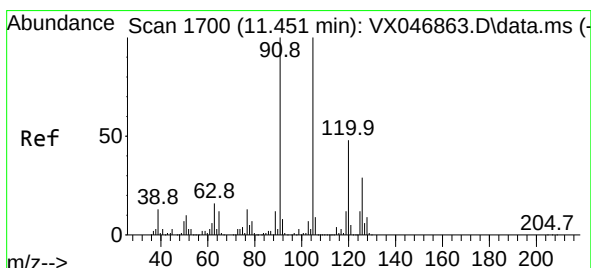
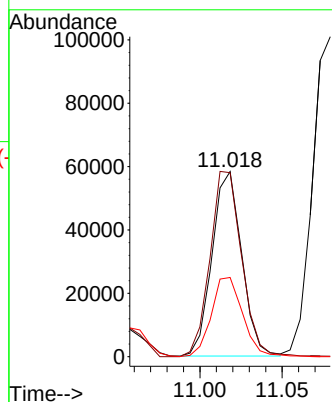
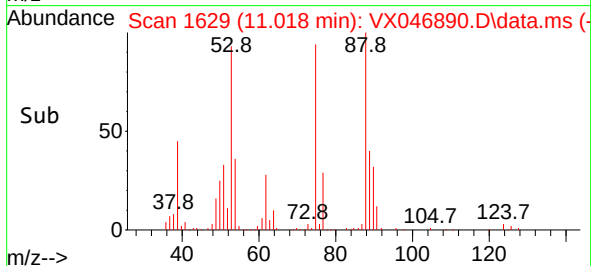
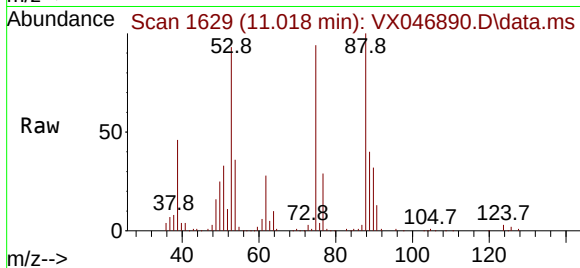
#81
trans-1,4-Dichloro-2-butene
Concen: 46.090 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 72923
Ion Ratio Lower Upper
75 100
53 107.9 83.7 125.5
89 45.6 38.2 57.2

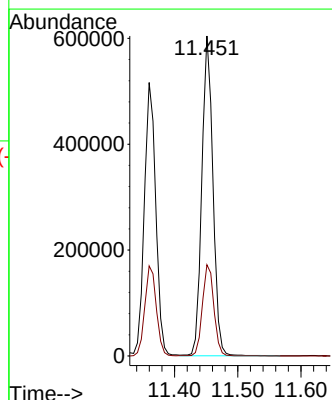
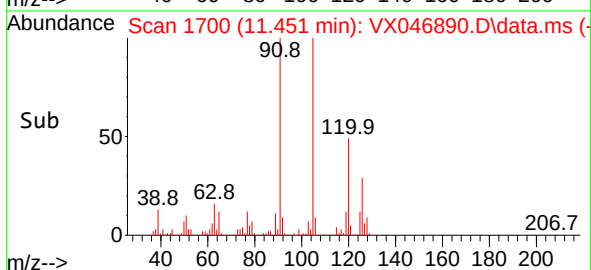
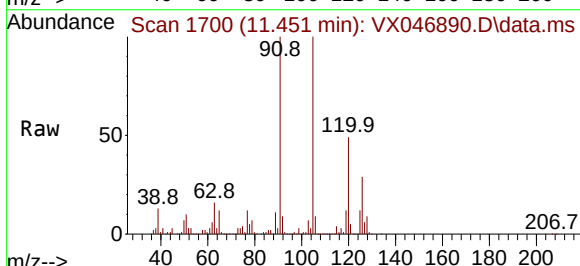
Manual Integrations
APPROVED

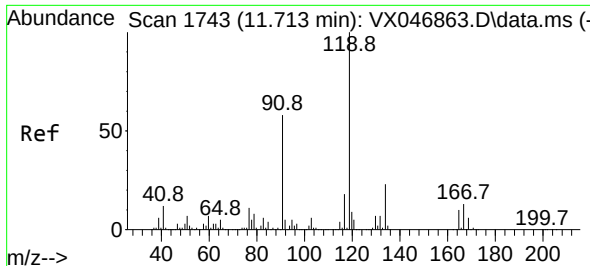
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#82
4-Chlorotoluene
Concen: 46.536 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

