

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047601.D
 Acq On : 17 Sep 2025 08:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 18 01:54:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	203321	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	347822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	296232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	156158	48.251	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.500%		
35) Dibromofluoromethane	5.361	113	122336	52.444	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.880%		
50) Toluene-d8	8.629	98	414115	51.305	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.620%		
62) 4-Bromofluorobenzene	11.061	95	155790	50.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	119481	56.749	ug/l	99
3) Chloromethane	1.301	50	140740	50.862	ug/l	100
4) Vinyl Chloride	1.380	62	151331	55.869	ug/l	100
5) Bromomethane	1.618	94	92690	53.964	ug/l	96
6) Chloroethane	1.697	64	97613	53.918	ug/l	97
7) Trichlorofluoromethane	1.892	101	232711	57.862	ug/l	96
8) Diethyl Ether	2.136	74	86715	52.708	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	138693	58.976	ug/l	99
10) Methyl Iodide	2.453	142	184404	50.278	ug/l	98
11) Tert butyl alcohol	2.941	59	88953	246.787	ug/l	99
12) 1,1-Dichloroethene	2.319	96	134210	55.558	ug/l	96
13) Acrolein	2.233	56	93978	282.934	ug/l	98
14) Allyl chloride	2.660	41	260381	52.235	ug/l	99
15) Acrylonitrile	3.050	53	346249	259.342	ug/l	100
16) Acetone	2.368	43	412272	292.978	ug/l	100
17) Carbon Disulfide	2.514	76	343597	51.957	ug/l	99
18) Methyl Acetate	2.697	43	176029	56.209	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	457213	51.848	ug/l	98
20) Methylene Chloride	2.788	84	149231	50.101	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	139328	53.572	ug/l	99
22) Diisopropyl ether	3.745	45	503750	52.144	ug/l	90
23) Vinyl Acetate	3.709	43	1974431	255.362	ug/l	99
24) 1,1-Dichloroethane	3.599	63	271584	52.891	ug/l	100
25) 2-Butanone	4.532	43	461527	262.937	ug/l	99
26) 2,2-Dichloropropane	4.465	77	232006	54.356	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	164885	51.768	ug/l	99
28) Bromochloromethane	4.879	49	117231	52.297	ug/l	100
29) Tetrahydrofuran	4.983	42	259287	245.552	ug/l	99
30) Chloroform	5.074	83	269634	51.965	ug/l	99
31) Cyclohexane	5.452	56	228628	53.460	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	236638	53.767	ug/l	100
36) 1,1-Dichloropropene	5.672	75	179063	52.533	ug/l	98
37) Ethyl Acetate	4.690	43	185174	50.738	ug/l	98
38) Carbon Tetrachloride	5.660	117	202037	54.553	ug/l	96
39) Methylcyclohexane	7.361	83	224624	58.054	ug/l	98
40) Benzene	6.019	78	543983	52.544	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	97332	51.658	ug/l	98
42) 1,2-Dichloroethane	6.068	62	200768	50.968	ug/l	100
43) Isopropyl Acetate	6.318	43	302179	50.484	ug/l	100
44) Trichloroethene	7.104	130	134308	53.660	ug/l	99
45) 1,2-Dichloropropane	7.409	63	137917	52.025	ug/l	100
46) Dibromomethane	7.562	93	97841	50.718	ug/l	98
47) Bromodichloromethane	7.806	83	210363	52.844	ug/l	98
48) Methyl methacrylate	7.671	41	149698	50.209	ug/l	99
49) 1,4-Dioxane	7.641	88	32423	1076.055	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	837167	252.257	ug/l	100
52) Toluene	8.702	92	328796	51.549	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	209983	51.714	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	226019	52.078	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	123219	50.100	ug/l	99
56) Ethyl methacrylate	9.098	69	201937	52.281	ug/l	98
57) 1,3-Dichloropropane	9.287	76	215669	51.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	485057	261.994	ug/l	100
59) 2-Hexanone	9.415	43	595228	249.728	ug/l	99
60) Dibromochloromethane	9.500	129	147809	52.158	ug/l	99
61) 1,2-Dibromoethane	9.592	107	127323	50.826	ug/l	100
64) Tetrachloroethene	9.257	164	104642	54.187	ug/l	98
65) Chlorobenzene	10.061	112	353279	52.495	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	124449	53.589	ug/l	100
67) Ethyl Benzene	10.177	91	632906	54.505	ug/l	99
68) m/p-Xylenes	10.281	106	469648	108.664	ug/l	100
69) o-Xylene	10.622	106	224265	53.647	ug/l	100
70) Styrene	10.634	104	388352	53.018	ug/l	100
71) Bromoform	10.781	173	92500	53.344	ug/l #	99
73) Isopropylbenzene	10.945	105	597002	56.769	ug/l	100
74) N-amyl acetate	10.823	43	255134	53.201	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	167142	52.532	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	134404m	47.990	ug/l	
77) Bromobenzene	11.177	156	139045	53.683	ug/l	98
78) n-propylbenzene	11.287	91	700672	56.362	ug/l	100
79) 2-Chlorotoluene	11.348	91	414287	54.410	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	480850	55.653	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	58064	52.870	ug/l	97
82) 4-Chlorotoluene	11.433	91	491100	54.611	ug/l	100
83) tert-Butylbenzene	11.695	119	497751	56.276	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	478593	54.636	ug/l	100
85) sec-Butylbenzene	11.872	105	604477	57.537	ug/l	100
86) p-Isopropyltoluene	11.988	119	502524	56.500	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	254401	52.880	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	258994	52.453	ug/l	100
89) n-Butylbenzene	12.311	91	478143	58.099	ug/l	99
90) Hexachloroethane	12.518	117	89396	57.248	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	244300	53.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	34194	53.081	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	164946	55.373	ug/l	98
94) Hexachlorobutadiene	13.707	225	59191	58.500	ug/l	99
95) Naphthalene	13.756	128	470770	51.900	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	152049	54.873	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDCCC050

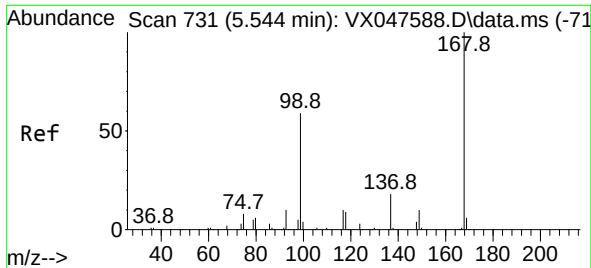
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/18/2025

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



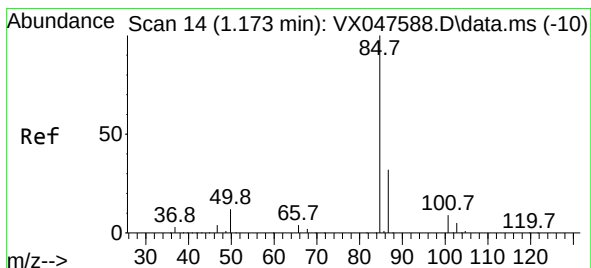
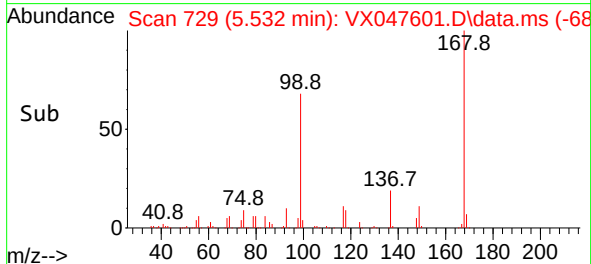
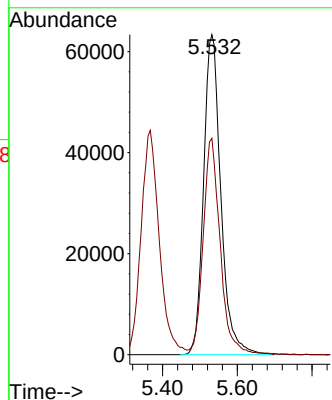
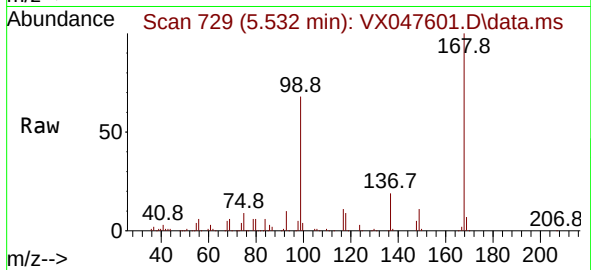
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047601.D
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MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 20332
Ion Ratio Lower Upper
168 100
99 67.5 48.8 73.2

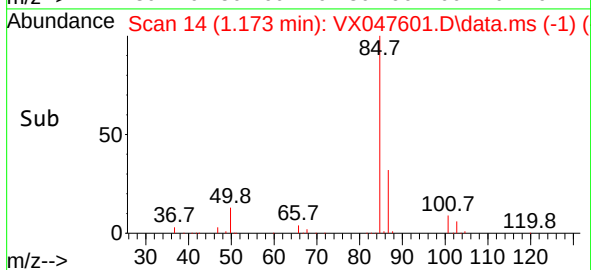
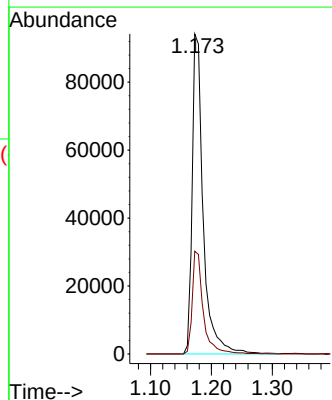
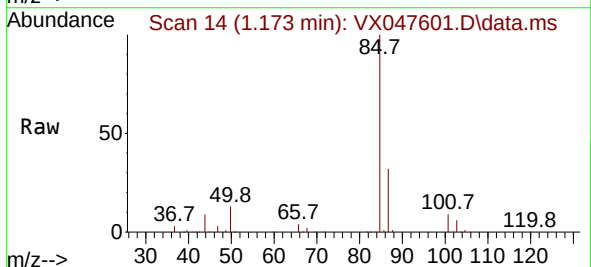
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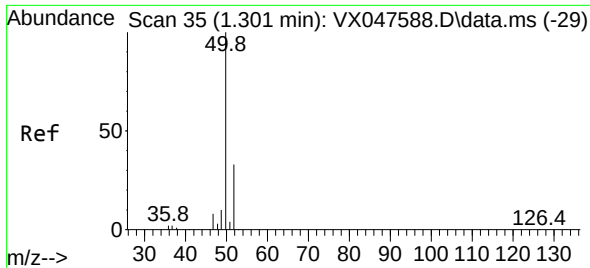
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#2
Dichlorodifluoromethane
Concen: 56.749 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Tgt Ion: 85 Resp: 119481
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.3





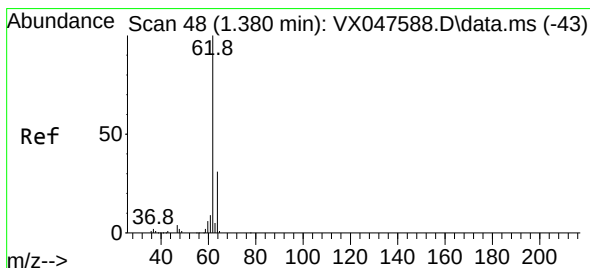
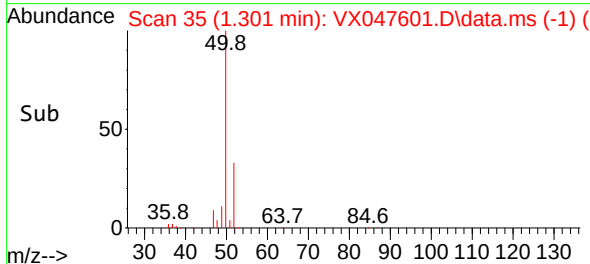
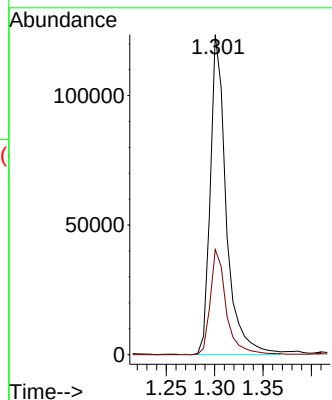
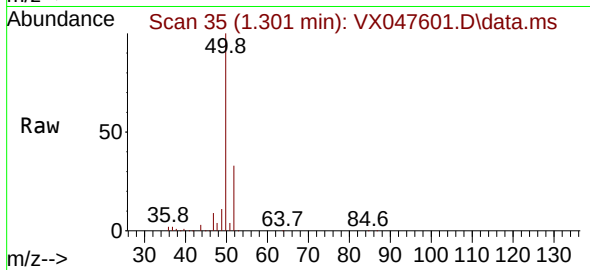
#3
Chloromethane
Concen: 50.862 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 140740
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1

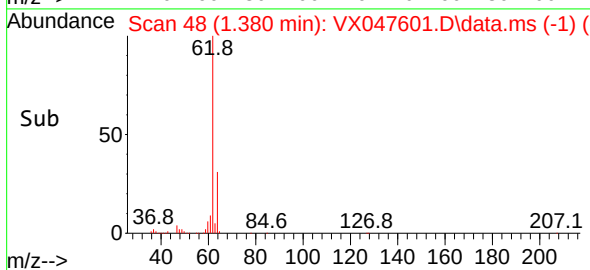
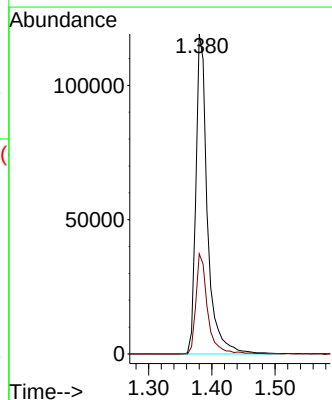
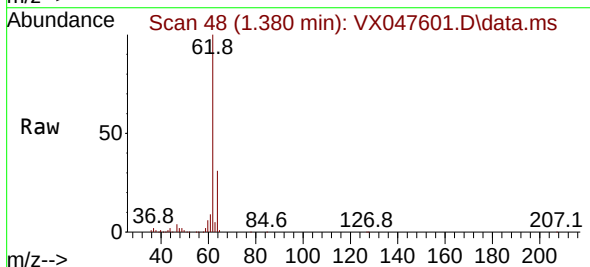
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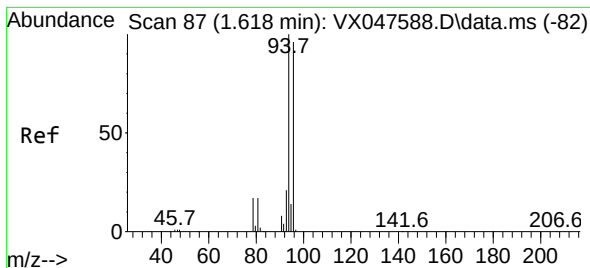
Reviewed By :John Carlone 09/18/2025
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#4
Vinyl Chloride
Concen: 55.869 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

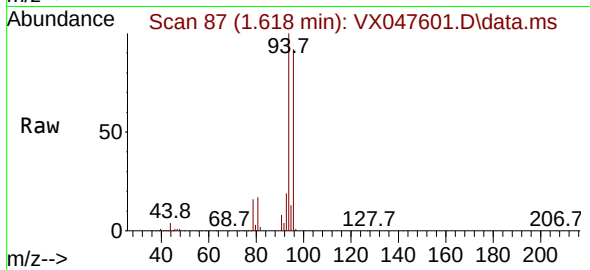
Tgt Ion: 62 Resp: 151331
Ion Ratio Lower Upper
62 100
64 31.3 24.9 37.3





#5
Bromomethane
Concen: 53.964 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX047601.D
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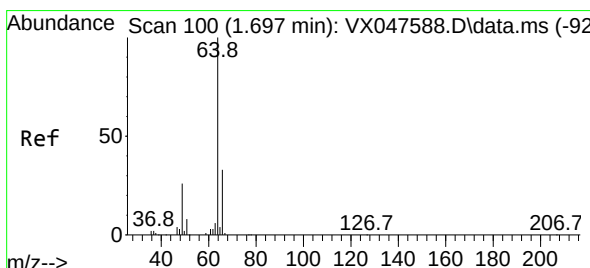
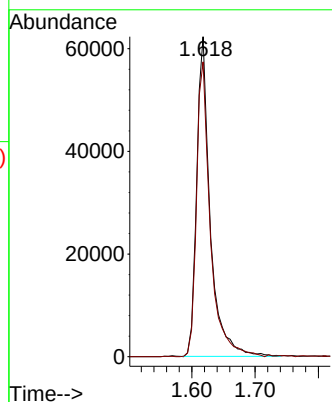
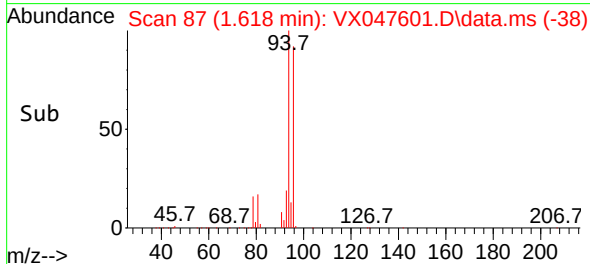
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 92690
Ion Ratio Lower Upper
94 100
96 92.3 76.6 115.0

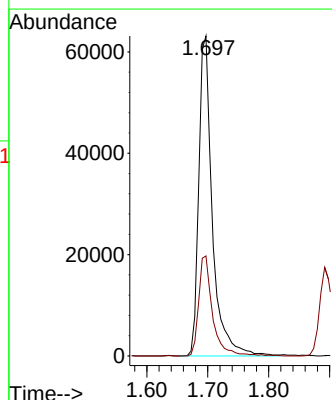
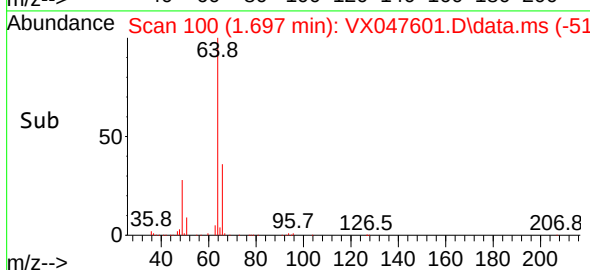
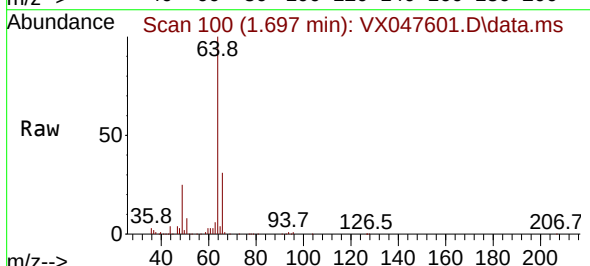
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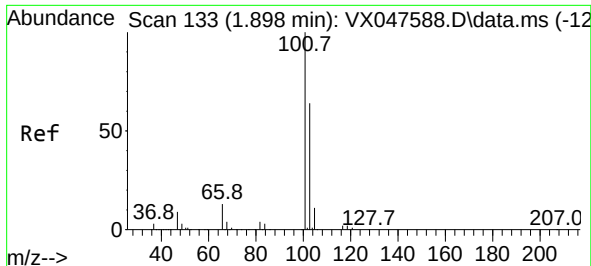
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#6
Chloroethane
Concen: 53.918 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047601.D
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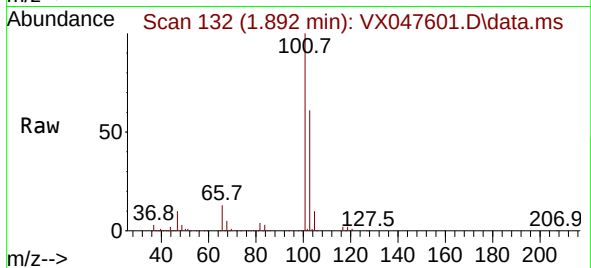
Tgt Ion: 64 Resp: 97613
Ion Ratio Lower Upper
64 100
66 31.2 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 57.862 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX047601.D
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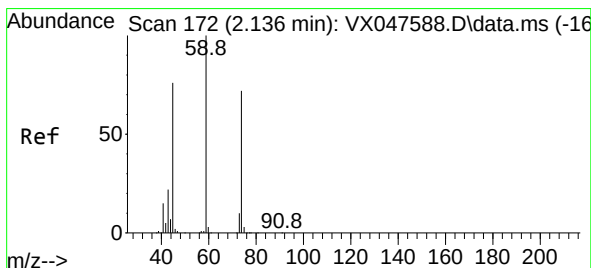
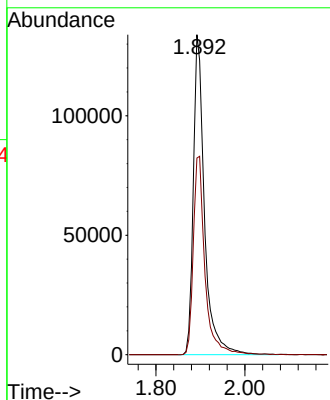
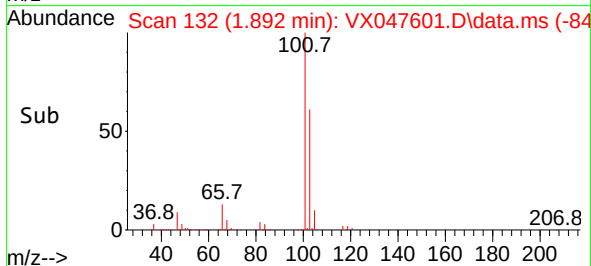
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 23271
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.4 77.2

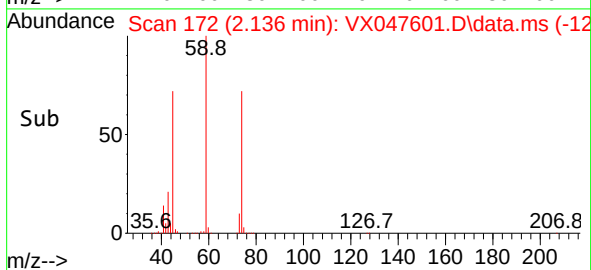
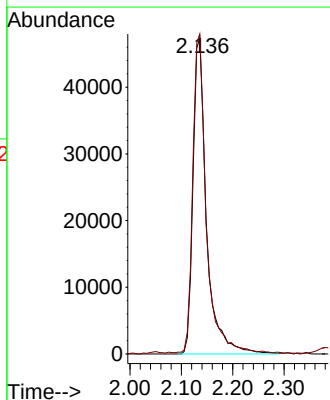
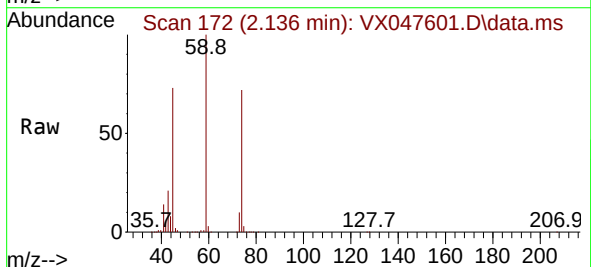
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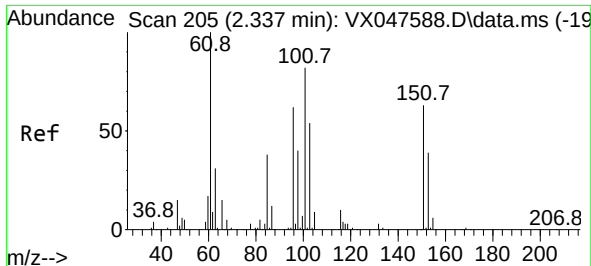
Reviewed By :John Carlone 09/18/2025
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#8
 Diethyl Ether
 Concen: 52.708 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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 Acq: 17 Sep 2025 08:51

Tgt Ion: 74 Resp: 86715
 Ion Ratio Lower Upper
 74 100
 45 100.5 52.3 156.8





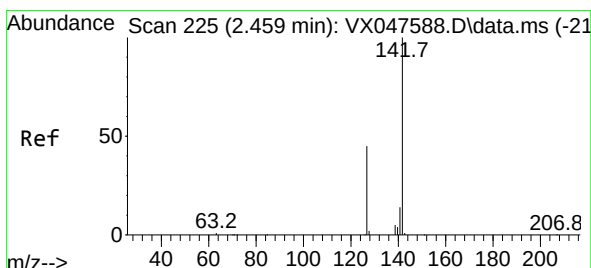
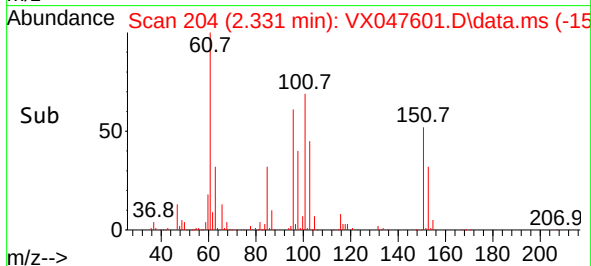
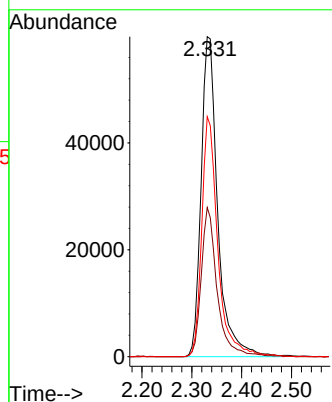
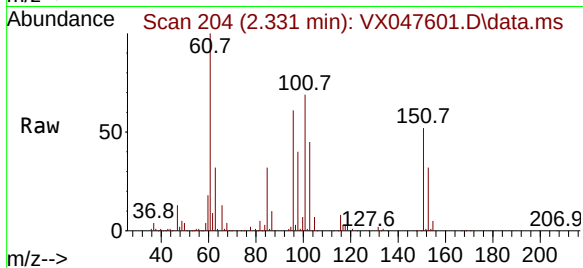
#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.976 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13869
Ion Ratio Lower Upper
101 100
85 44.8 35.5 53.3
151 72.7 59.4 89.0

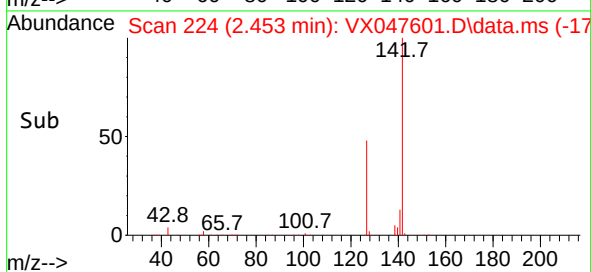
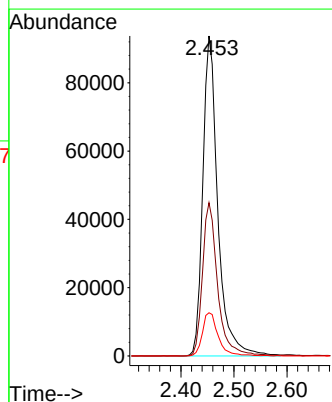
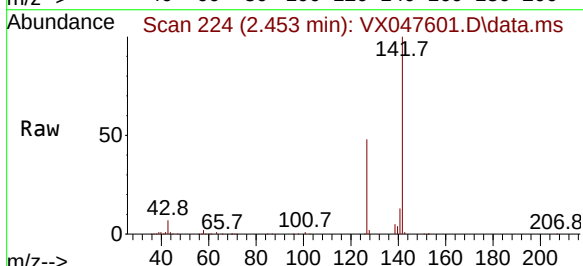
Manual Integrations
APPROVED

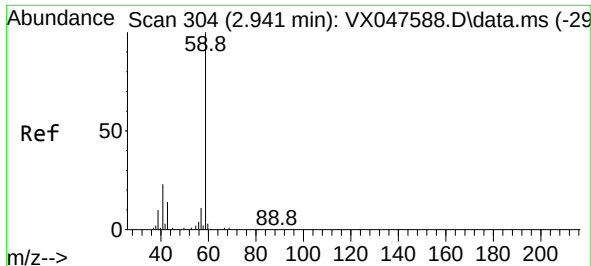
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#10
Methyl Iodide
Concen: 50.278 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

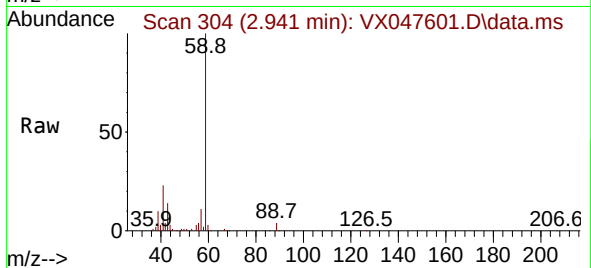
Tgt Ion:142 Resp: 184404
Ion Ratio Lower Upper
142 100
127 48.4 37.2 55.8
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 246.787 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

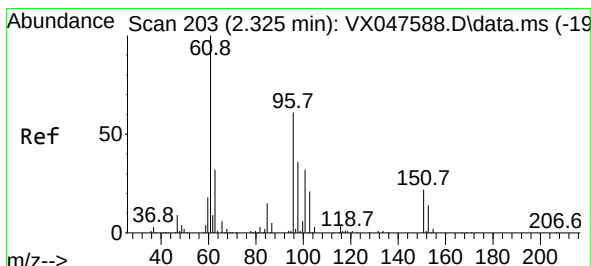
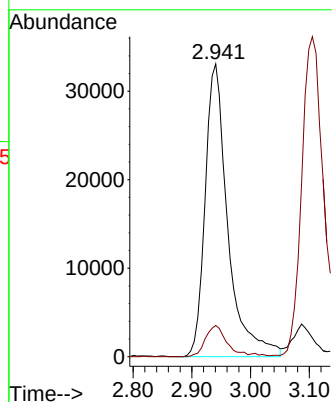
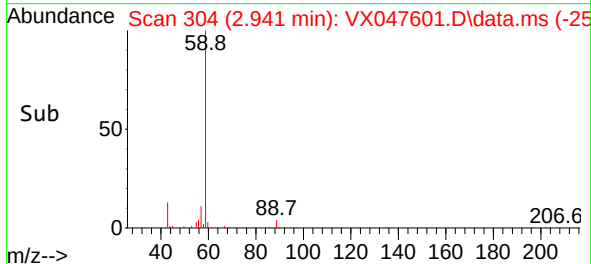
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



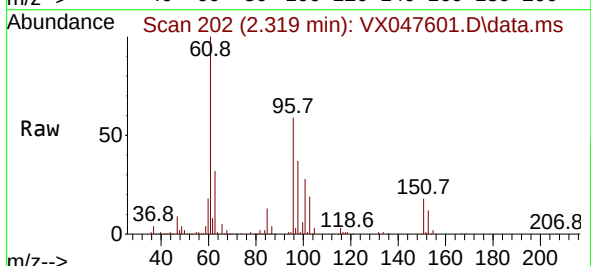
Tgt Ion: 59 Resp: 8895
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

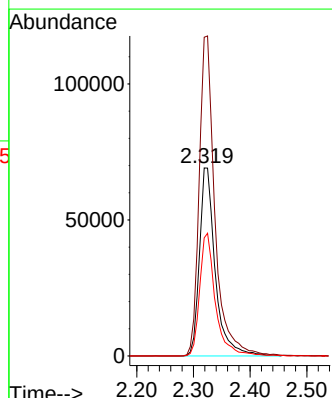
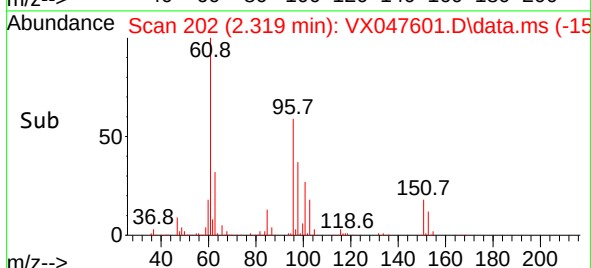
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

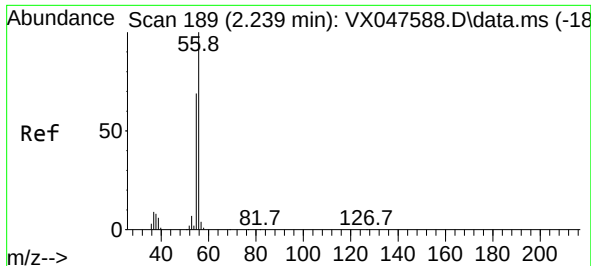


#12
1,1-Dichloroethene
Concen: 55.558 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51



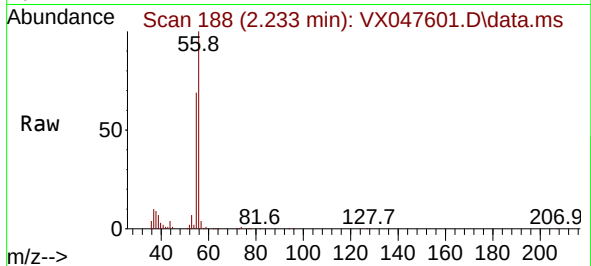
Tgt Ion: 96 Resp: 134210
Ion Ratio Lower Upper
96 100
61 169.6 131.0 196.6
98 62.8 47.7 71.5





#13
Acrolein
Concen: 282.934 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

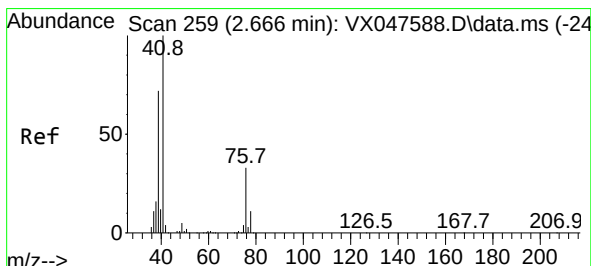
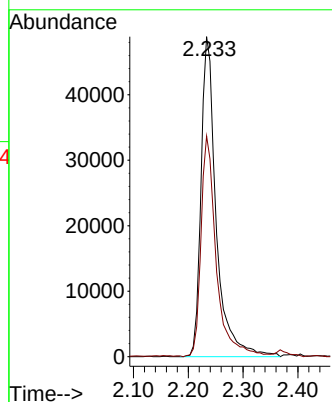
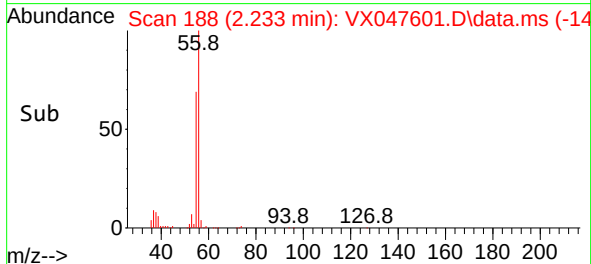
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 93978
Ion Ratio Lower Upper
56 100
55 69.6 57.2 85.8

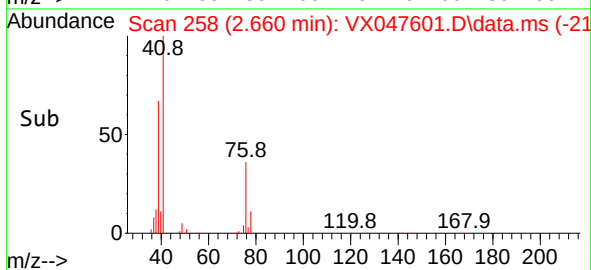
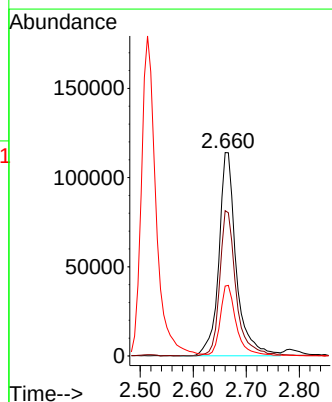
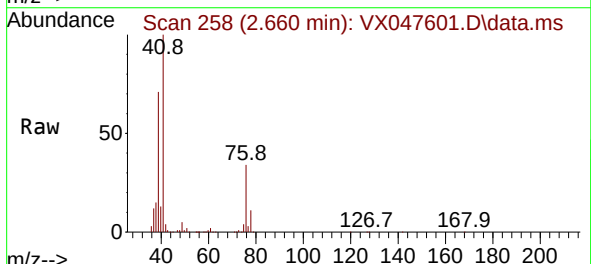
Manual Integrations
APPROVED

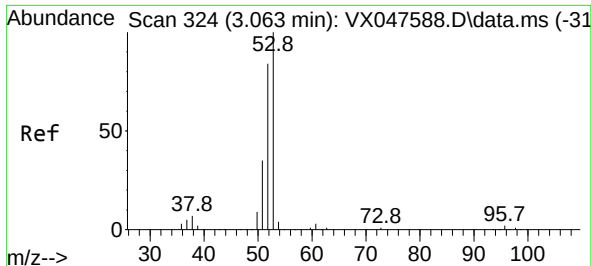
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#14
Allyl chloride
Concen: 52.235 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

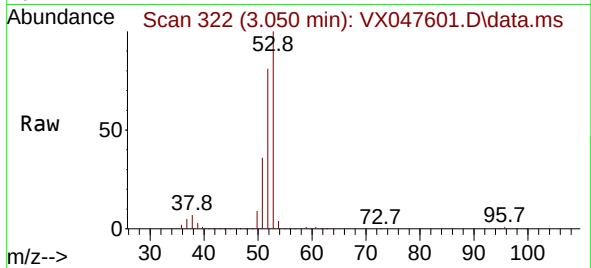
Tgt Ion: 41 Resp: 260381
Ion Ratio Lower Upper
41 100
39 67.3 54.7 82.1
76 32.1 25.7 38.5





#15
Acrylonitrile
Concen: 259.342 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

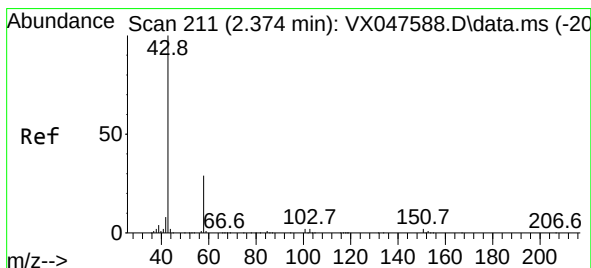
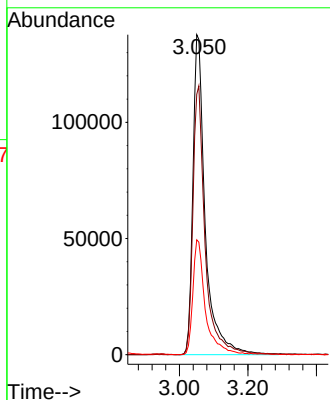
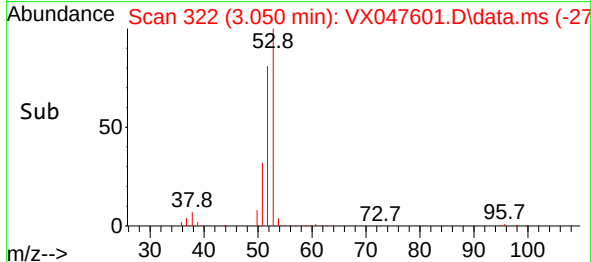
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 346249
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 36.7 29.5 44.3

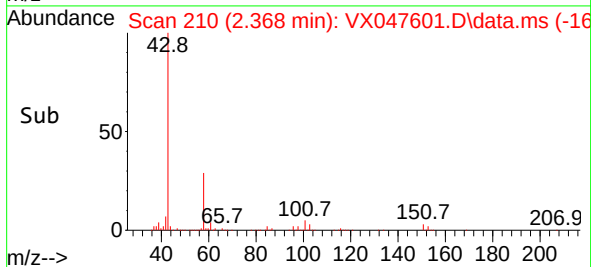
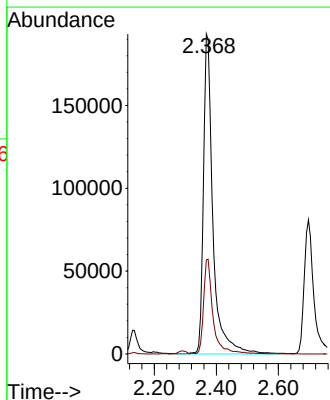
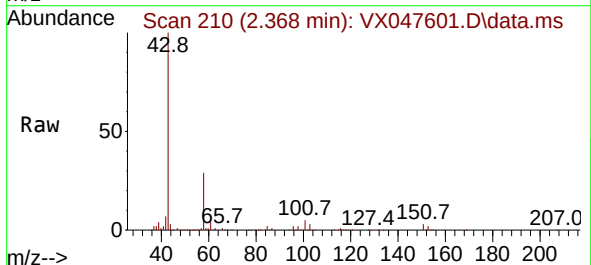
Manual Integrations
APPROVED

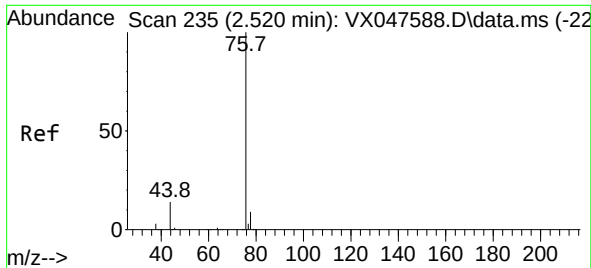
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#16
Acetone
Concen: 292.978 ug/l
RT: 2.368 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

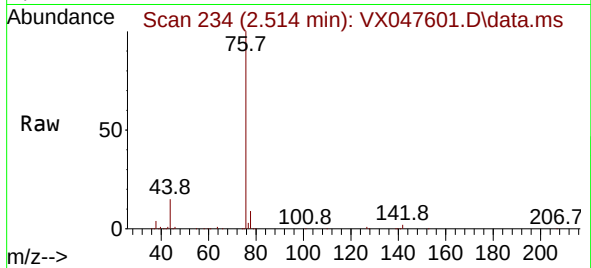
Tgt Ion: 43 Resp: 412272
Ion Ratio Lower Upper
43 100
58 29.4 23.4 35.0





#17
Carbon Disulfide
Concen: 51.957 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

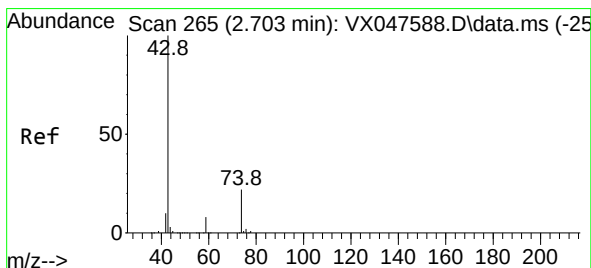
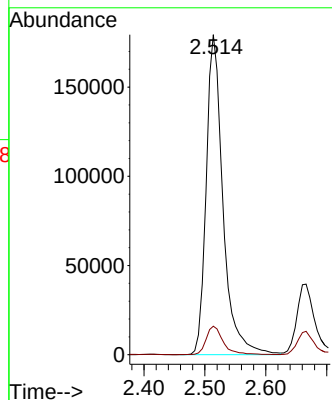
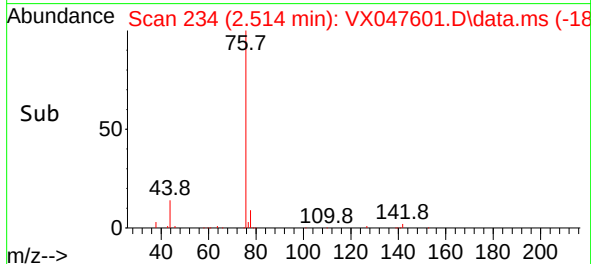
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



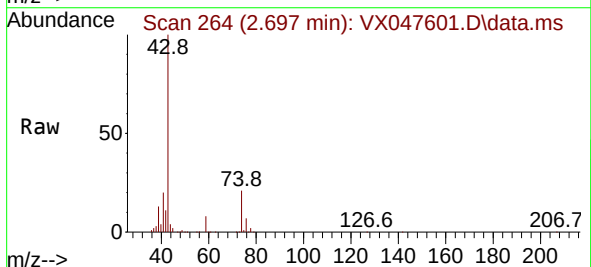
Tgt Ion: 76 Resp: 34359
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