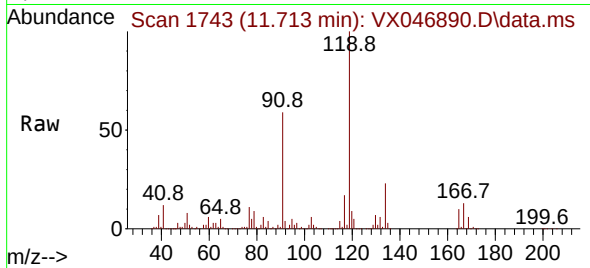
Tgt Ion: 91 Resp: 738576
Ion Ratio Lower Upper
91 100
126 29.4 14.6 44.0





#83
tert-Butylbenzene
Concen: 46.552 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

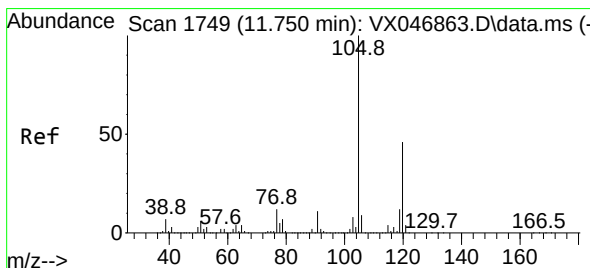
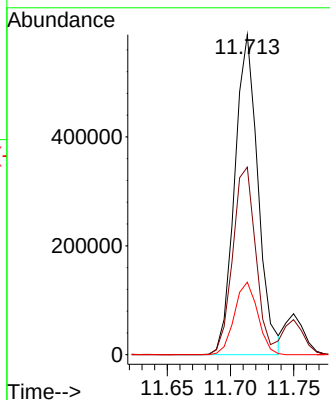
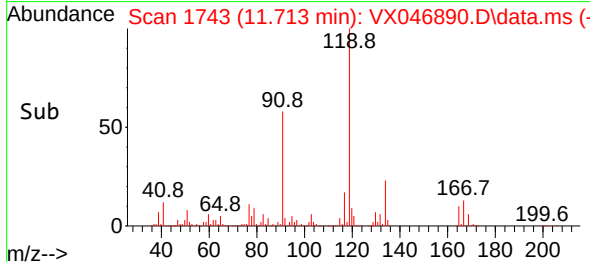
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



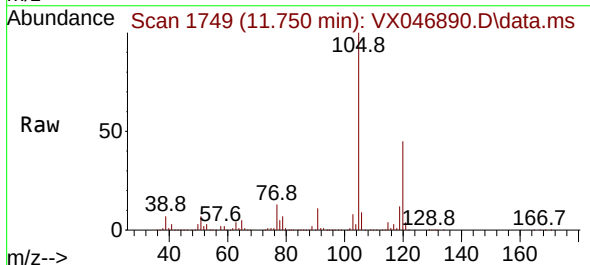
Tgt Ion:119 Resp: 754640
Ion Ratio Lower Upper
119 100
91 57.7 28.7 86.3
134 22.7 11.4 34.2

Manual Integrations
APPROVED

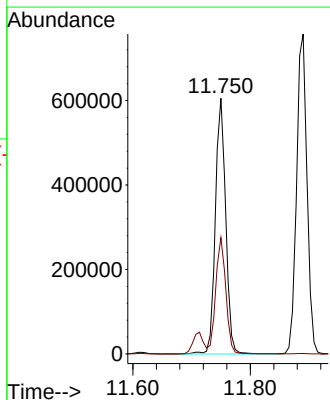
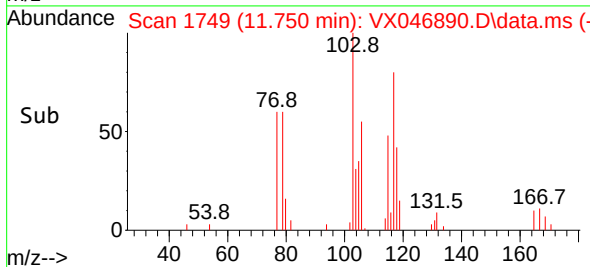
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