Manual Integrations
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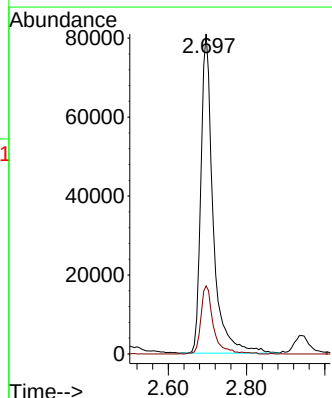
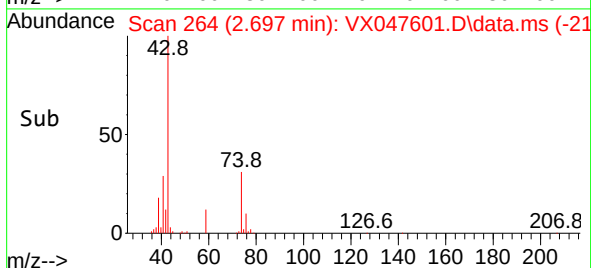
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

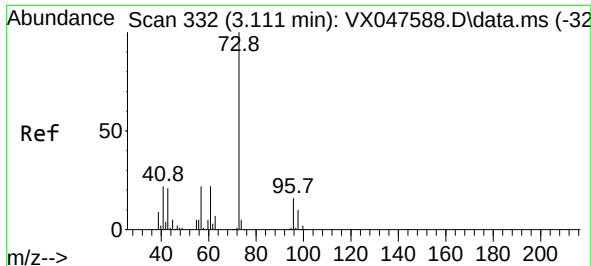


#18
Methyl Acetate
Concen: 56.209 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51



Tgt Ion: 43 Resp: 176029
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.2





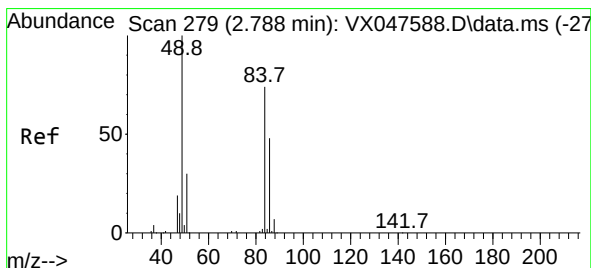
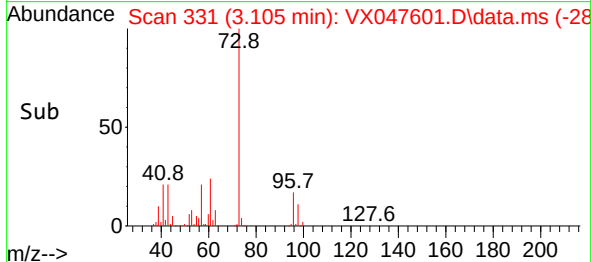
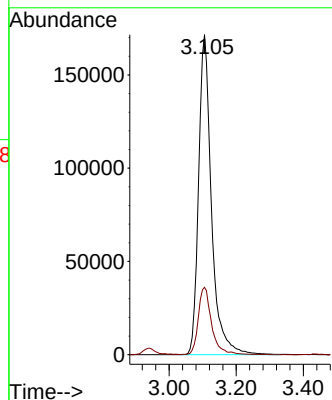
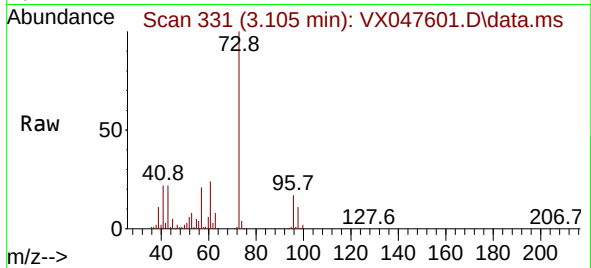
#19
Methyl tert-butyl Ether
Concen: 51.848 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 45721
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2

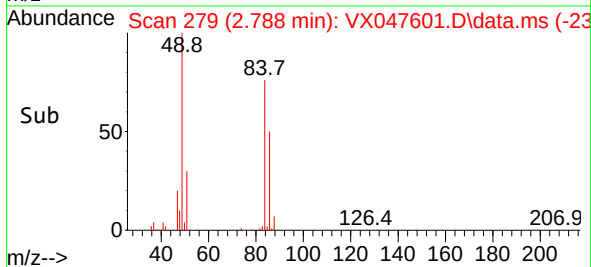
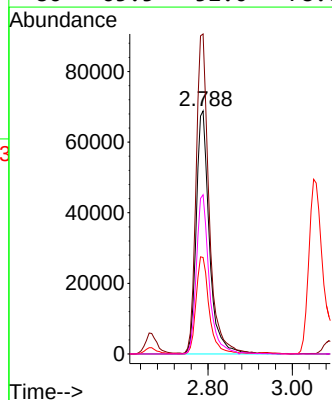
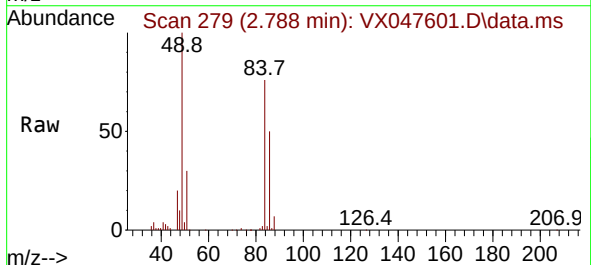
Manual Integrations
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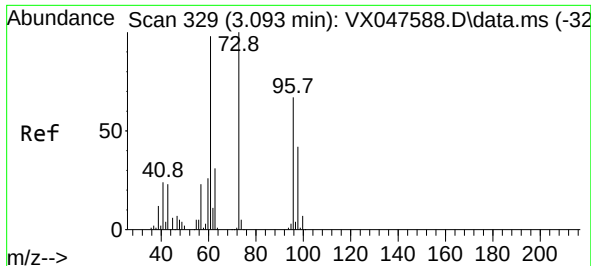
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#20
Methylene Chloride
Concen: 50.101 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

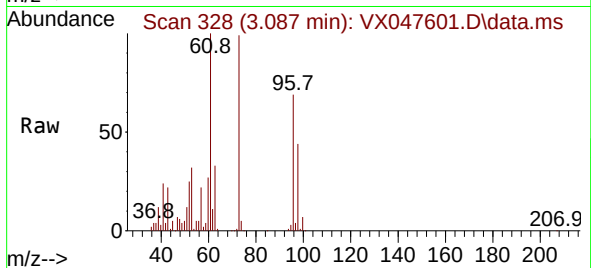
Tgt Ion: 84 Resp: 149231
Ion Ratio Lower Upper
84 100
49 131.4 108.6 162.8
51 39.6 32.6 48.8
86 65.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 53.572 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

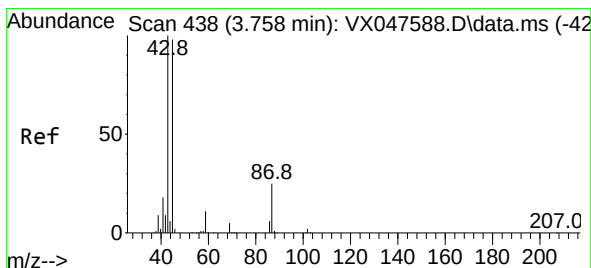
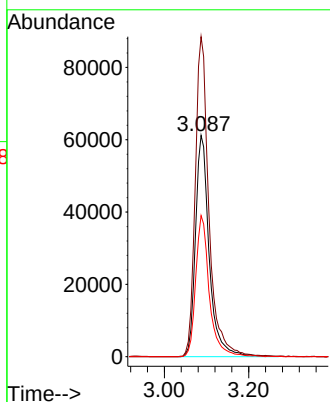
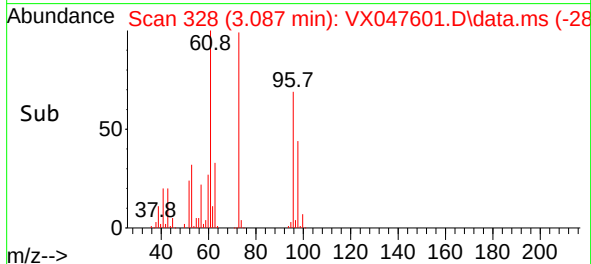
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 139328
Ion Ratio Lower Upper
96 100
61 144.6 116.2 174.2
98 63.8 49.3 73.9

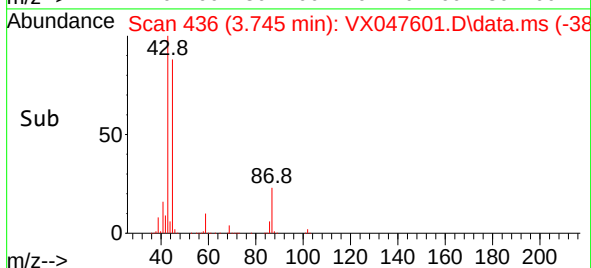
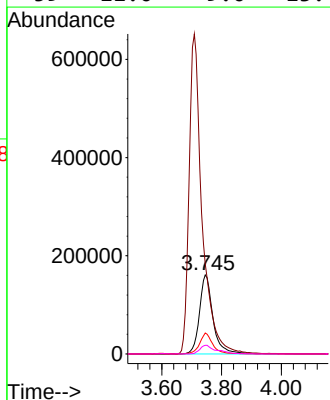
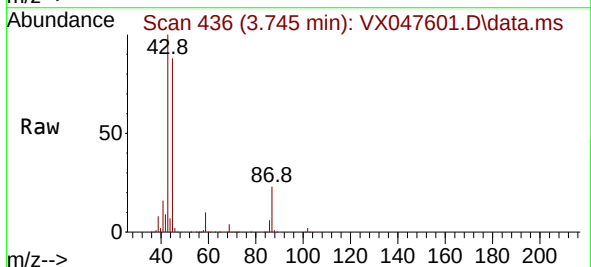
Manual Integrations
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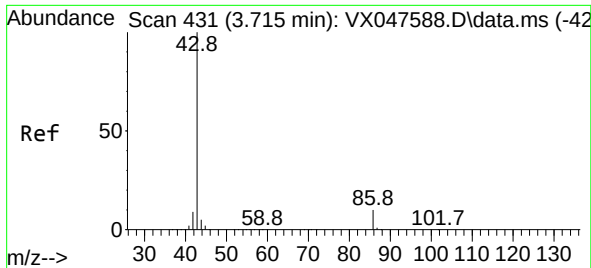
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#22
Diisopropyl ether
Concen: 52.144 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

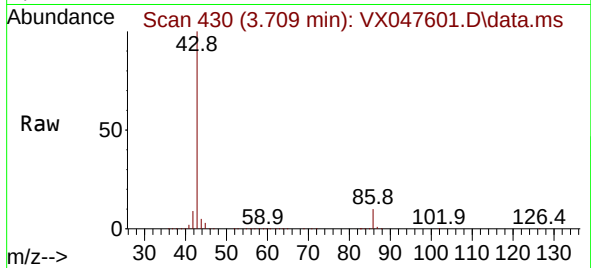
Tgt Ion: 45 Resp: 503750
Ion Ratio Lower Upper
45 100
43 113.9 81.0 121.4
87 26.6 20.3 30.5
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 255.362 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047601.D
 Acq: 17 Sep 2025 08:51

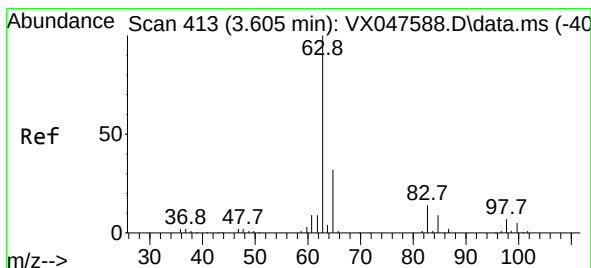
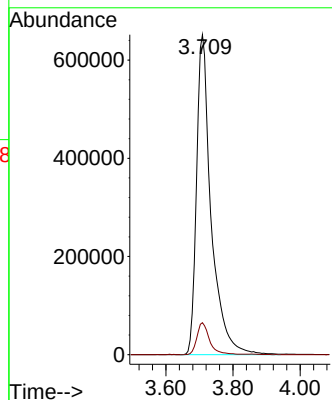
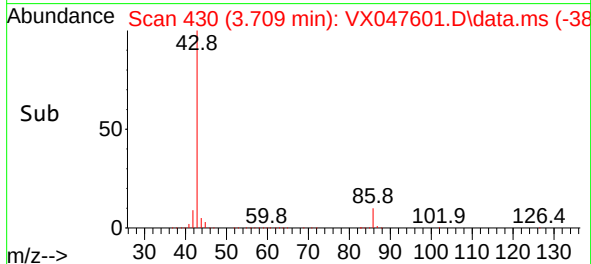
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



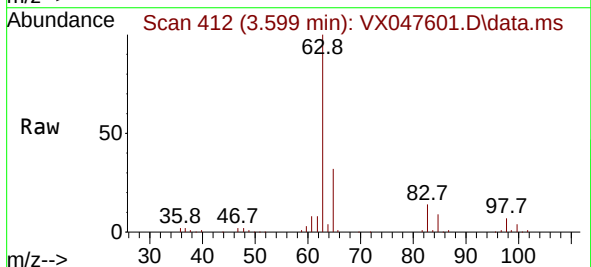
Tgt Ion: 43 Resp: 197443
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

Manual Integrations
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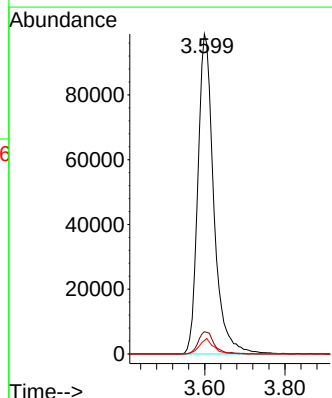
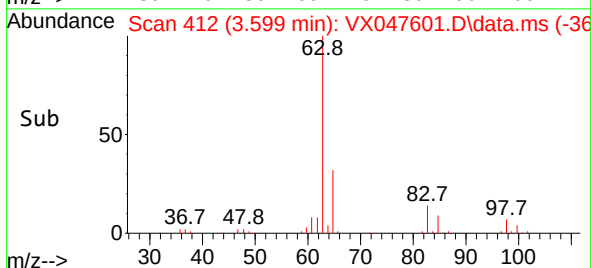
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

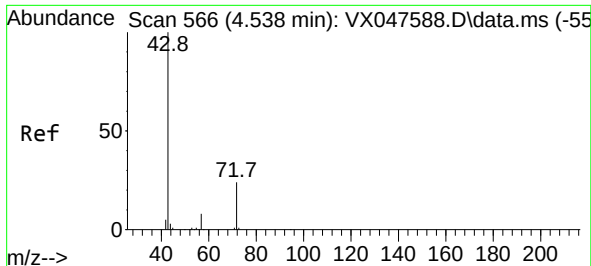


#24
 1,1-Dichloroethane
 Concen: 52.891 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047601.D
 Acq: 17 Sep 2025 08:51



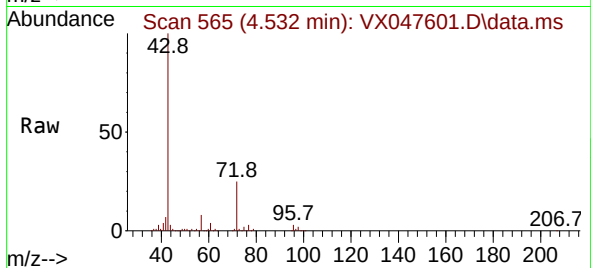
Tgt Ion: 63 Resp: 271584
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 262.937 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

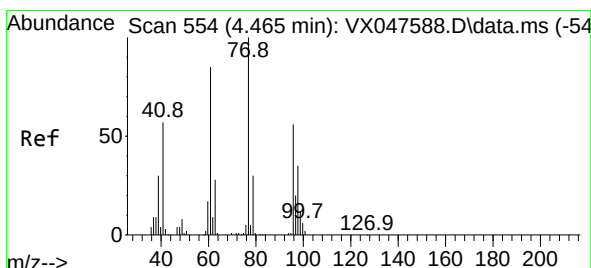
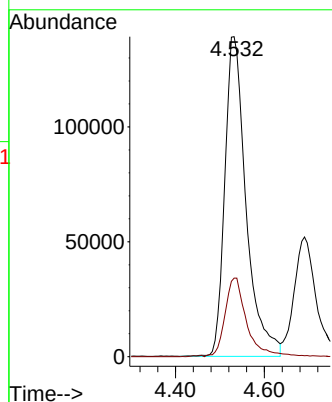
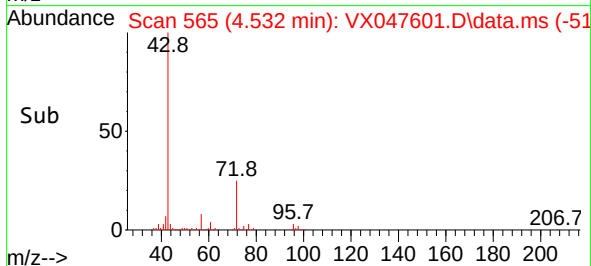
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 46152
Ion Ratio Lower Upper
43 100
72 24.6 20.1 30.1

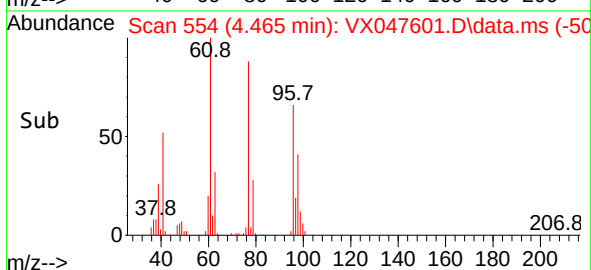
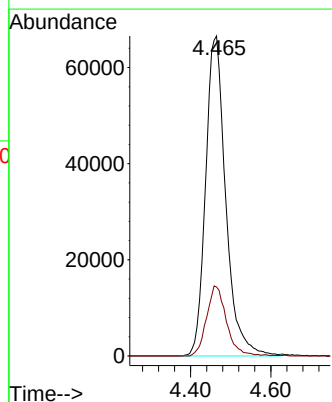
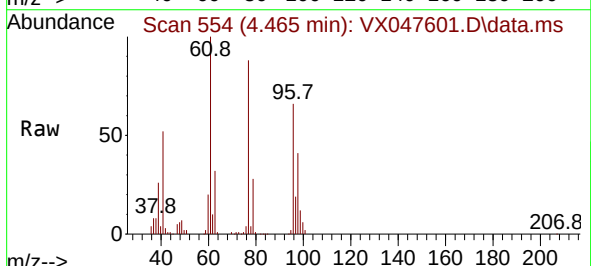
Manual Integrations
APPROVED

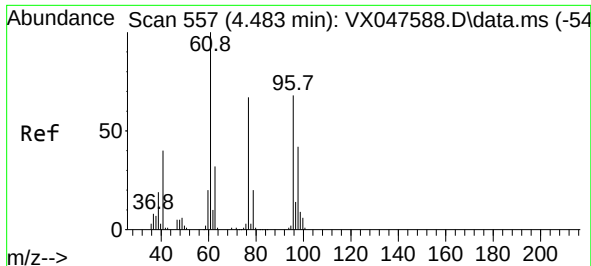
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#26
2,2-Dichloropropane
Concen: 54.356 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Tgt Ion: 77 Resp: 232006
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 51.768 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 16488

Ion Ratio Lower Upper

96 100

61 152.7 0.0 303.2

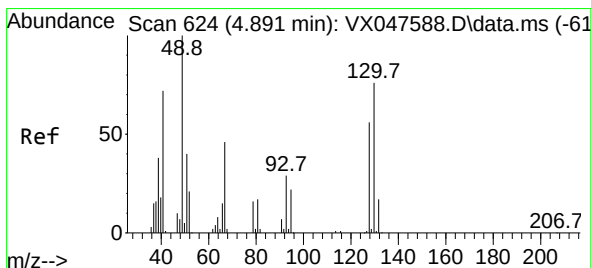
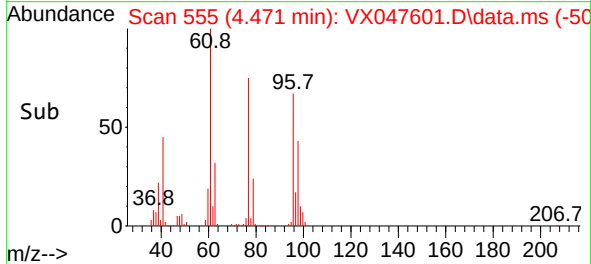
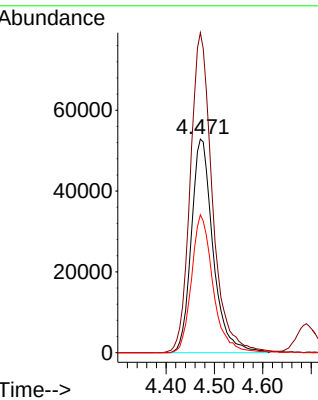
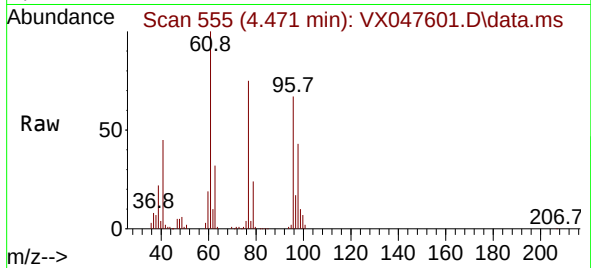
98 64.2 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#28

Bromochloromethane

Concen: 52.297 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

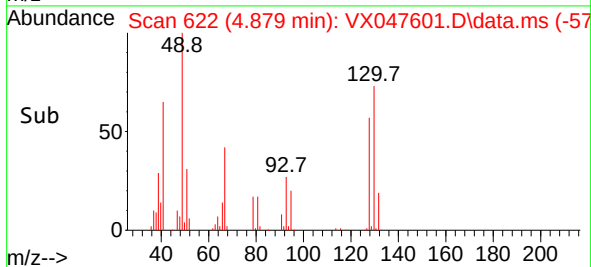
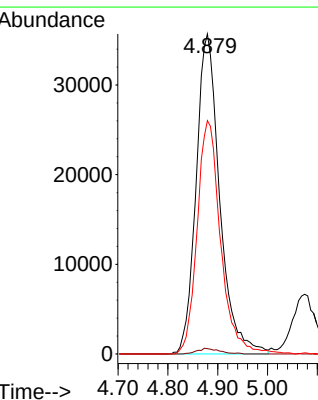
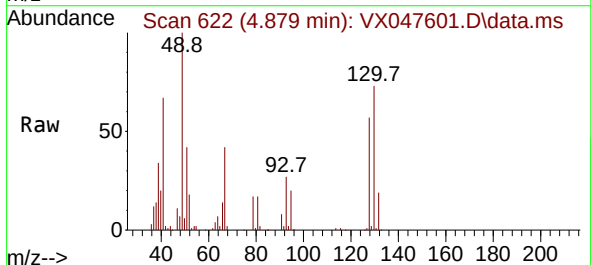
Tgt Ion: 49 Resp: 117231