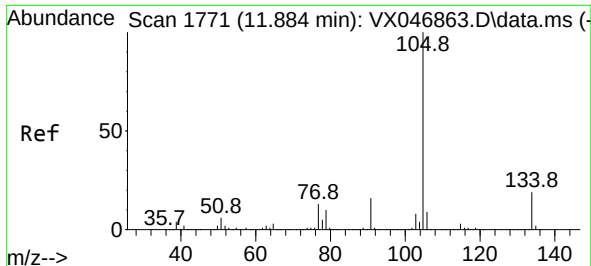


#84
1,2,4-Trimethylbenzene
Concen: 46.480 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03



Tgt Ion:105 Resp: 737391
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8





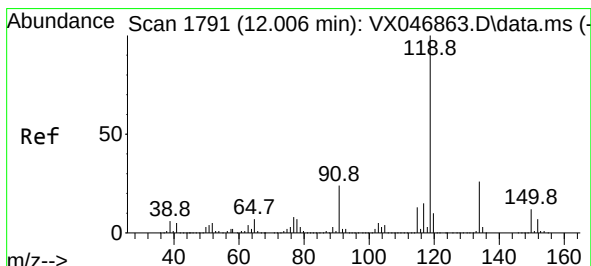
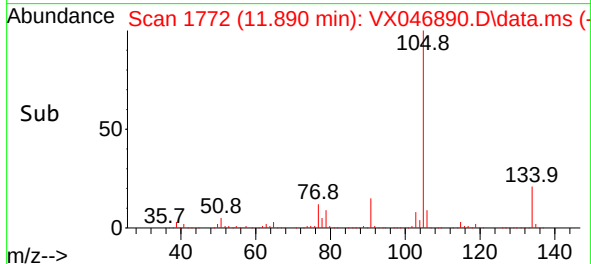
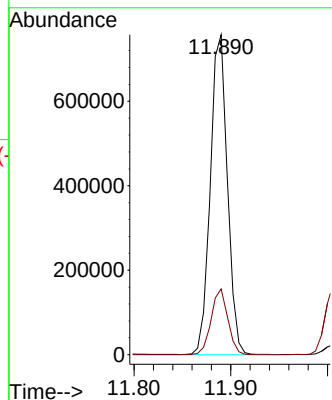
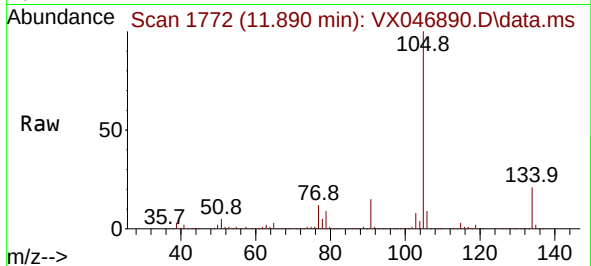
#85
 sec-Butylbenzene
 Concen: 45.520 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX046890.D
 Acq: 03 Jul 2025 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 93038
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

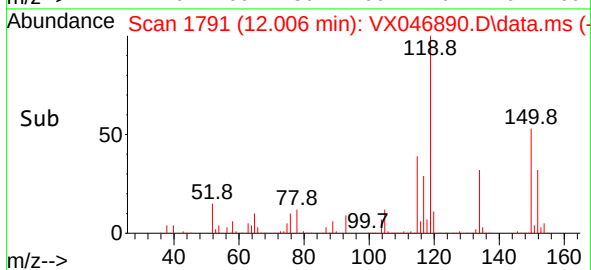
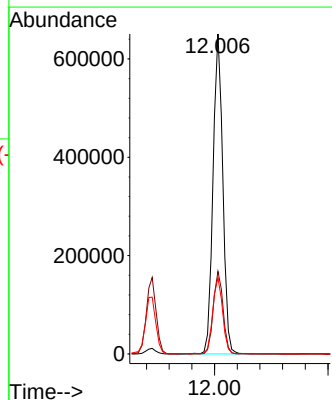
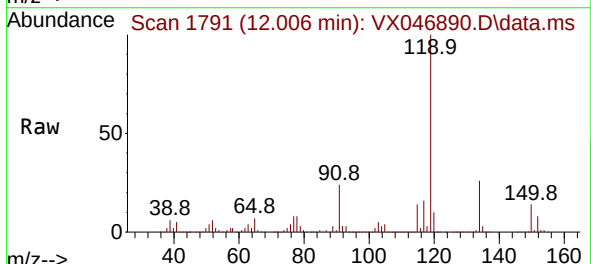
Manual Integrations
 APPROVED