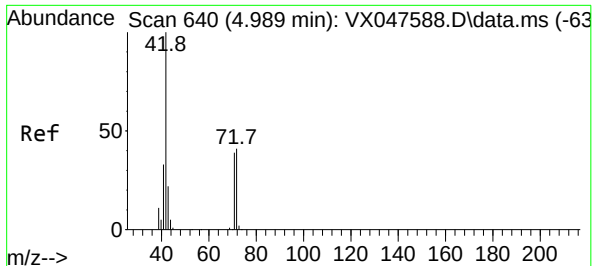
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

130 72.5 57.8 86.8





#29

Tetrahydrofuran

Concen: 245.552 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX047601.D

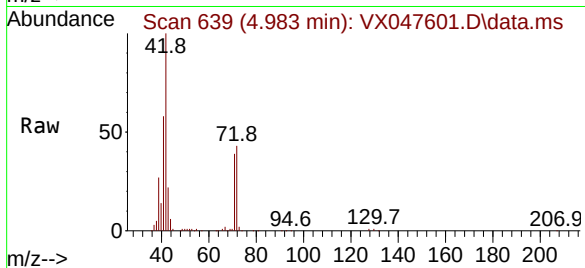
Acq: 17 Sep 2025 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



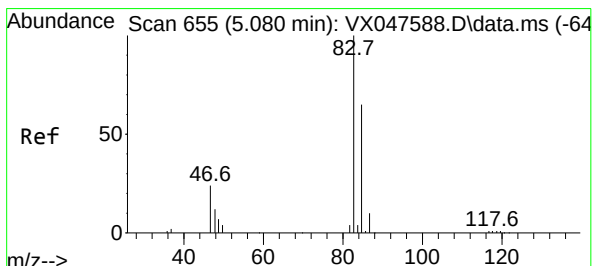
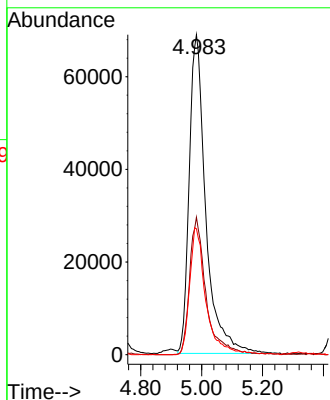
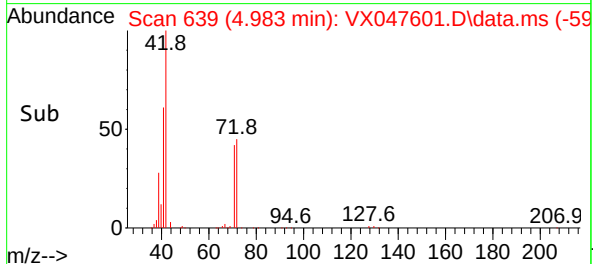
Tgt Ion:	42	Resp:	25928
Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.2	51.2
71	38.9	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#30

Chloroform

Concen: 51.965 ug/l

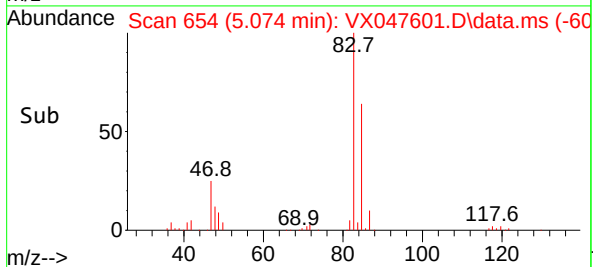
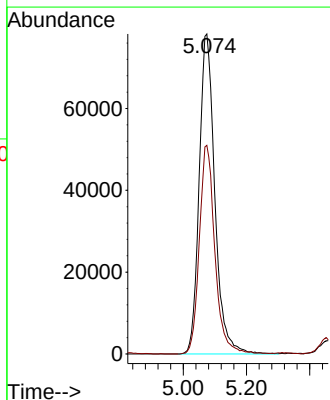
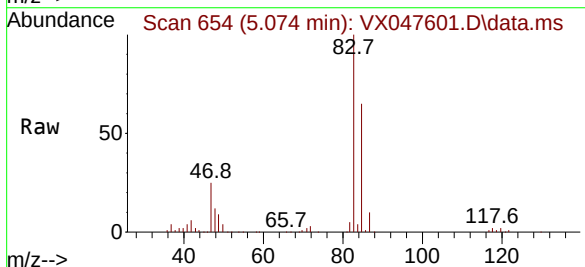
RT: 5.074 min Scan# 654

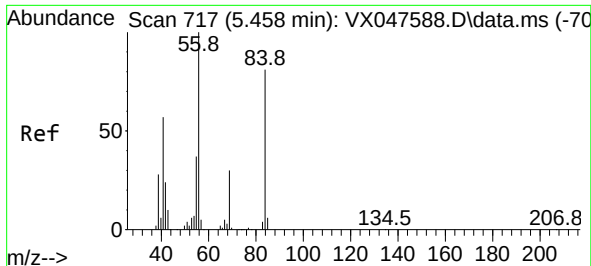
Delta R.T. -0.006 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

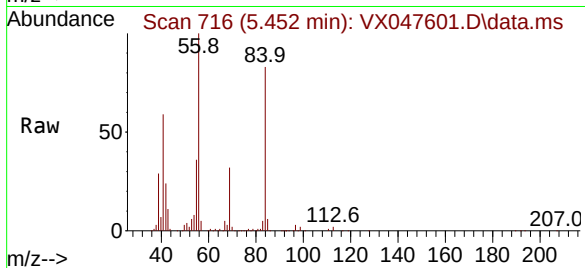
Tgt Ion:	83	Resp:	269634
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.6





#31
Cyclohexane
Concen: 53.460 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

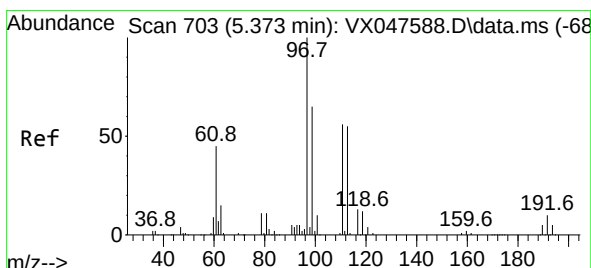
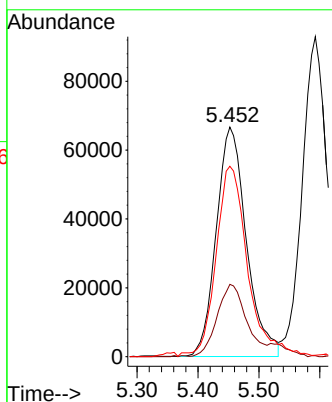
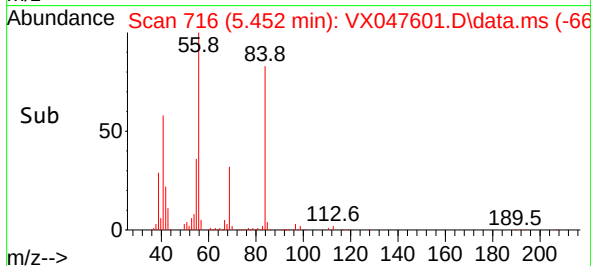
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 228628
Ion Ratio Lower Upper
56 100
69 31.5 23.8 35.8
84 82.9 64.6 97.0

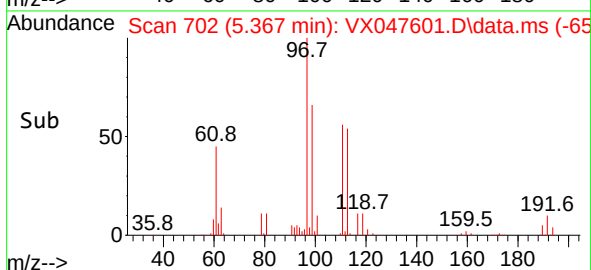
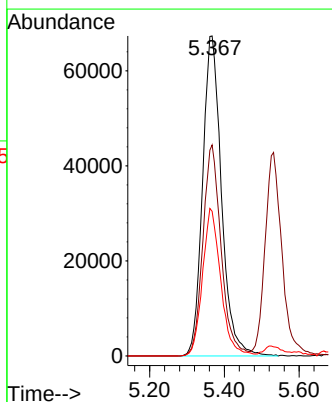
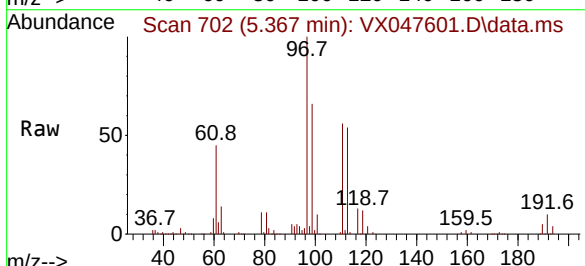
Manual Integrations
APPROVED

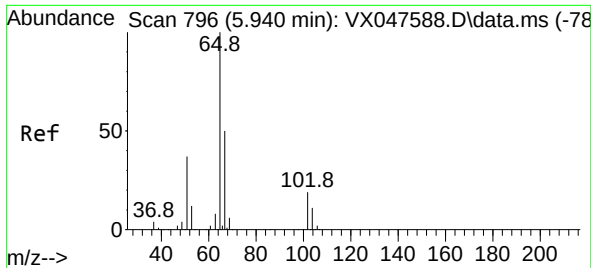
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#32
1,1,1-Trichloroethane
Concen: 53.767 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Tgt Ion: 97 Resp: 236638
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 44.5 35.8 53.8





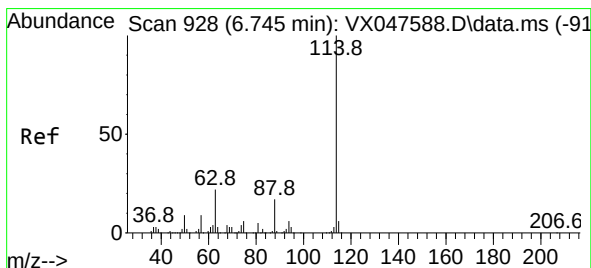
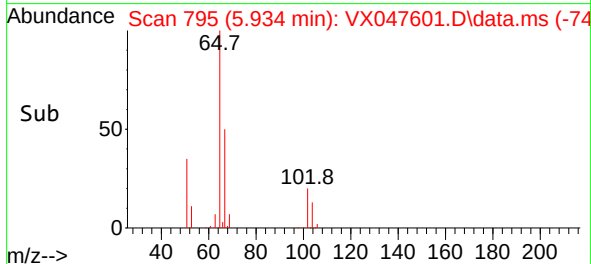
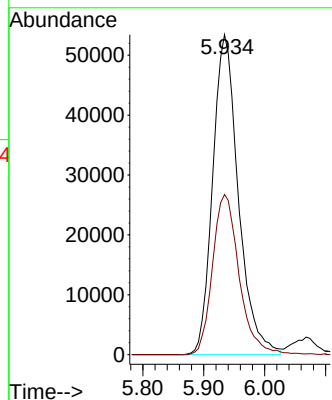
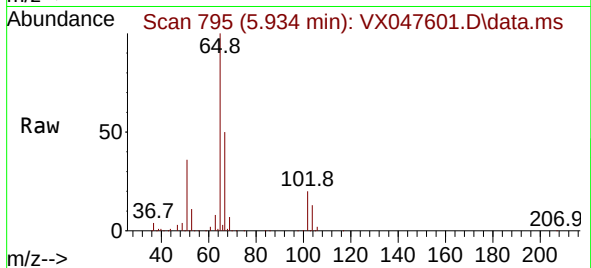
#33
1,2-Dichloroethane-d4
Concen: 48.251 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 156158
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0

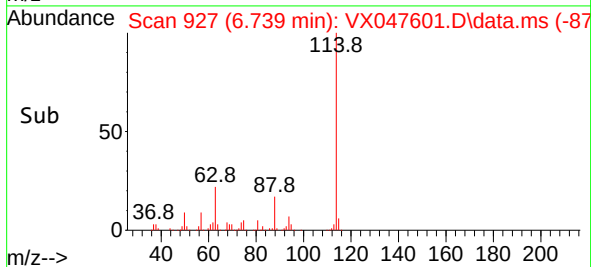
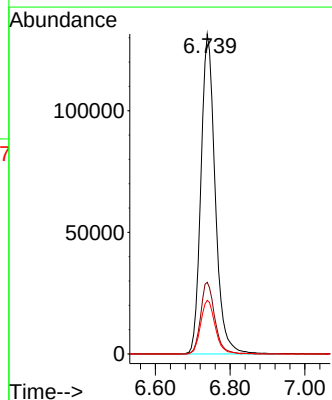
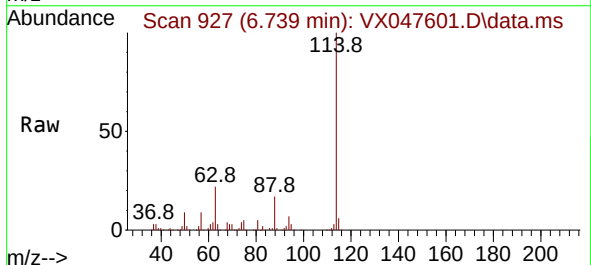
Manual Integrations
APPROVED

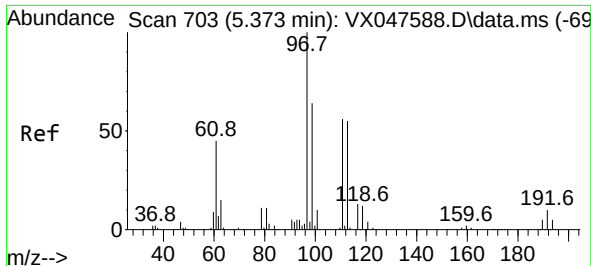
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

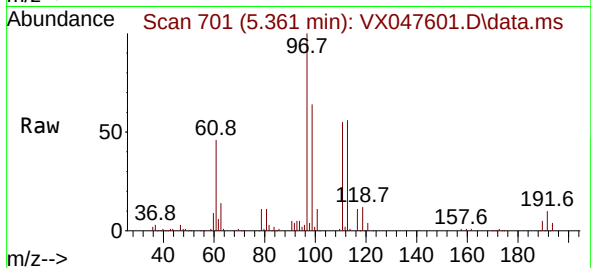
Tgt Ion:114 Resp: 347822
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 16.7 0.0 34.2





#35
Dibromofluoromethane
Concen: 52.444 ug/l
RT: 5.361 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

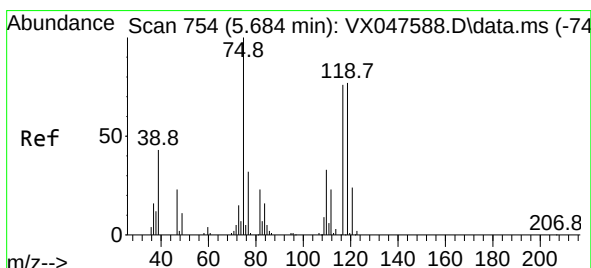
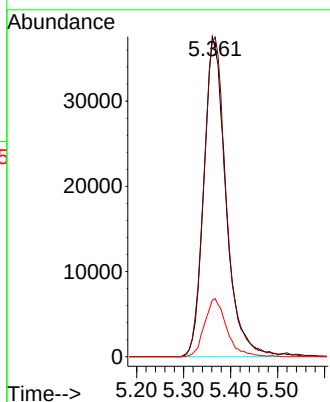
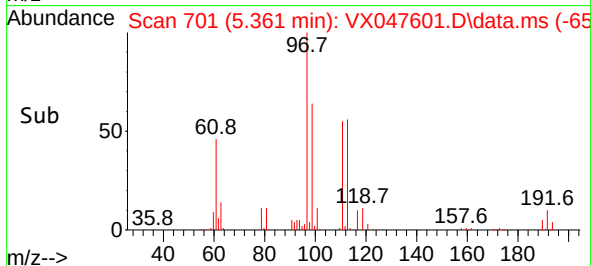
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 122330
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 18.1 14.2 21.4

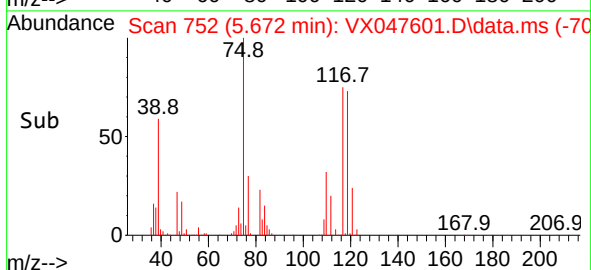
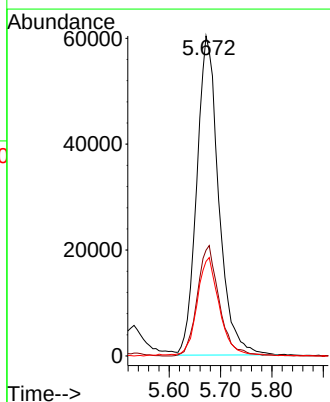
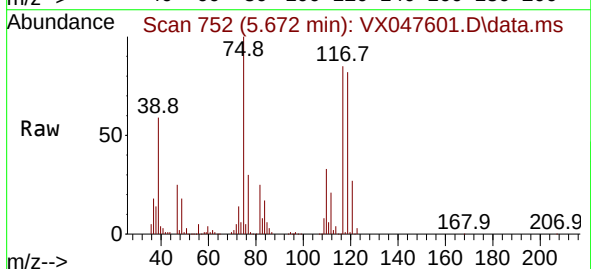
Manual Integrations
APPROVED

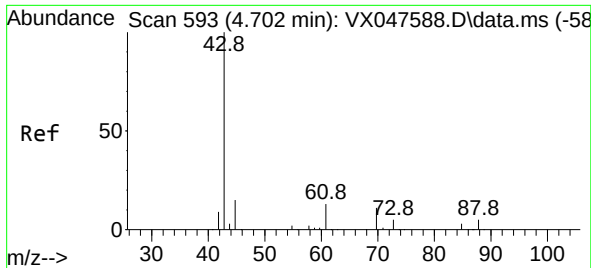
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#36
1,1-Dichloropropene
Concen: 52.533 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Tgt Ion: 75 Resp: 179063
Ion Ratio Lower Upper
75 100
110 34.6 16.7 50.1
77 31.0 24.3 36.5





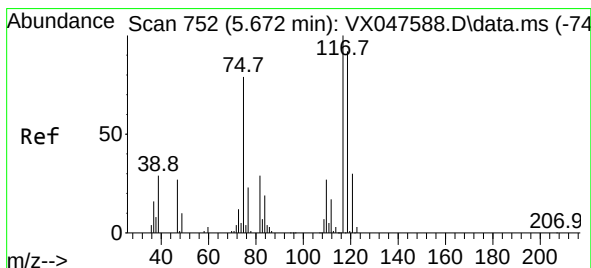
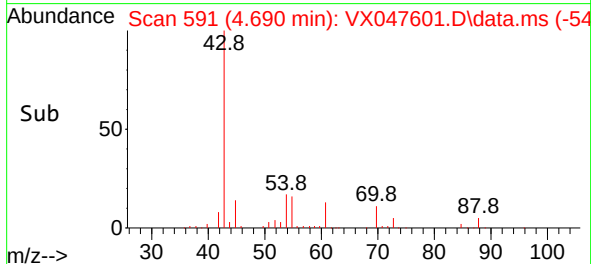
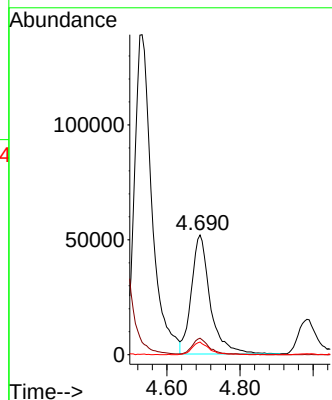
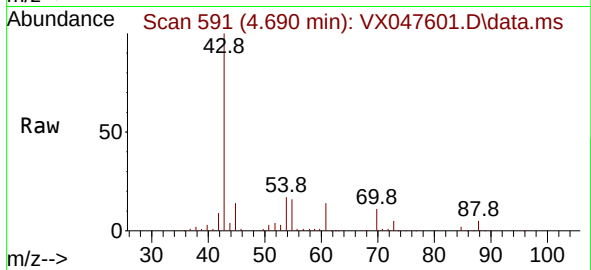
#37
Ethyl Acetate
Concen: 50.738 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.012 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 185174
Ion Ratio Lower Upper
43 100
61 10.9 9.8 14.8
70 9.7 7.9 11.9

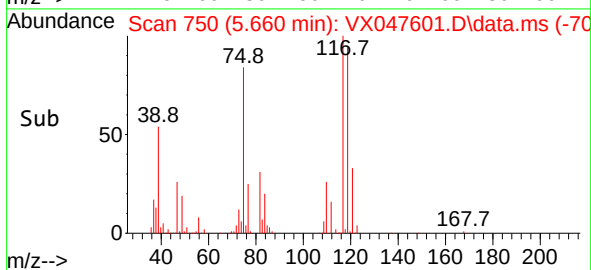
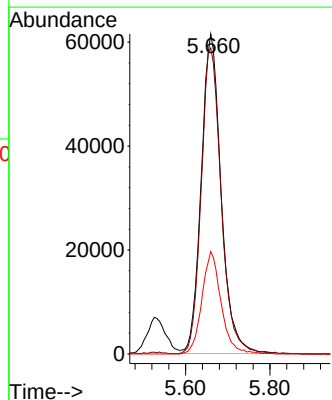
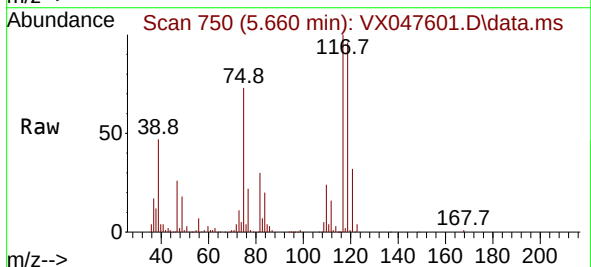
Manual Integrations
APPROVED

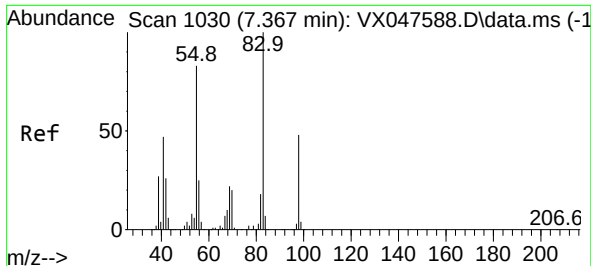
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#38
Carbon Tetrachloride
Concen: 54.553 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

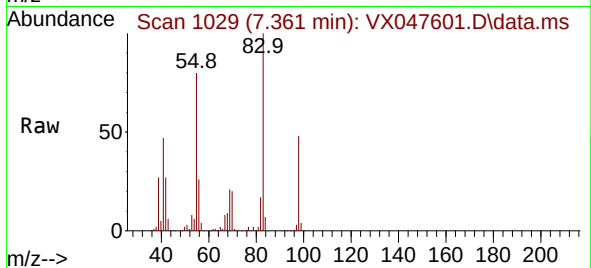
Tgt Ion:117 Resp: 202037
Ion Ratio Lower Upper
117 100
119 95.6 73.4 110.2
121 32.1 23.8 35.6





#39
Methylcyclohexane
Concen: 58.054 ug/l
RT: 7.361 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

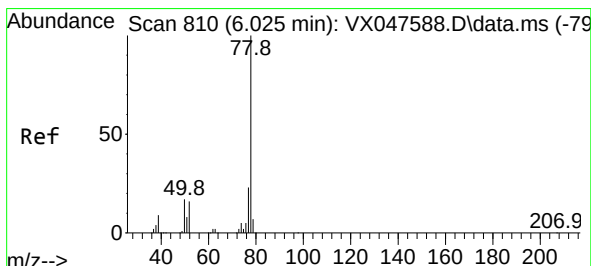
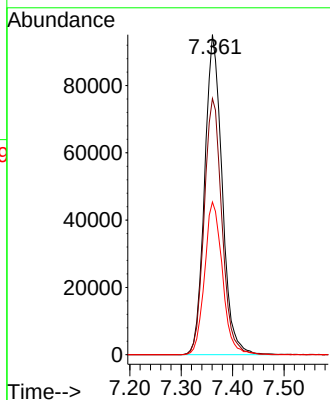
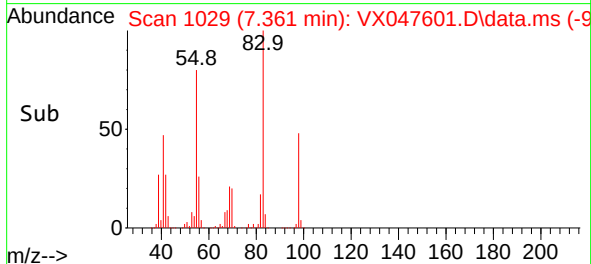
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 224624
Ion Ratio Lower Upper
83 100
55 80.1 66.4 99.6
98 47.7 38.1 57.1

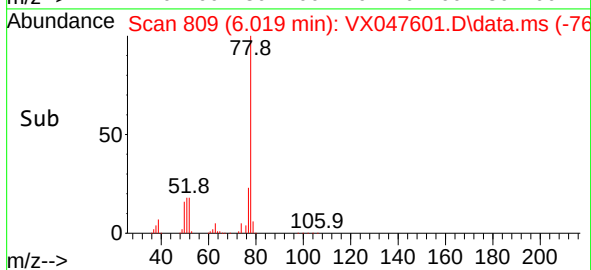
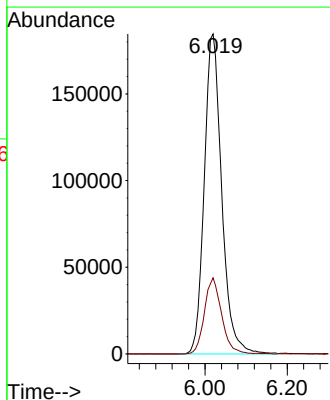
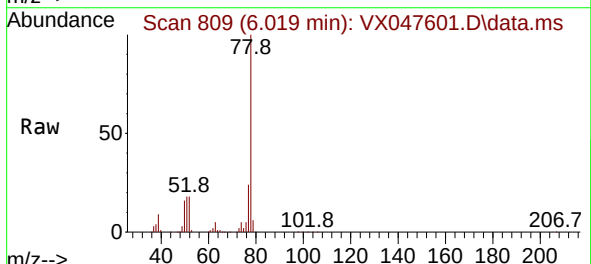
Manual Integrations
APPROVED

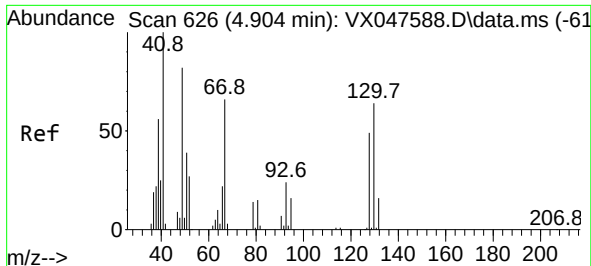
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#40
Benzene
Concen: 52.544 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

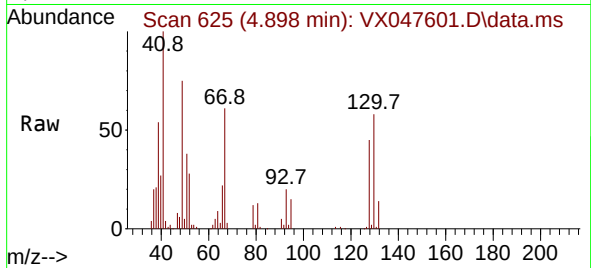
Tgt Ion: 78 Resp: 543983
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2





#41
Methacrylonitrile
Concen: 51.658 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

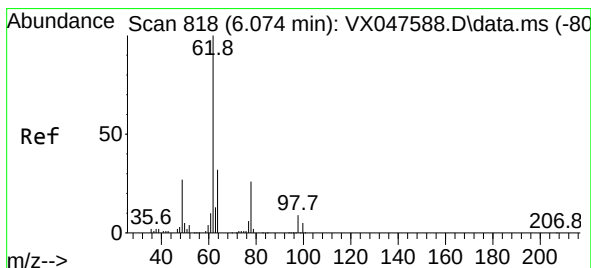
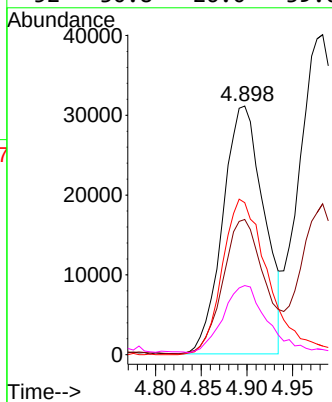
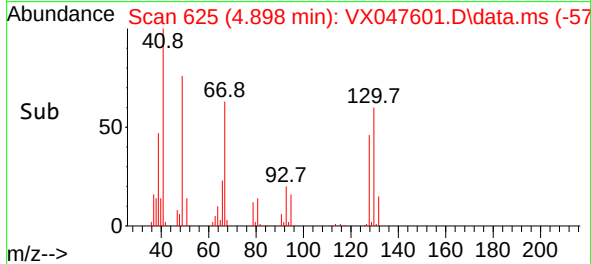
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 97332
Ion Ratio Lower Upper
41 100
39 55.6 43.3 64.9
67 72.4 58.6 87.8
52 30.8 26.0 39.0

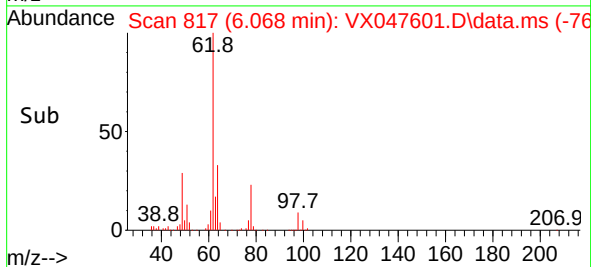
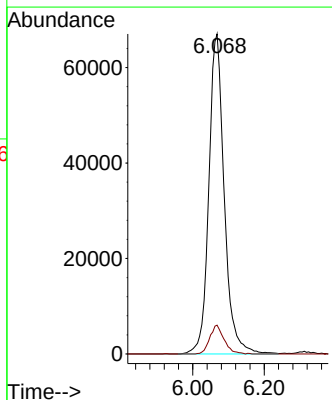
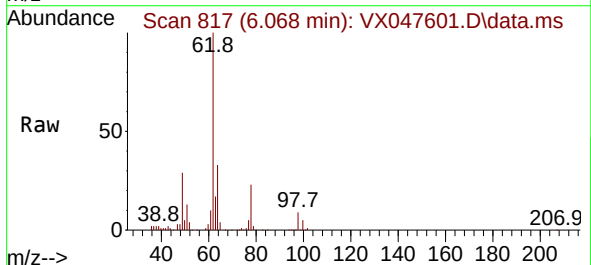
Manual Integrations
APPROVED

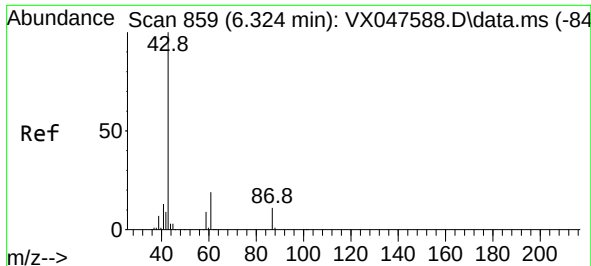
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#42
1,2-Dichloroethane
Concen: 50.968 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

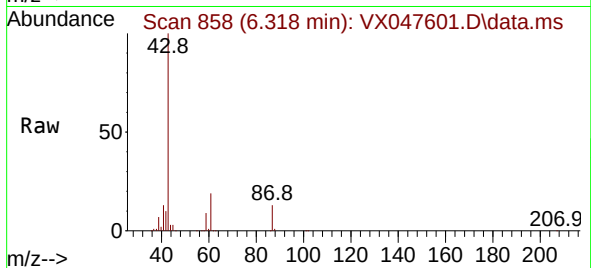
Tgt Ion: 62 Resp: 200768
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.0





#43
Isopropyl Acetate
Concen: 50.484 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

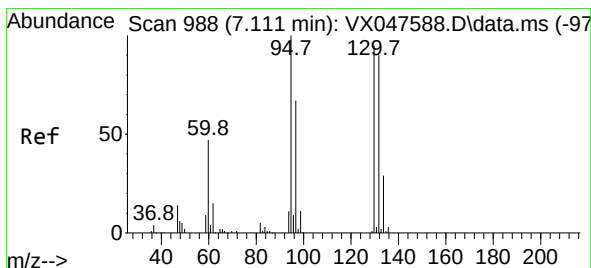
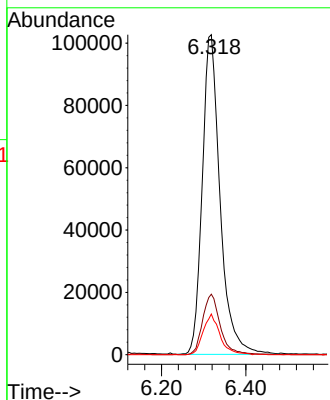
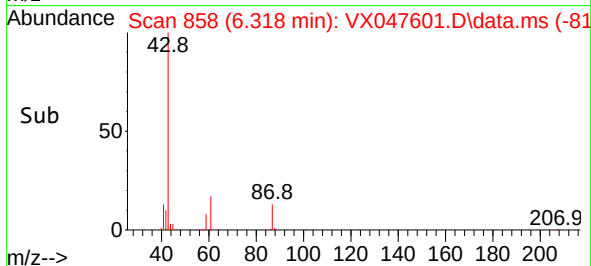
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 302179
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.0 9.6 14.4

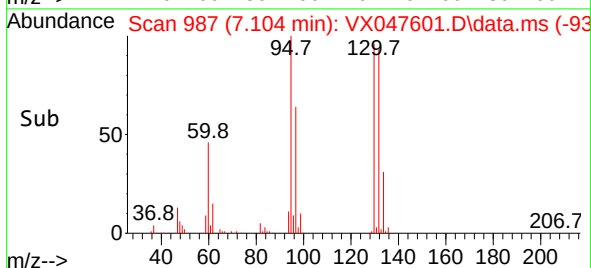
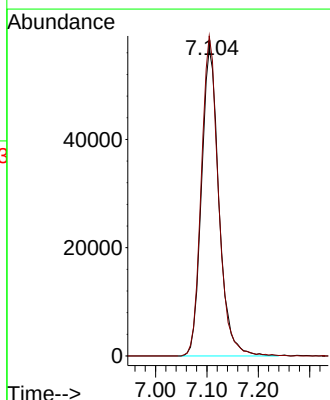
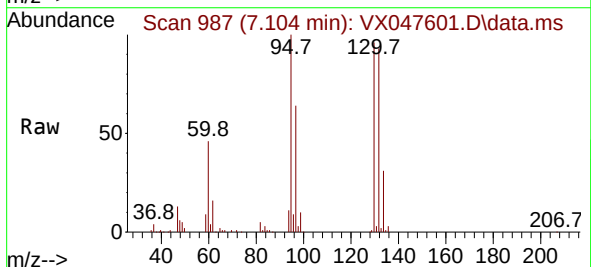
Manual Integrations
APPROVED

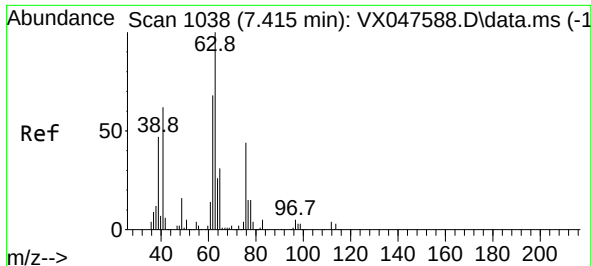
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#44
Trichloroethene
Concen: 53.660 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Tgt Ion:130 Resp: 134308
Ion Ratio Lower Upper
130 100
95 104.1 0.0 210.8





#45

1,2-Dichloropropane

Concen: 52.025 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13791

Ion Ratio Lower Upper

63 100

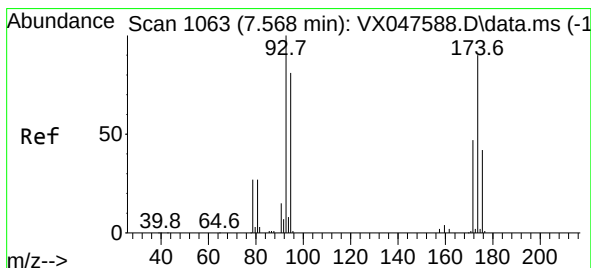
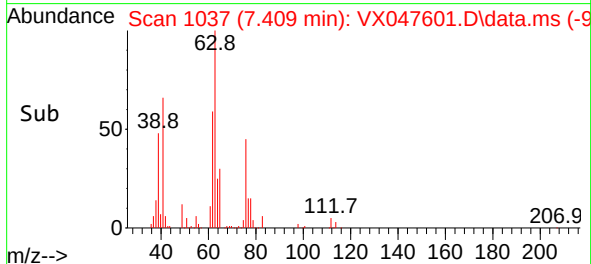
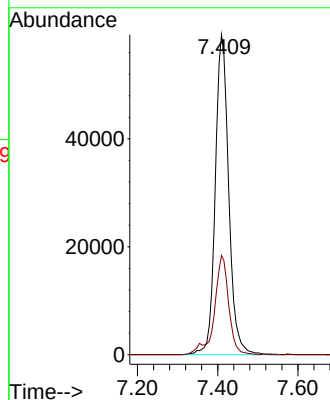
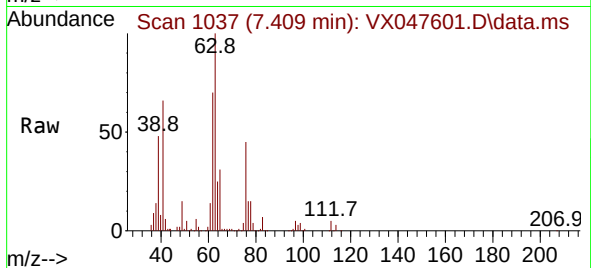
65 31.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#46

Dibromomethane

Concen: 50.718 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

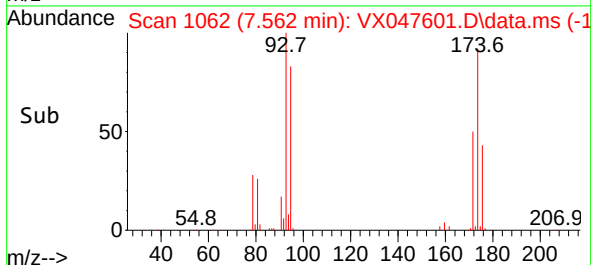
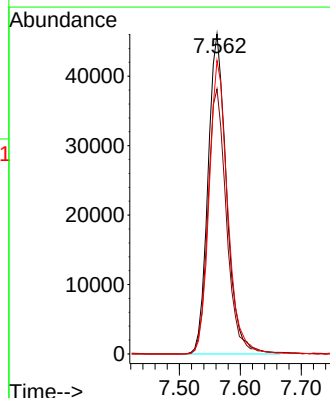
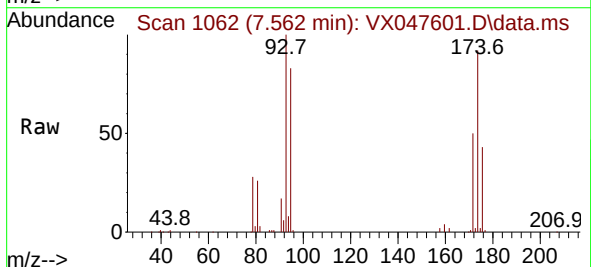
Tgt Ion: 93 Resp: 97841

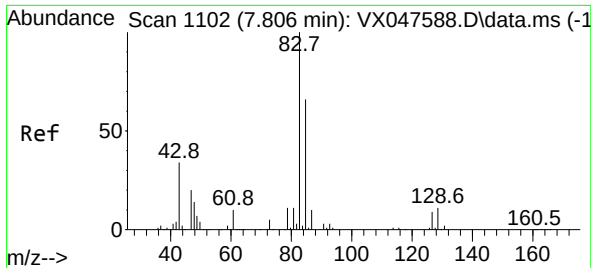
Ion Ratio Lower Upper

93 100

95 82.9 65.0 97.6

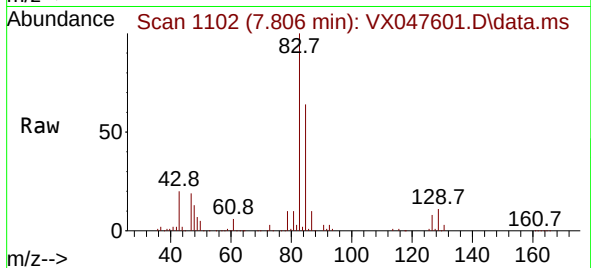
174 91.4 71.6 107.4





#47
Bromodichloromethane
Concen: 52.844 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

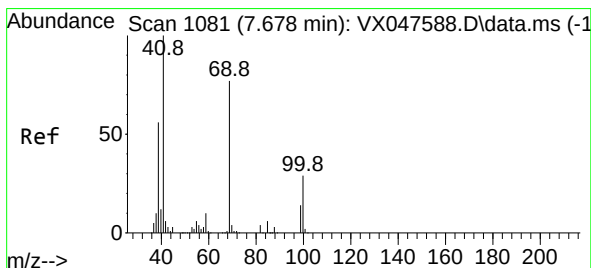
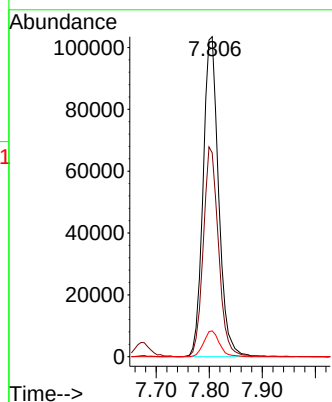
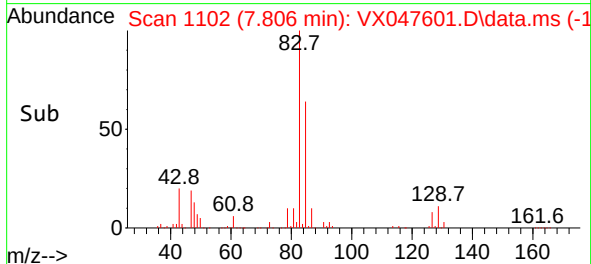
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 21036
Ion Ratio Lower Upper
83 100
85 63.7 52.5 78.7
127 8.1 6.9 10.3

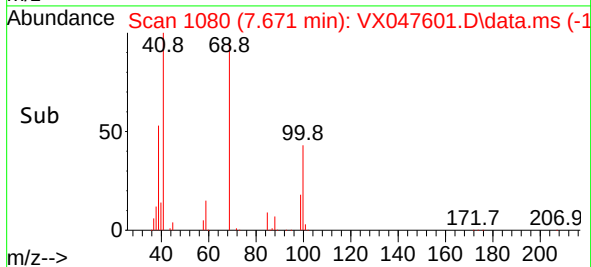
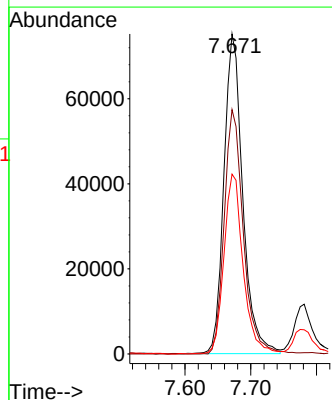
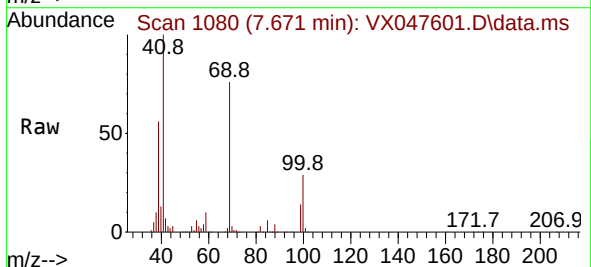
Manual Integrations
APPROVED