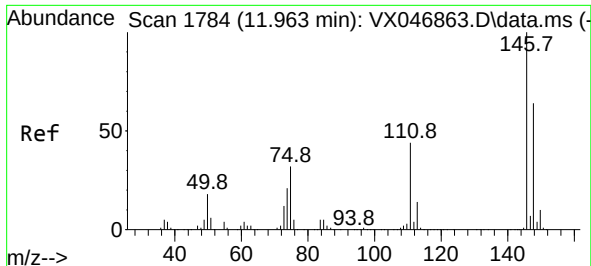
Reviewed By :John Carlone 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025



#86
 p-Isopropyltoluene
 Concen: 45.526 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046890.D
 Acq: 03 Jul 2025 16:03

Tgt Ion:119 Resp: 779230
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.2 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 46.103 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 414859

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

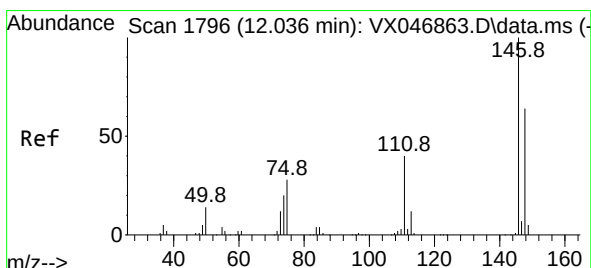
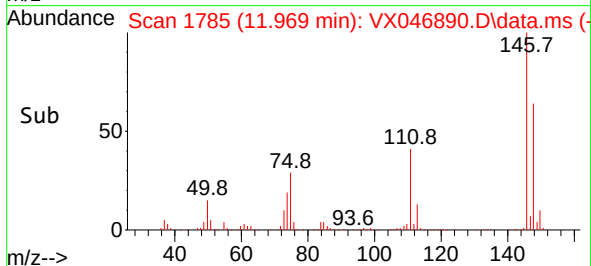
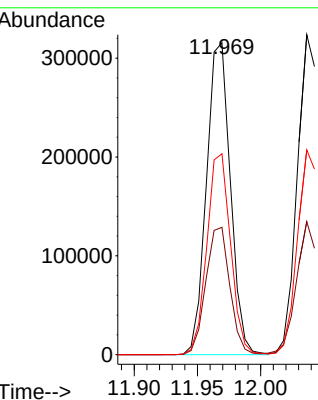
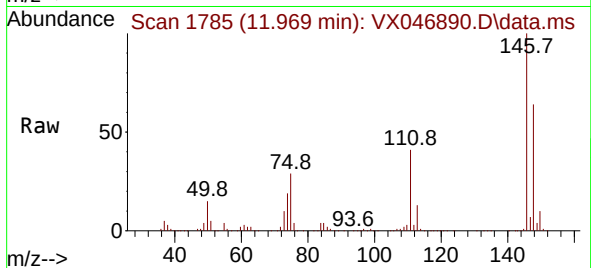
148 63.9 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#88

1,4-Dichlorobenzene

Concen: 44.046 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

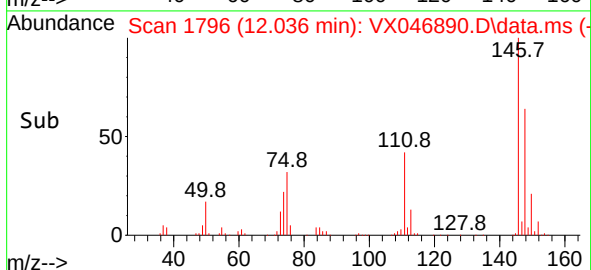
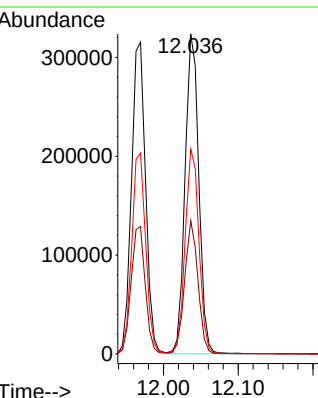
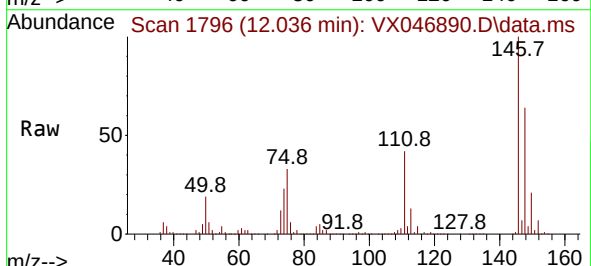
Tgt Ion:146 Resp: 412494