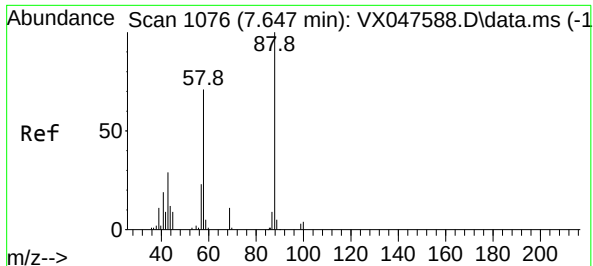
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#48
Methyl methacrylate
Concen: 50.209 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Tgt Ion: 41 Resp: 149698
Ion Ratio Lower Upper
41 100
69 77.6 61.4 92.2
39 57.2 45.8 68.6





#49

1,4-Dioxane

Concen: 1076.055 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

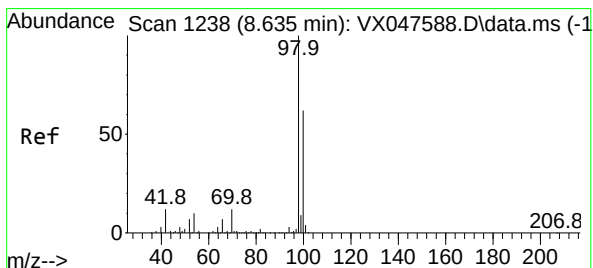
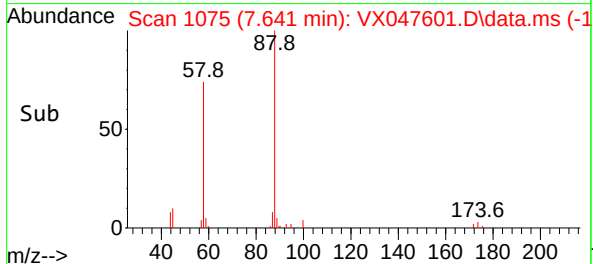
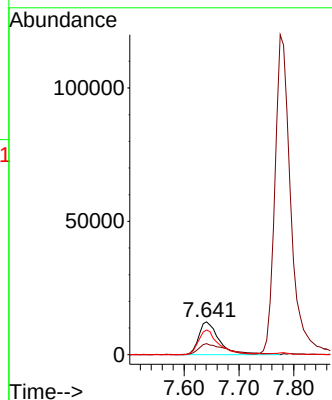
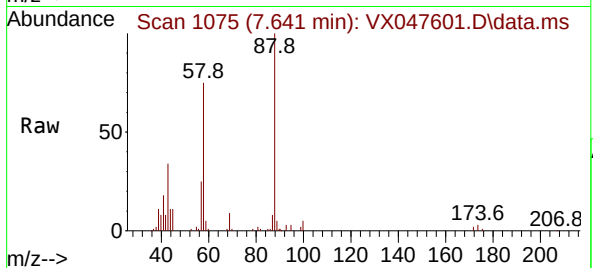
Tgt Ion:	88	Resp:	3242
Ion	Ratio	Lower	Upper
88	100		
43	41.9	30.2	45.2
58	74.7	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#50

Toluene-d8

Concen: 51.305 ug/l

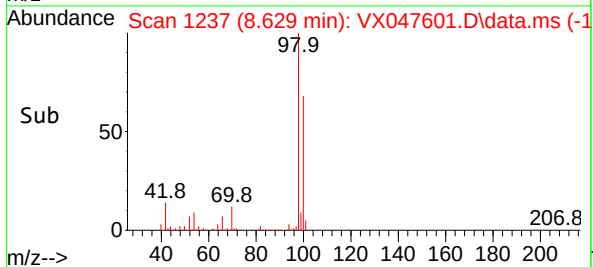
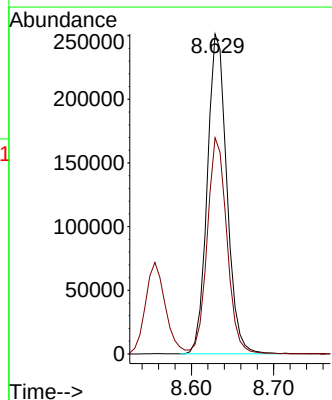
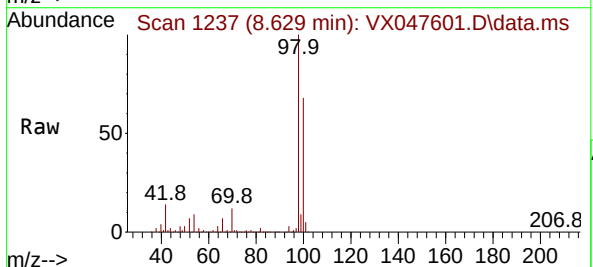
RT: 8.629 min Scan# 1237

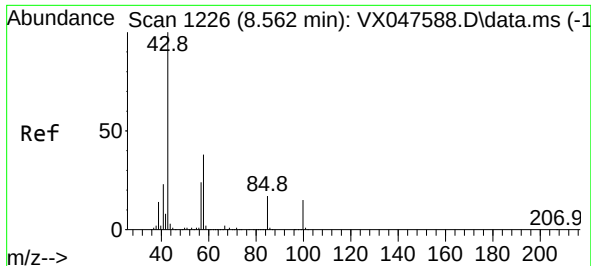
Delta R.T. -0.006 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

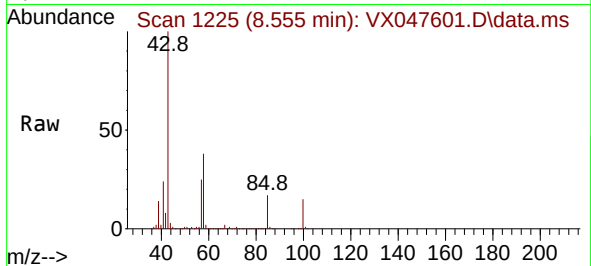
Tgt Ion:	98	Resp:	414115
Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 252.257 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

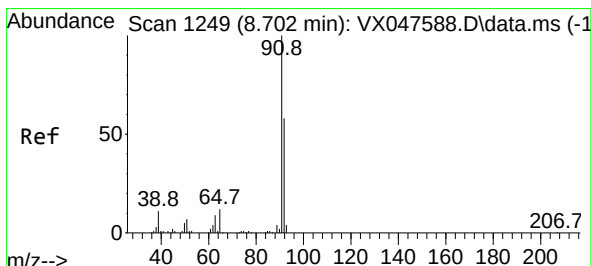
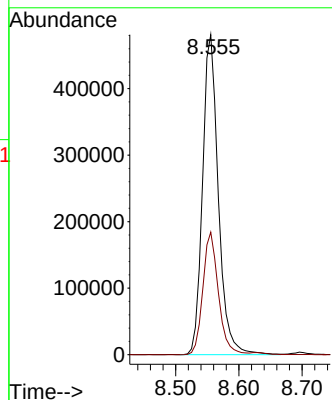
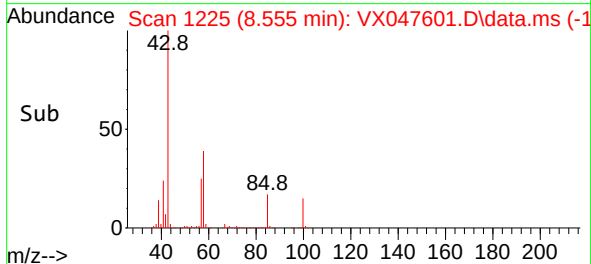
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 83716
Ion Ratio Lower Upper
43 100
58 37.6 30.3 45.5

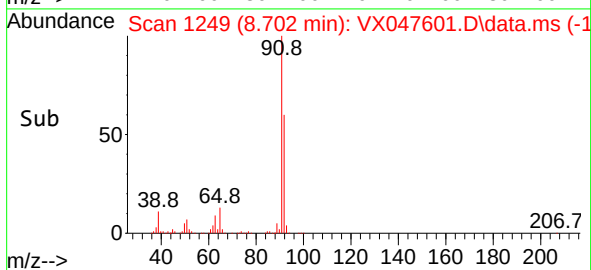
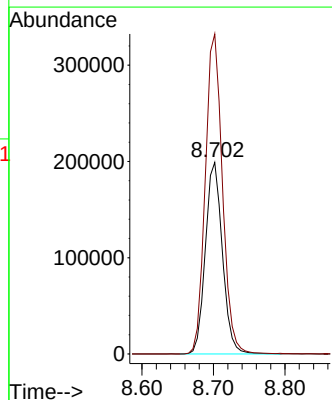
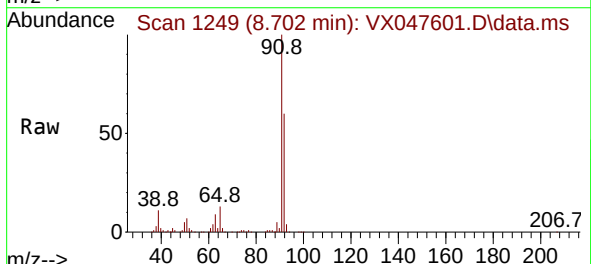
Manual Integrations
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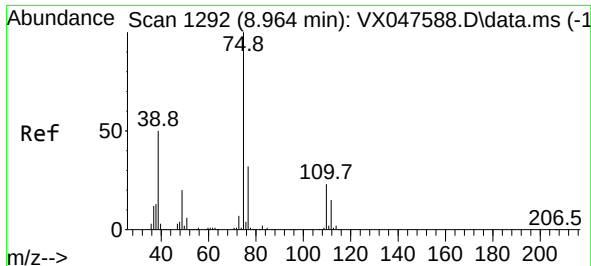
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
Toluene
Concen: 51.549 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Tgt Ion: 92 Resp: 328796
Ion Ratio Lower Upper
92 100
91 168.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 51.714 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 20998

Ion Ratio Lower Upper

75 100

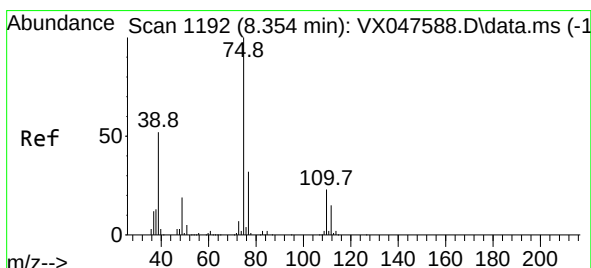
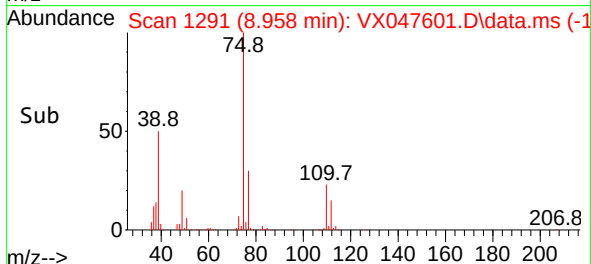
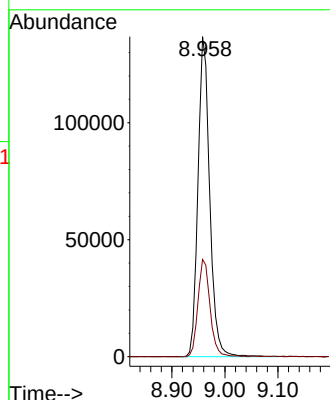
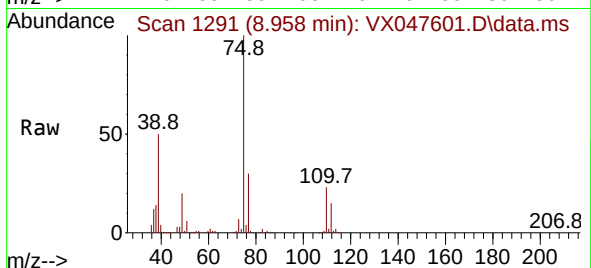
77 30.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#54

cis-1,3-Dichloropropene

Concen: 52.078 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

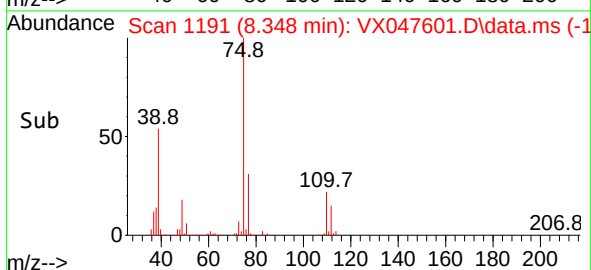
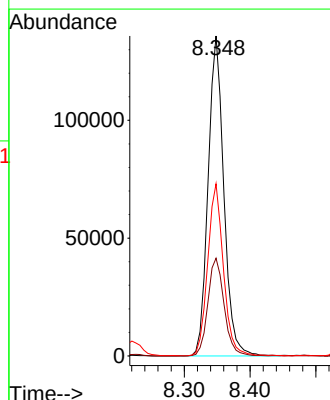
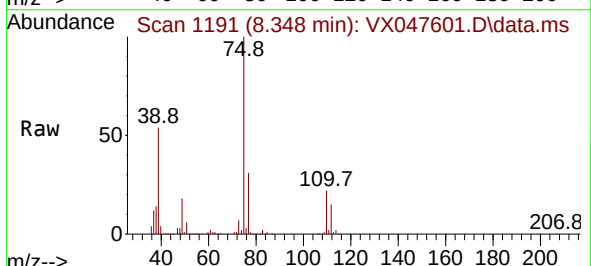
Tgt Ion: 75 Resp: 226019

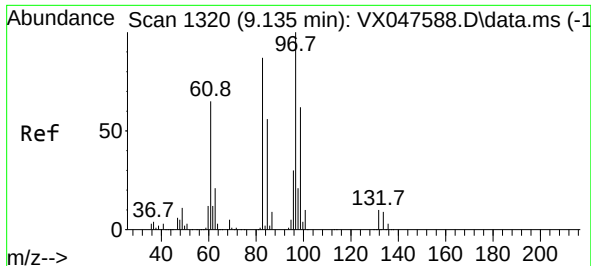
Ion Ratio Lower Upper

75 100

77 30.5 25.8 38.6

39 53.7 41.4 62.2





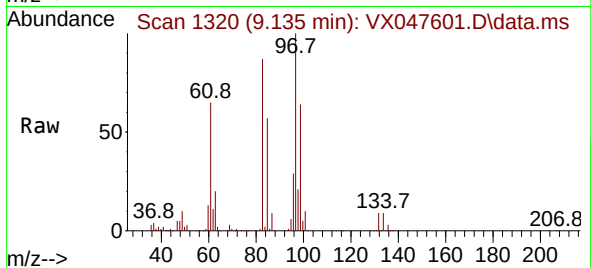
#55
1,1,2-Trichloroethane
Concen: 50.100 ug/l
RT: 9.135 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



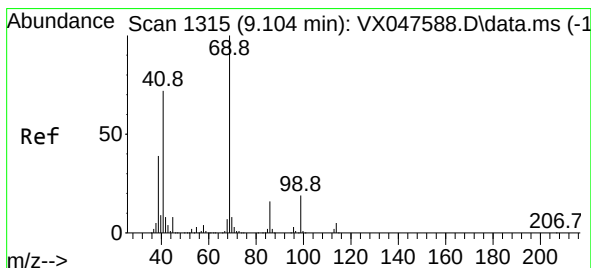
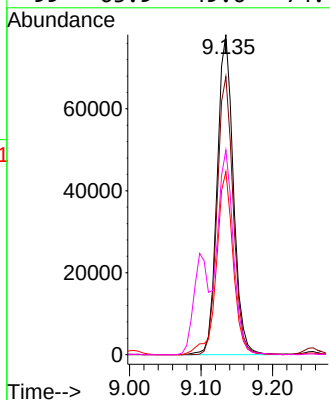
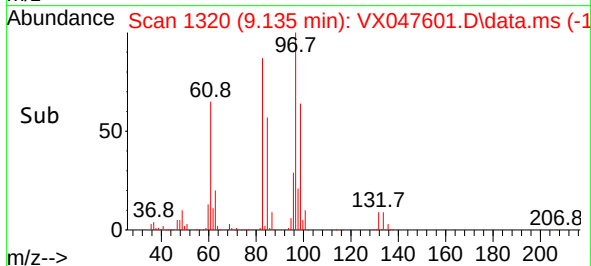
Tgt Ion:	97	Resp:	123219
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.6	104.4
85	57.2	45.0	67.6
99	63.9	49.6	74.4

Manual Integrations

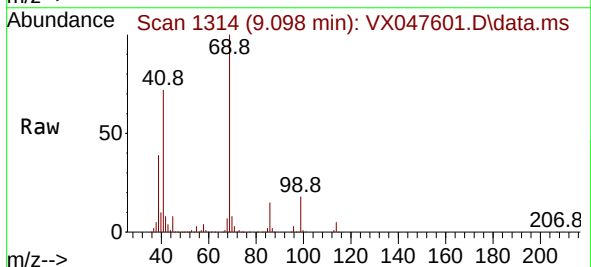
APPROVED

Reviewed By :John Carlone 09/18/2025

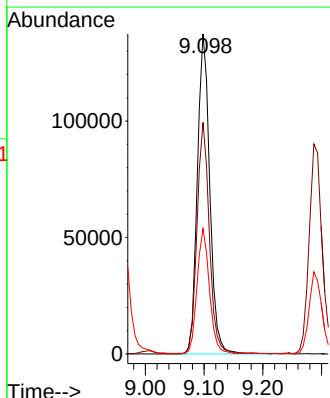
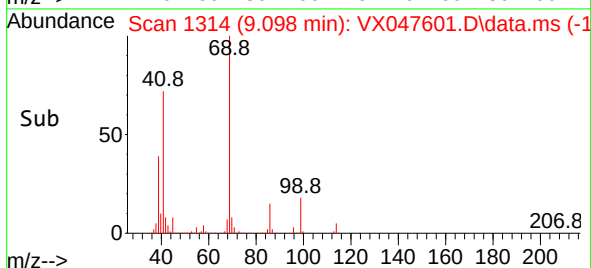
Supervised By :Mahesh Dadoda 09/18/2025

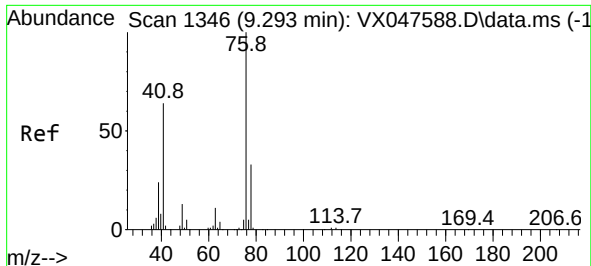


#56
Ethyl methacrylate
Concen: 52.281 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51



Tgt Ion:	69	Resp:	201937
Ion	Ratio	Lower	Upper
69	100		
41	71.6	58.6	87.8
39	38.7	31.5	47.3





#57

1,3-Dichloropropane

Concen: 51.047 ug/l

RT: 9.287 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 21566

Ion Ratio Lower Upper

76 100

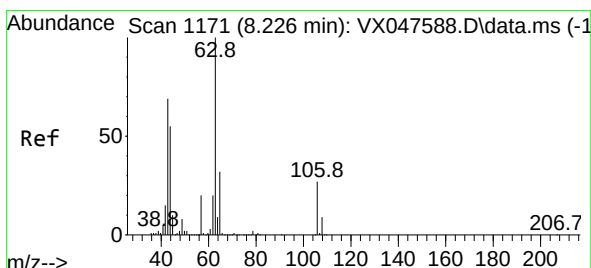
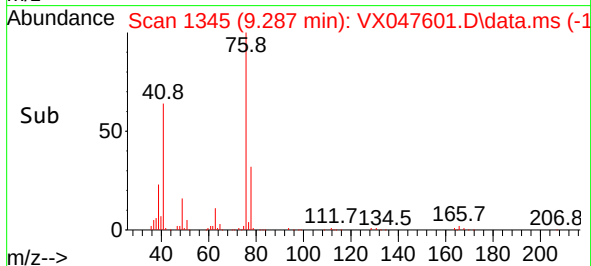
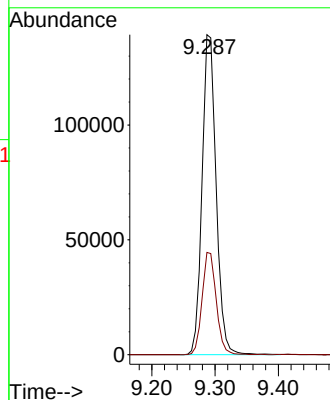
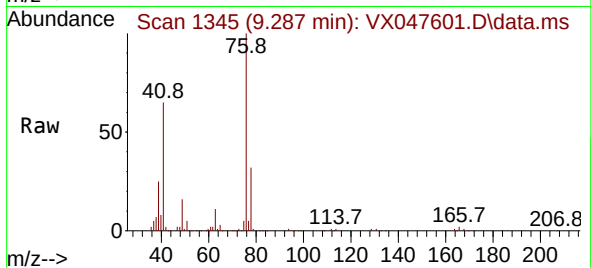
78 32.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 261.994 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX047601.D

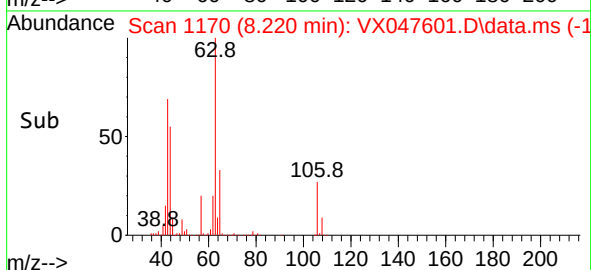
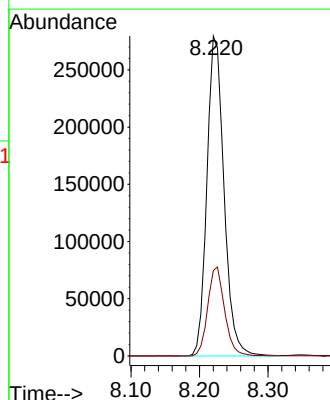
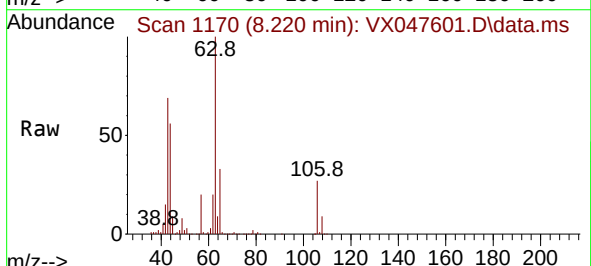
Acq: 17 Sep 2025 08:51

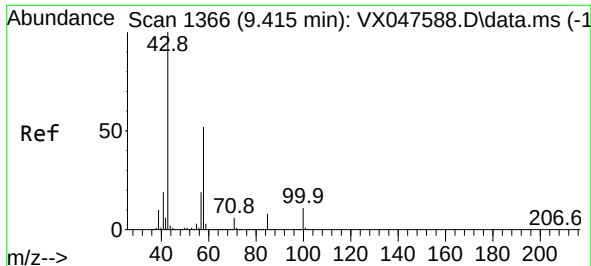
Tgt Ion: 63 Resp: 485057

Ion Ratio Lower Upper

63 100

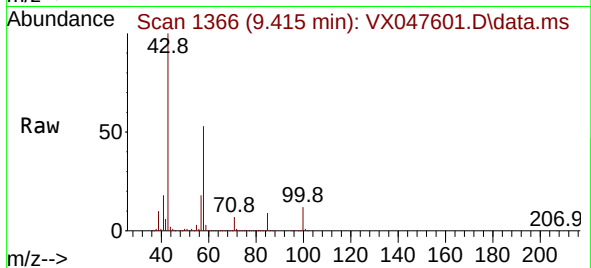
106 27.5 21.9 32.9





#59
2-Hexanone
Concen: 249.728 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

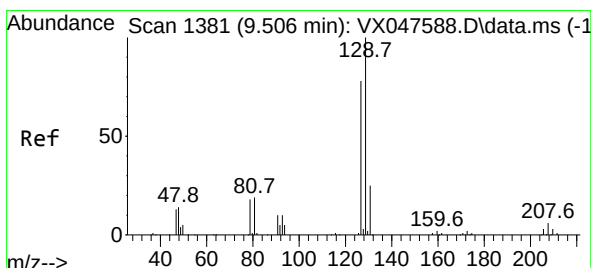
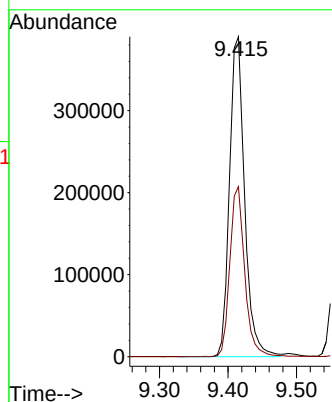
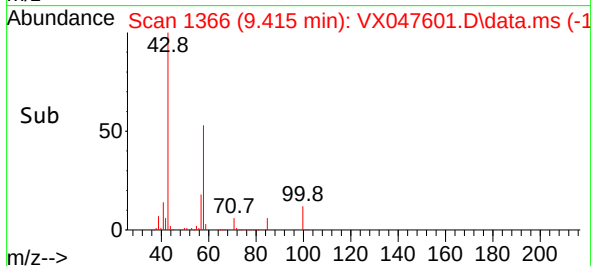
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 595228
Ion Ratio Lower Upper
43 100
58 52.6 26.1 78.2

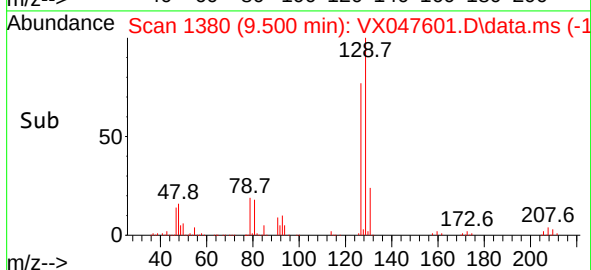
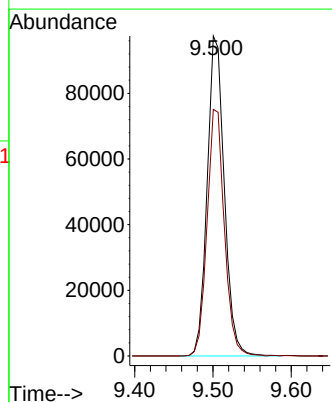
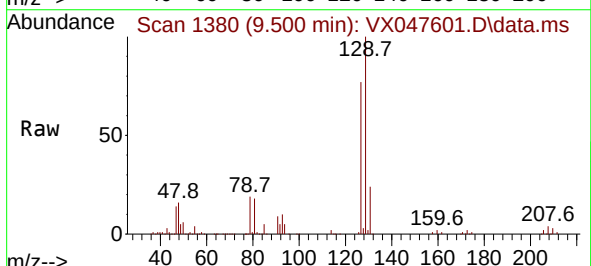
Manual Integrations
APPROVED

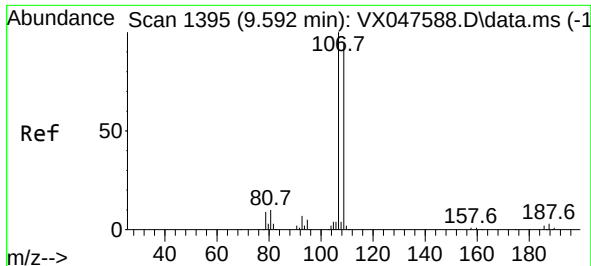
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#60
Dibromochloromethane
Concen: 52.158 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

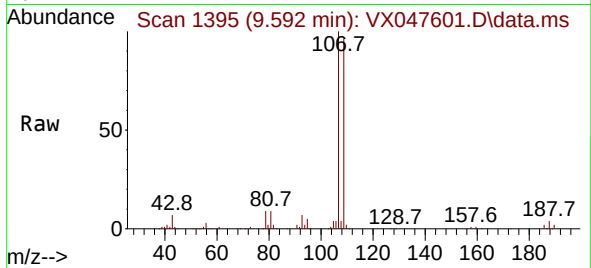
Tgt Ion:129 Resp: 147809
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





#61
1,2-Dibromoethane
Concen: 50.826 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

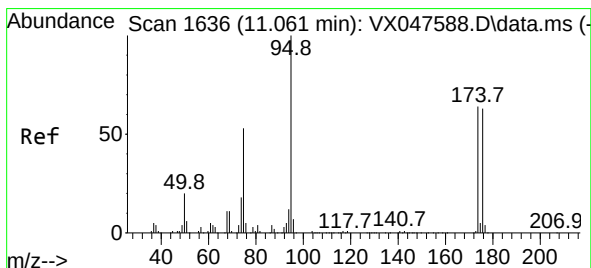
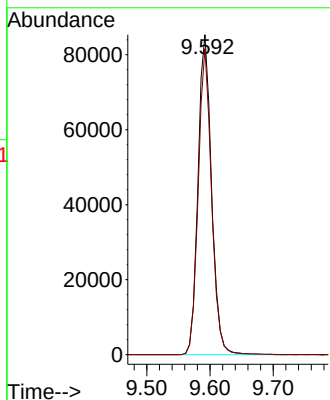
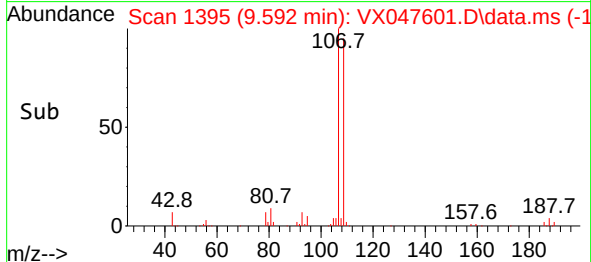
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



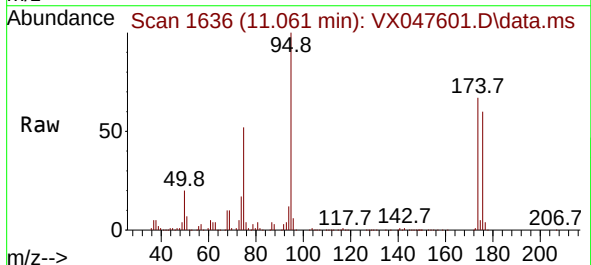
Tgt Ion:107 Resp: 12732
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9

Manual Integrations
APPROVED

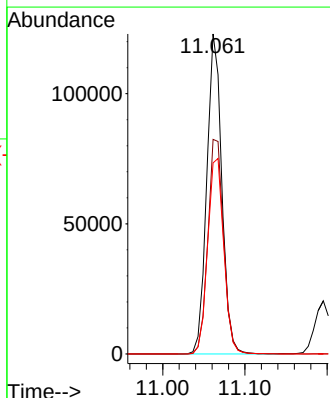
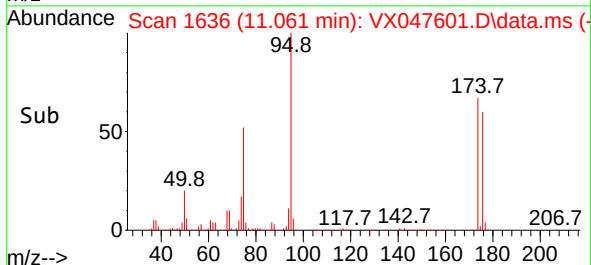
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

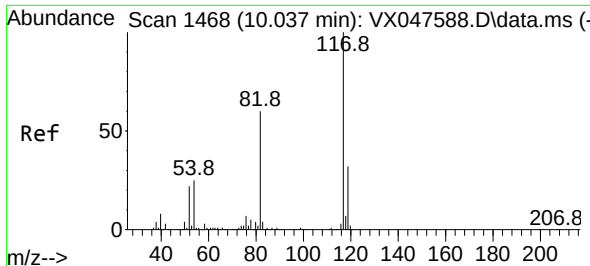


#62
4-Bromofluorobenzene
Concen: 50.857 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51



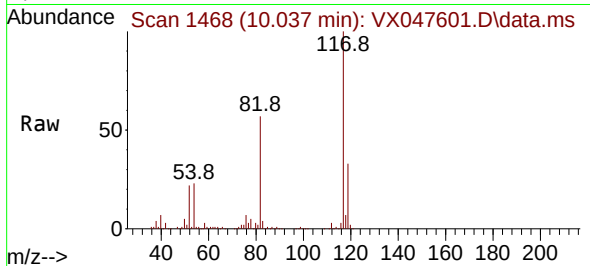
Tgt Ion: 95 Resp: 155790
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.6
176 65.6 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

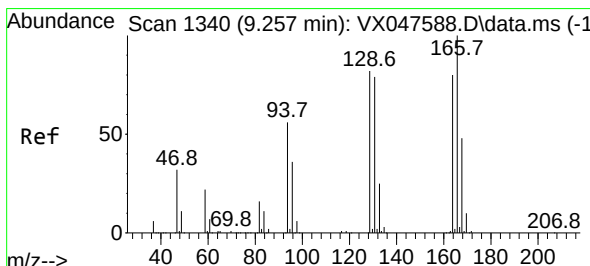
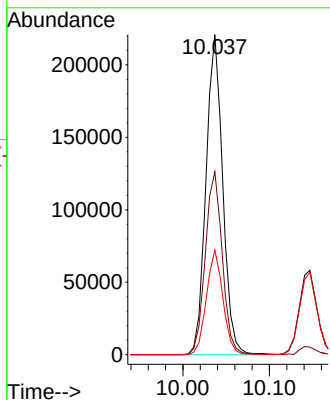
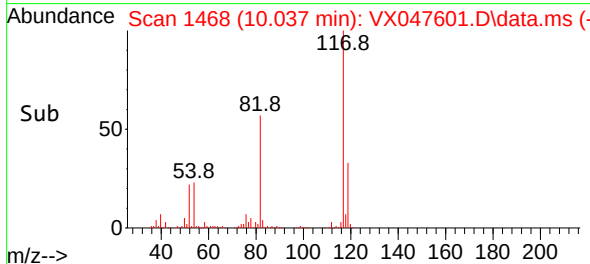
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 296232
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.6
119 32.7 25.2 37.8

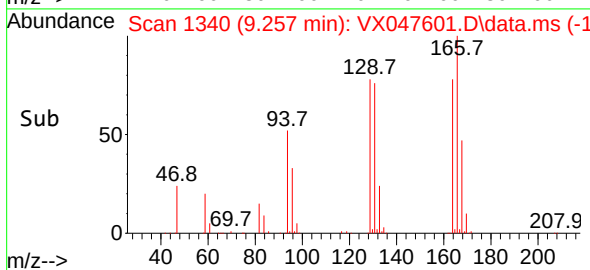
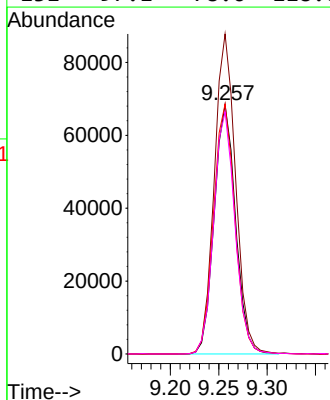
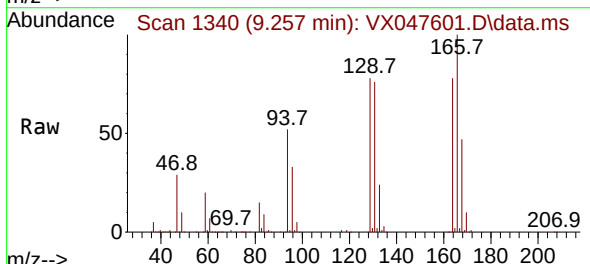
Manual Integrations
APPROVED

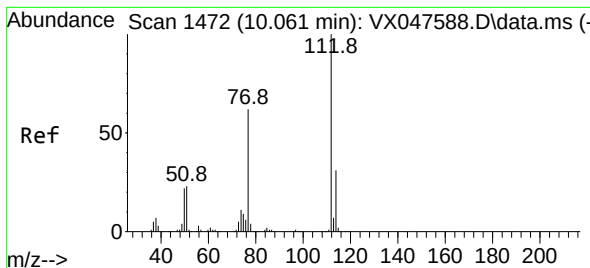
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#64
Tetrachloroethene
Concen: 54.187 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Tgt Ion:164 Resp: 104642
Ion Ratio Lower Upper
164 100
166 128.3 100.2 150.2
129 100.2 81.8 122.6
131 97.1 78.6 118.0





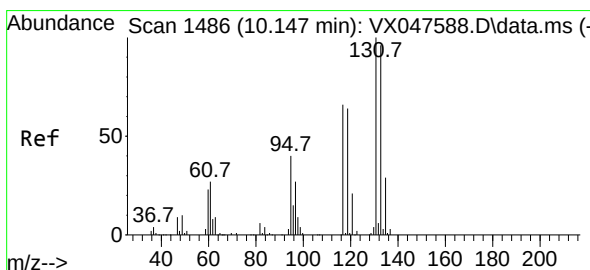
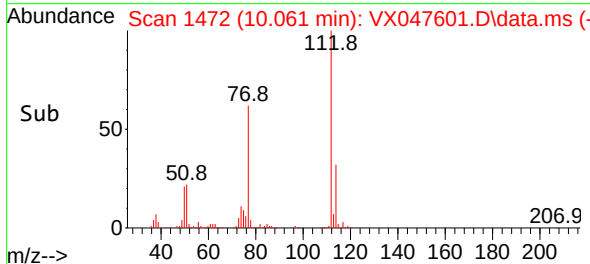
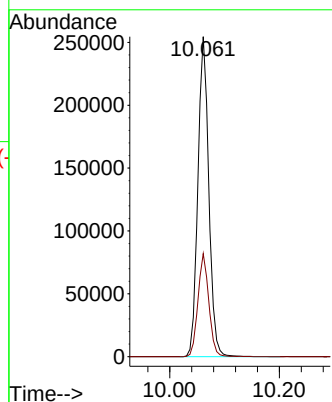
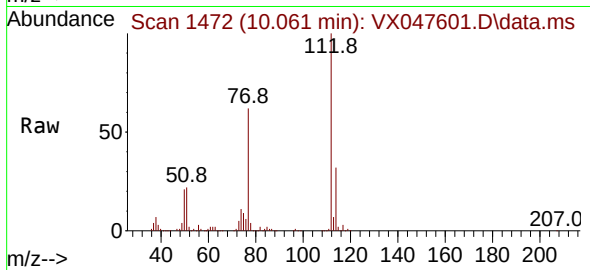
#65
Chlorobenzene
Concen: 52.495 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 353279
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

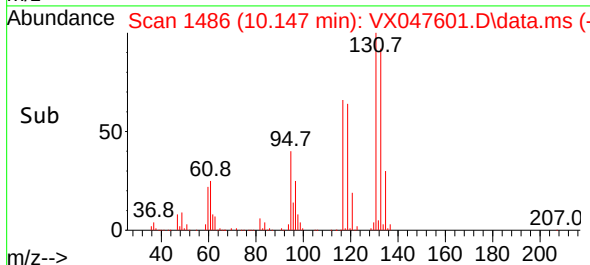
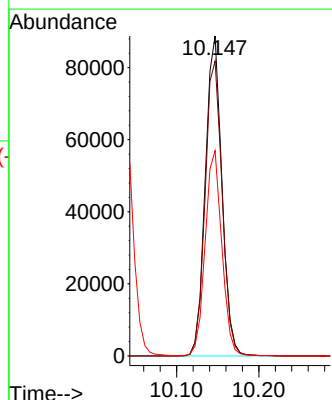
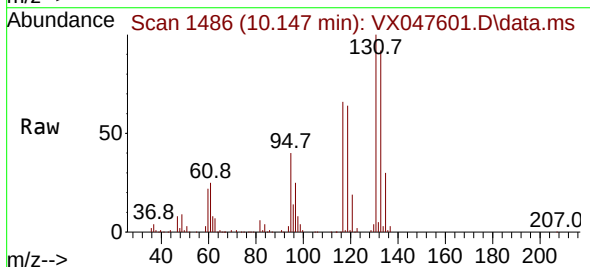
Manual Integrations
APPROVED

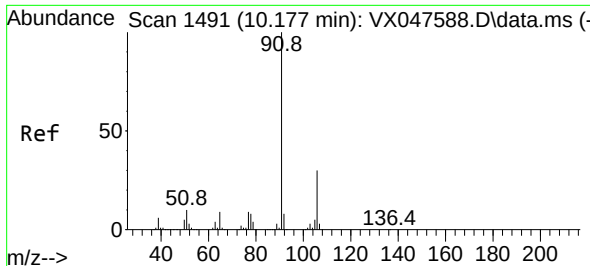
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.589 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Tgt Ion:131 Resp: 124449
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 64.6 32.0 96.0





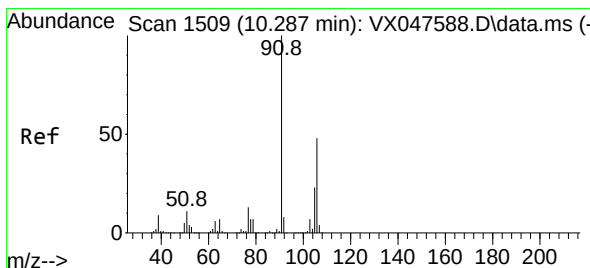
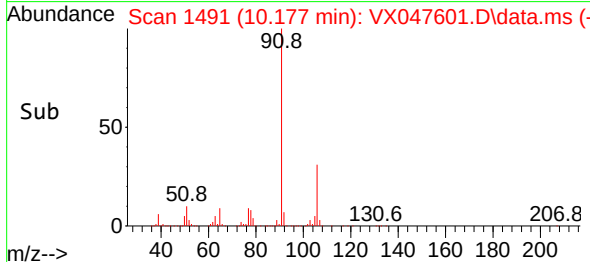
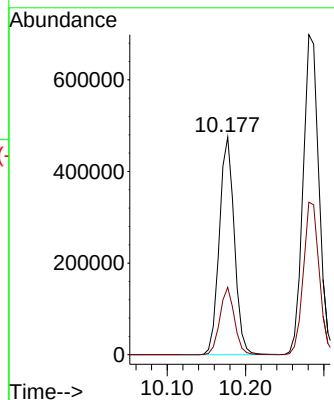
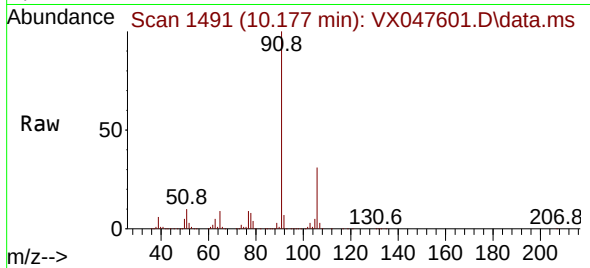
#67
Ethyl Benzene
Concen: 54.505 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 632900
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

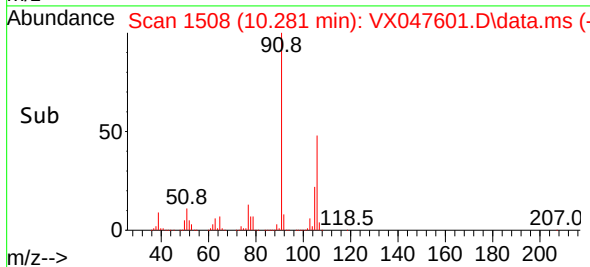
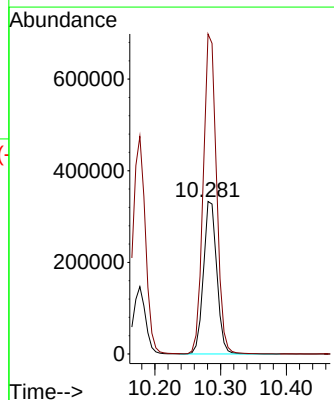
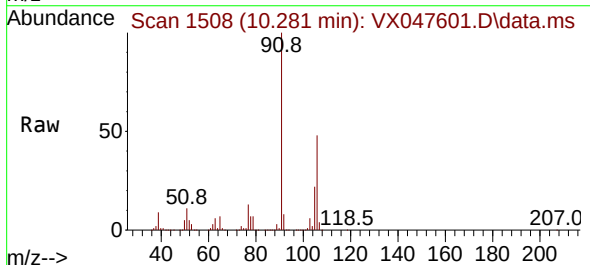
Manual Integrations
APPROVED

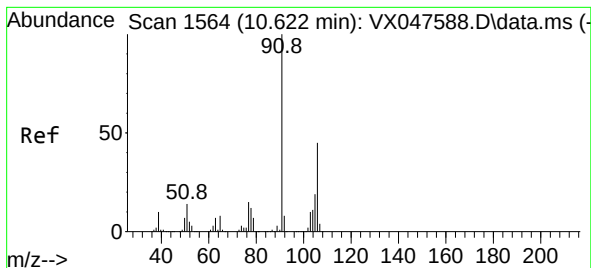
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#68
m/p-Xylenes
Concen: 108.664 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Tgt Ion:106 Resp: 469648
Ion Ratio Lower Upper
106 100
91 209.4 167.8 251.8