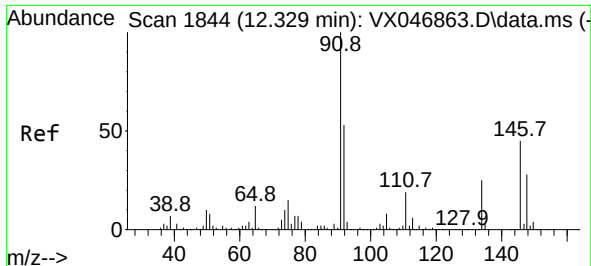
Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

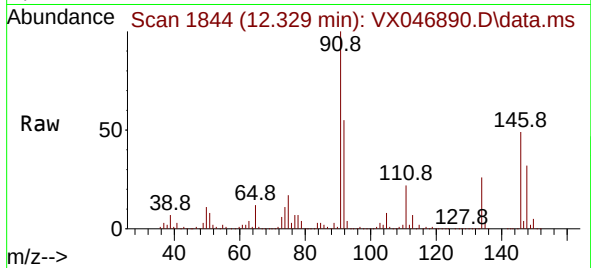
148 64.2 32.4 97.0





#89
n-Butylbenzene
Concen: 44.053 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

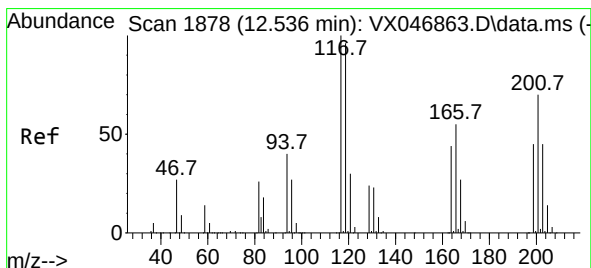
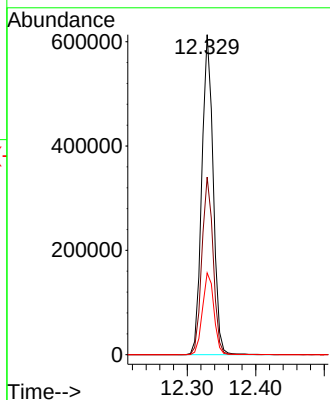
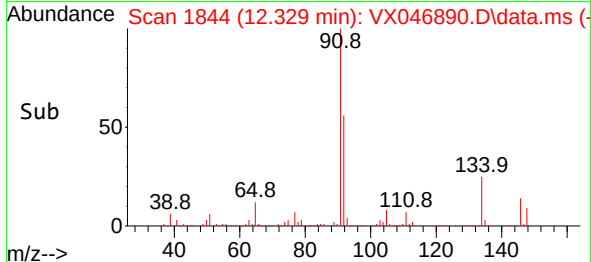
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 708475
Ion Ratio Lower Upper
91 100
92 55.3 27.0 81.0
134 25.9 12.8 38.4

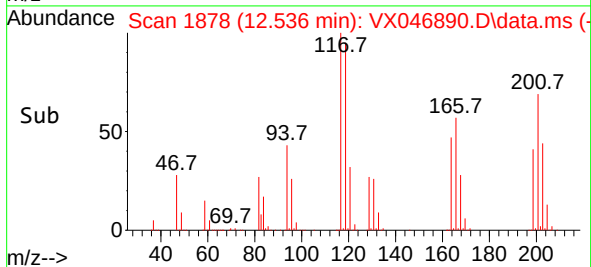
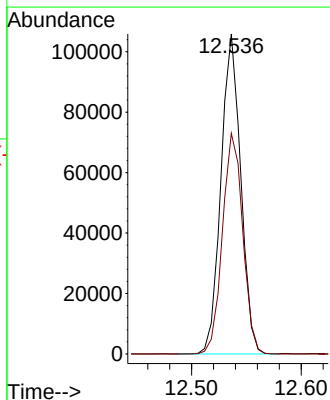
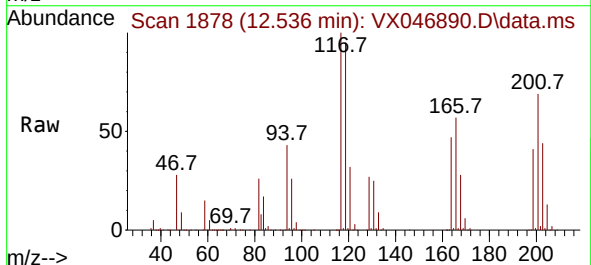
Manual Integrations
APPROVED

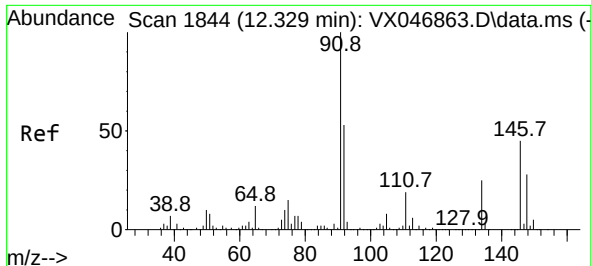
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#90
Hexachloroethane
Concen: 43.715 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

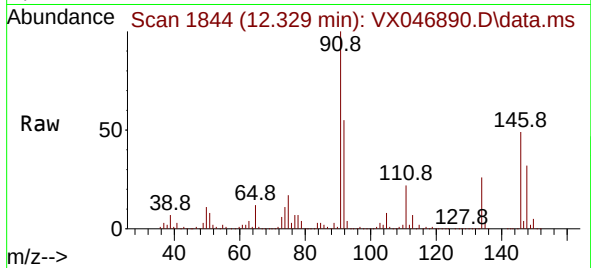
Tgt Ion:117 Resp: 132641
Ion Ratio Lower Upper
117 100
201 70.8 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 45.439 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

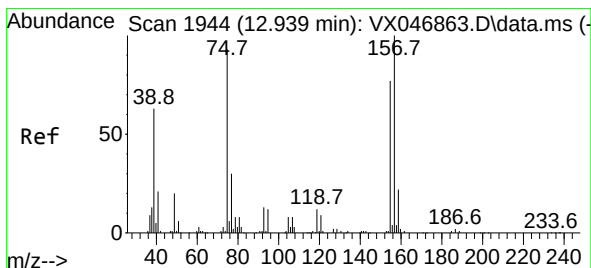
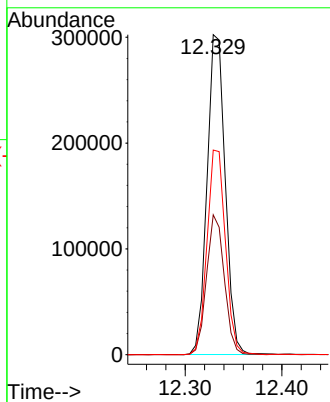
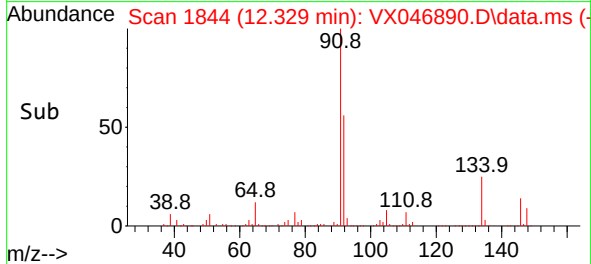
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 396234
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.1
148 64.6 31.6 95.0

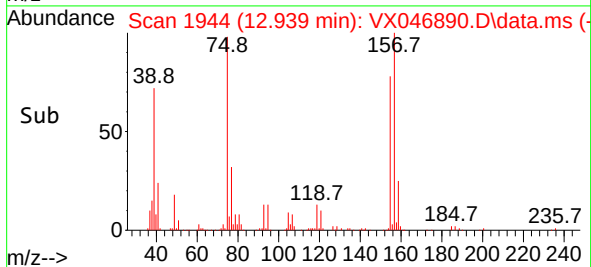
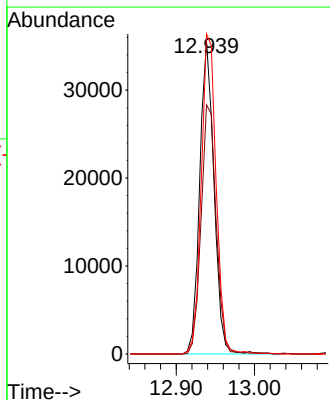
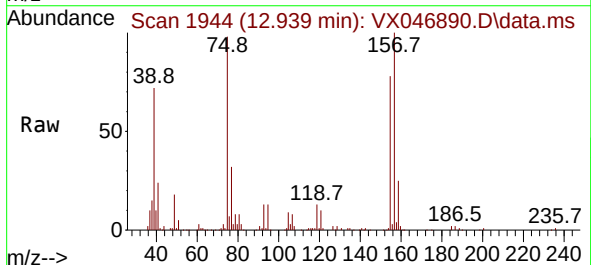
Manual Integrations
APPROVED

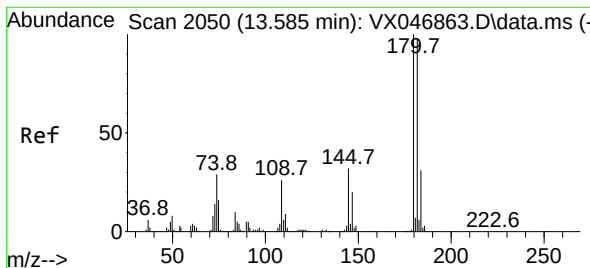
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.417 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

Tgt Ion: 75 Resp: 44980
Ion Ratio Lower Upper
75 100
155 83.9 43.1 129.4
157 107.0 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 45.154 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

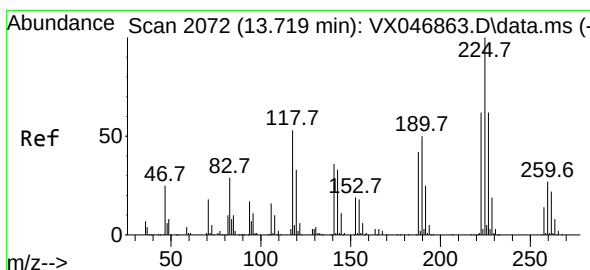
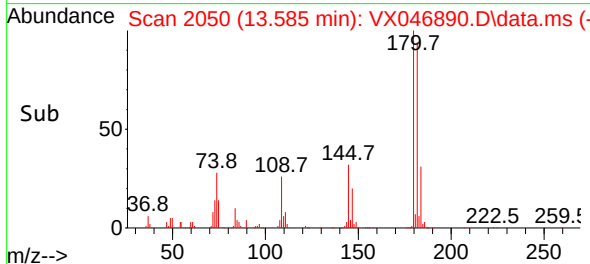
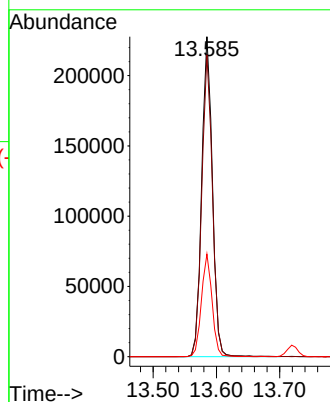
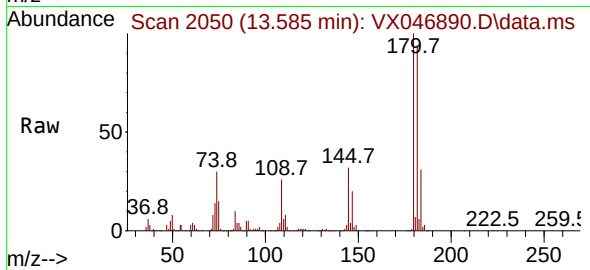
Tgt Ion:180 Resp: 267495
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 141.9
 145 32.0 16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#94

Hexachlorobutadiene

Concen: 40.512 ug/l

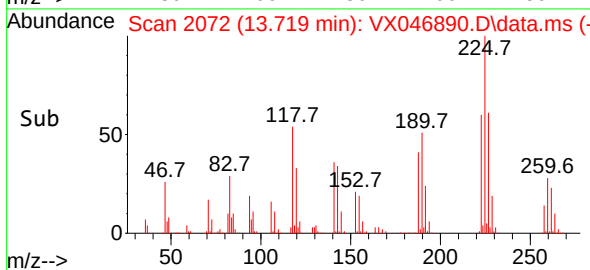
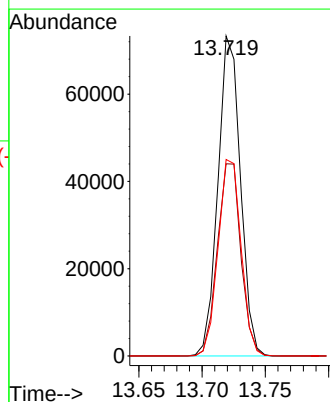
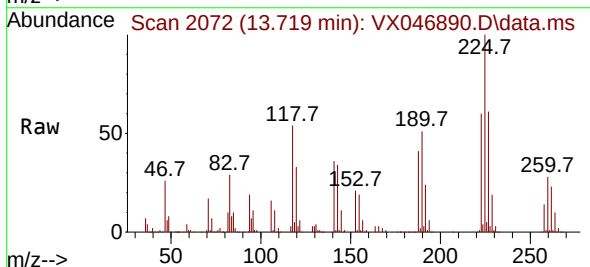
RT: 13.719 min Scan# 2072

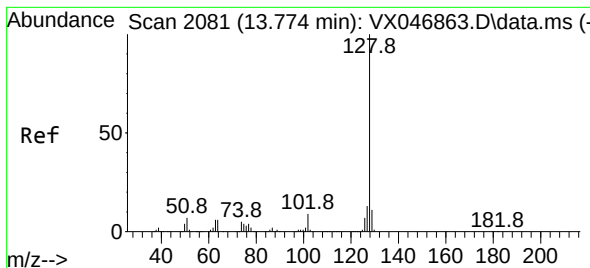
Delta R.T. -0.000 min

Lab File: VX046890.D

Acq: 03 Jul 2025 16:03

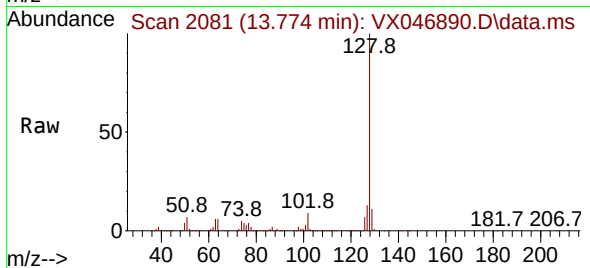
Tgt Ion:225 Resp: 90509
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 94.7
 227 62.8 31.6 94.7





#95
Naphthalene
Concen: 49.845 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03

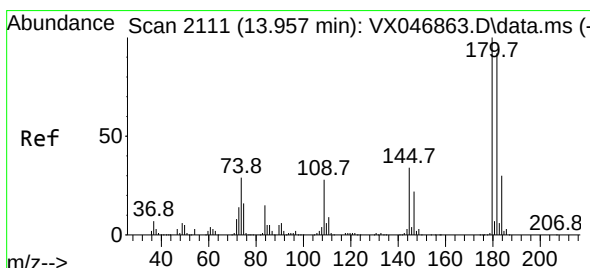
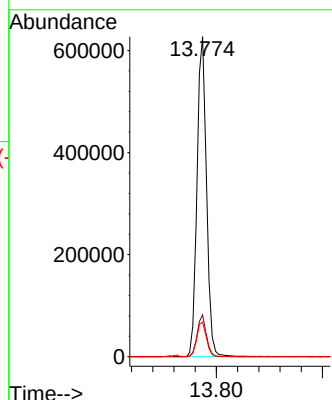
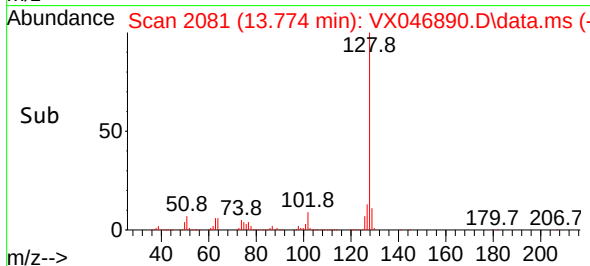
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



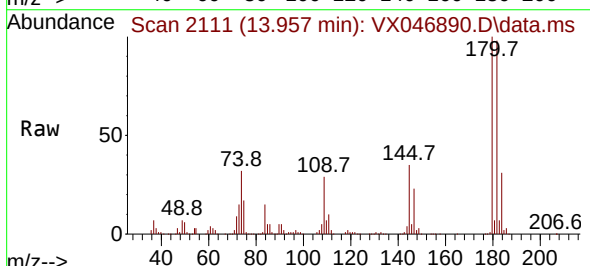
Tgt Ion:128 Resp: 77810
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.313 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046890.D
Acq: 03 Jul 2025 16:03



Tgt Ion:180 Resp: 253635
Ion Ratio Lower Upper
180 100
182 96.6 46.7 140.1
145 33.9 16.8 50.3