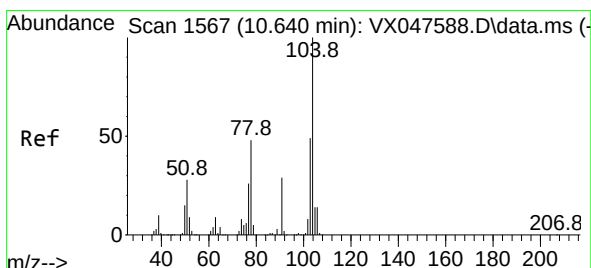
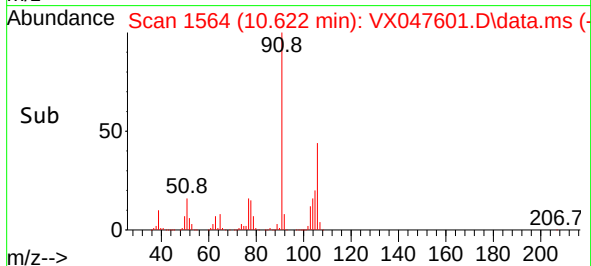
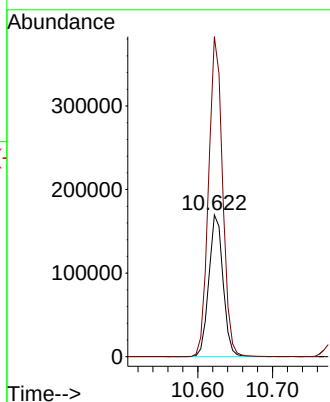
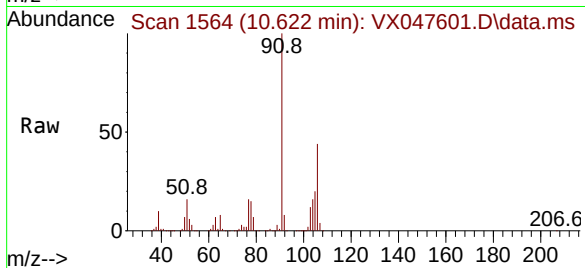
#69
o-Xylene
Concen: 53.647 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 224268
Ion Ratio Lower Upper
106 100
91 222.7 111.1 333.4

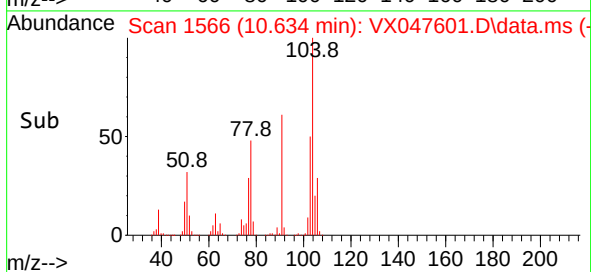
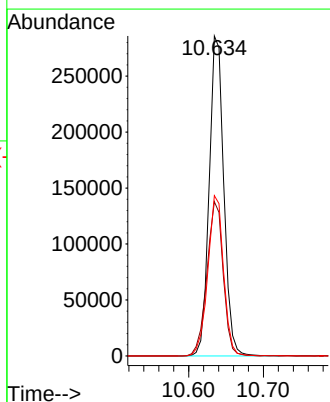
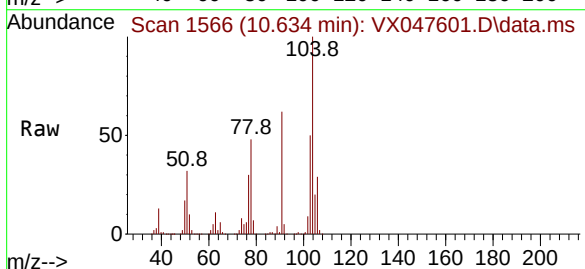
Manual Integrations
APPROVED

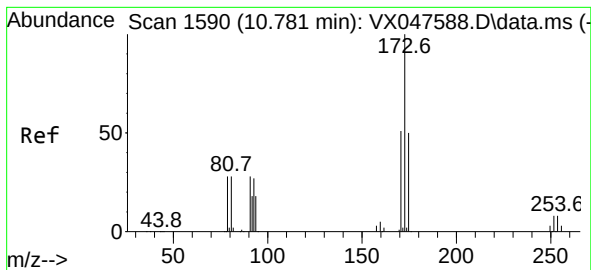
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#70
Styrene
Concen: 53.018 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

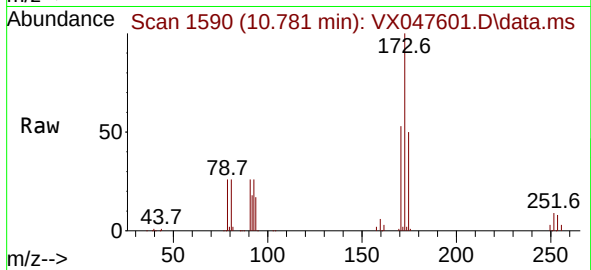
Tgt Ion:104 Resp: 388352
Ion Ratio Lower Upper
104 100
78 53.7 43.1 64.7
103 54.0 43.1 64.7





#71
Bromoform
Concen: 53.344 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

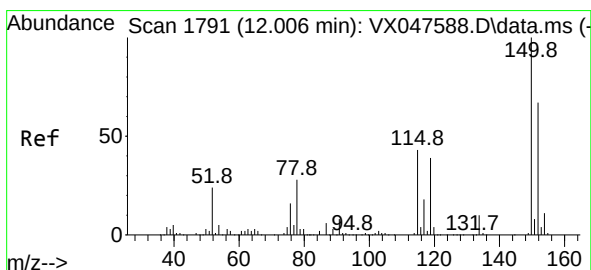
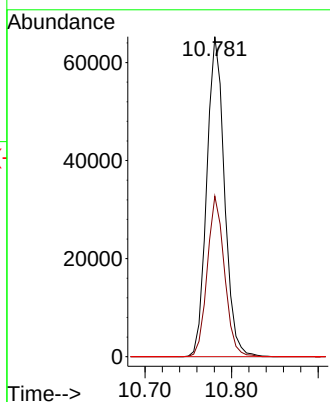
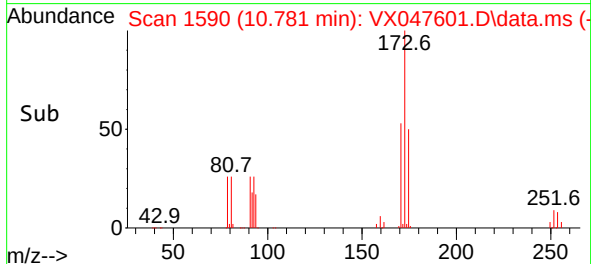
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



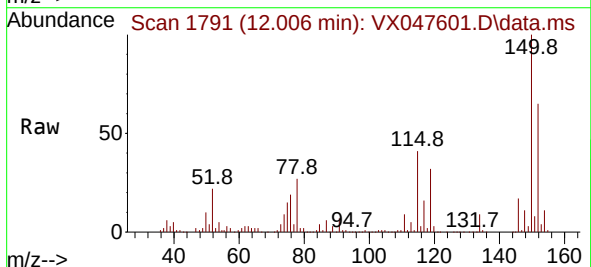
Tgt Ion:173 Resp: 92500
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

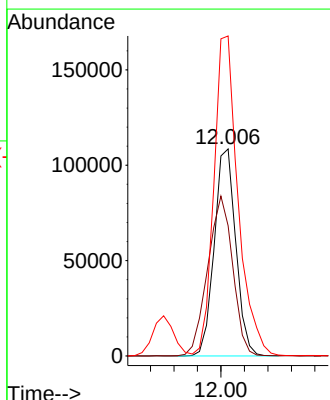
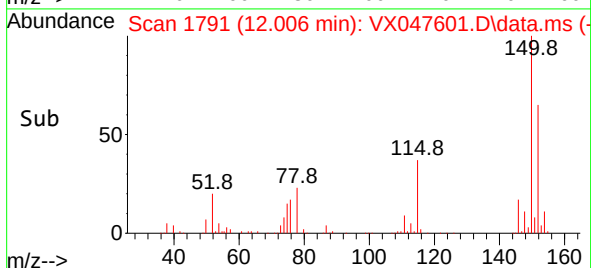
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

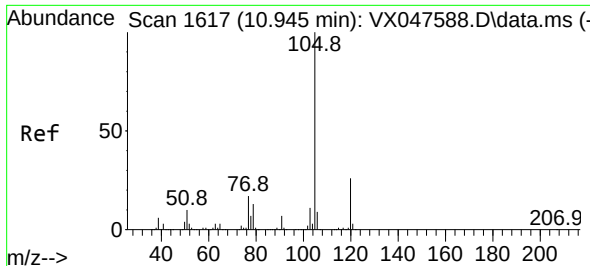


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51



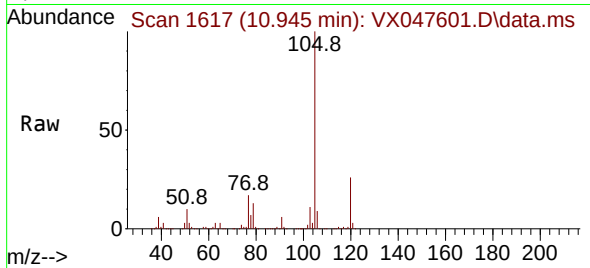
Tgt Ion:152 Resp: 138326
Ion Ratio Lower Upper
152 100
115 89.6 44.9 134.5
150 173.0 0.0 352.0





#73
Isopropylbenzene
Concen: 56.769 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

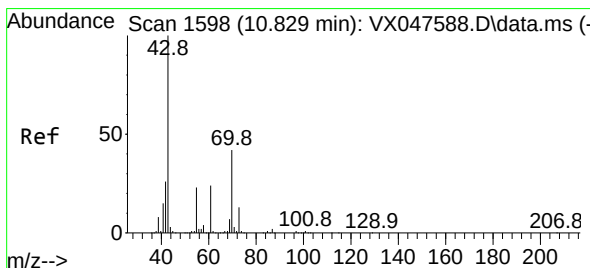
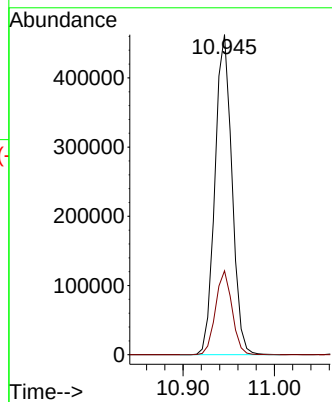
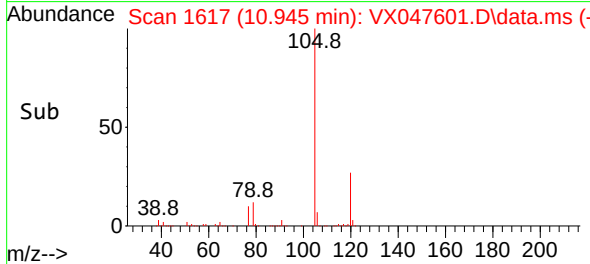
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 59700
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

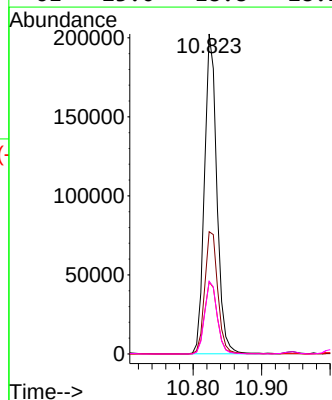
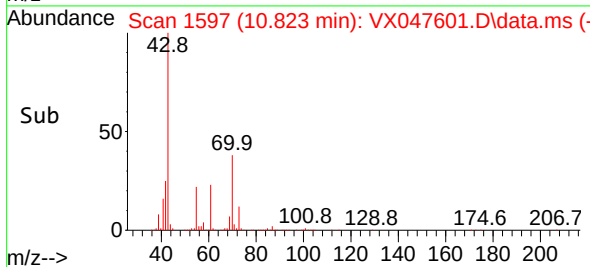
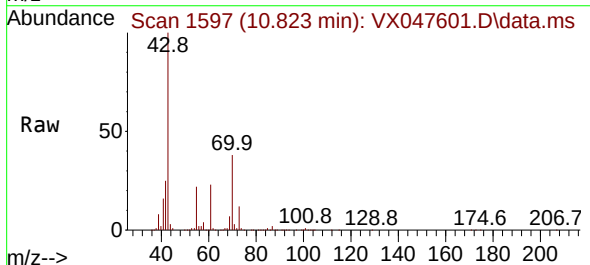
Manual Integrations
APPROVED

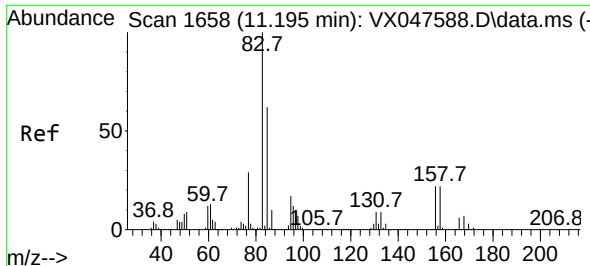
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#74
N-ethyl acetate
Concen: 53.201 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

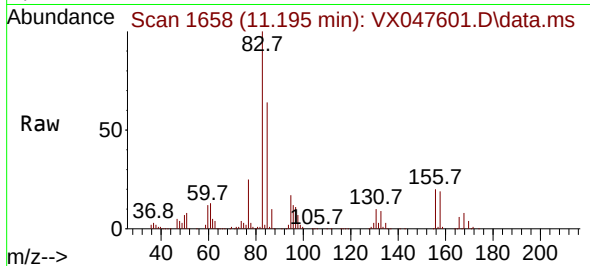
Tgt Ion: 43 Resp: 255134
Ion Ratio Lower Upper
43 100
70 40.3 32.0 48.0
55 23.4 18.9 28.3
61 23.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.532 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

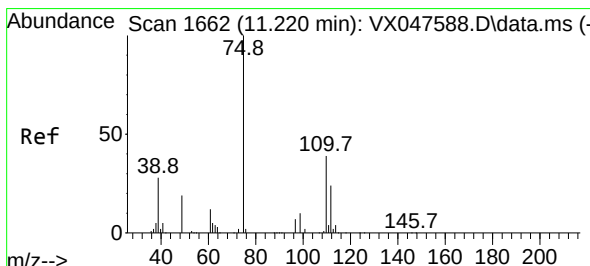
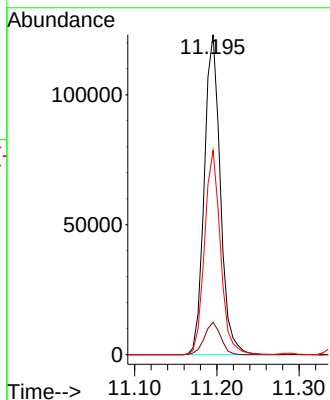
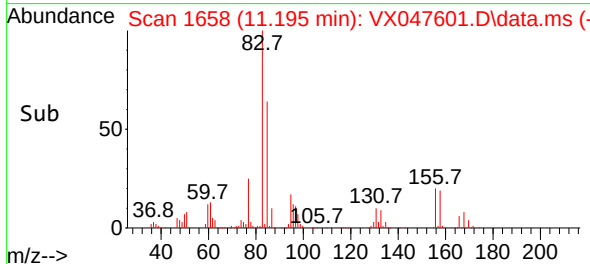
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



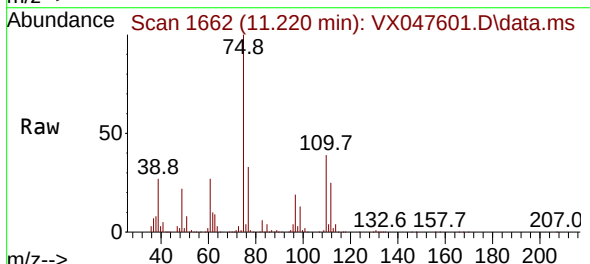
Tgt Ion: 83 Resp: 16714
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 63.6 31.6 95.0

Manual Integrations
APPROVED

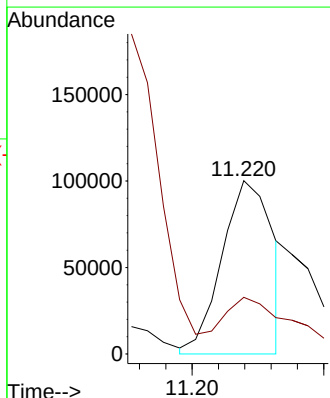
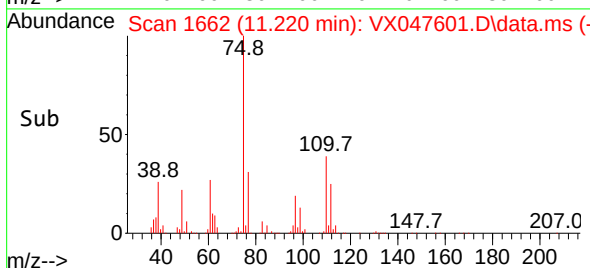
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

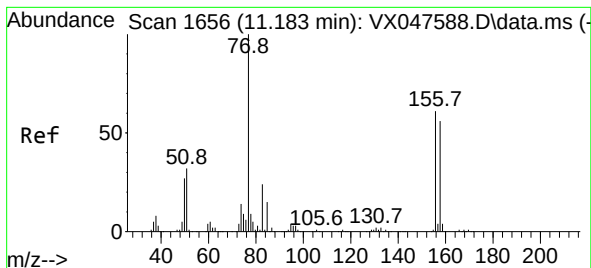


#76
1,2,3-Trichloropropane
Concen: 47.990 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51



Tgt Ion: 75 Resp: 134404
Ion Ratio Lower Upper
75 100
77 46.2 18.8 56.4





#77

Bromobenzene

Concen: 53.683 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

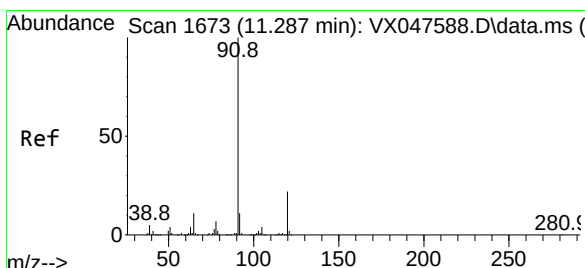
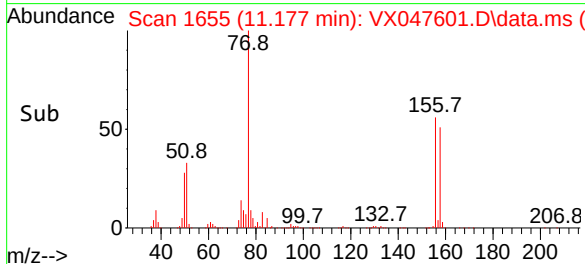
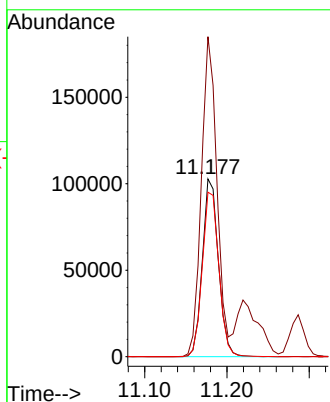
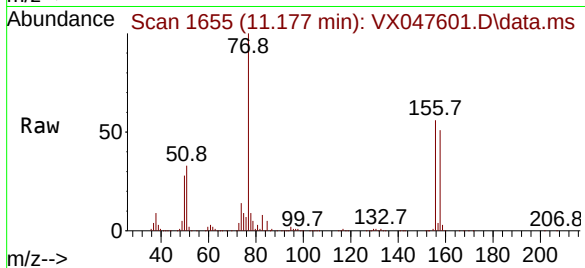
Tgt Ion:156 Resp: 139045
 Ion Ratio Lower Upper
 156 100
 77 174.5 89.7 269.1
 158 95.9 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#78

n-propylbenzene

Concen: 56.362 ug/l

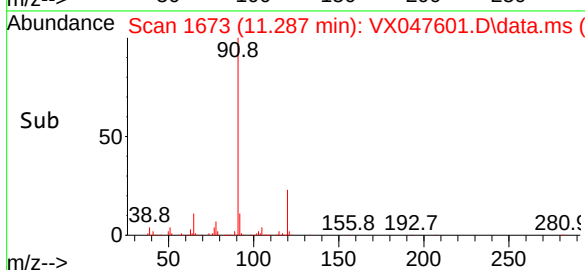
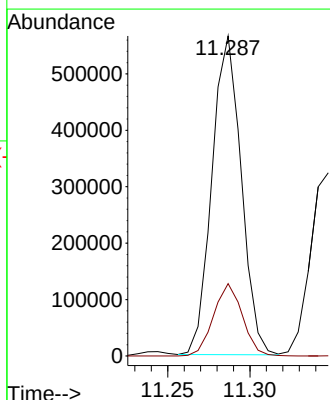
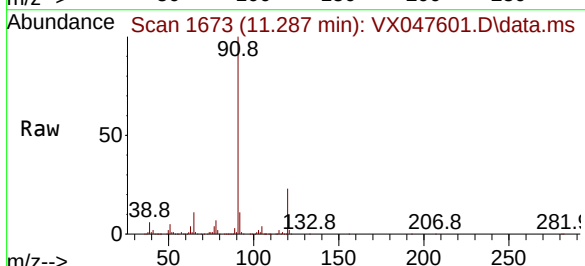
RT: 11.287 min Scan# 1673

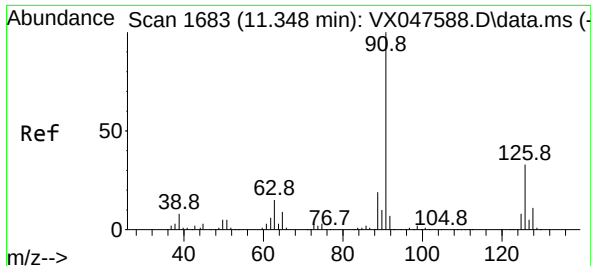
Delta R.T. 0.000 min

Lab File: VX047601.D

Acq: 17 Sep 2025 08:51

Tgt Ion: 91 Resp: 700672
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.1 33.1





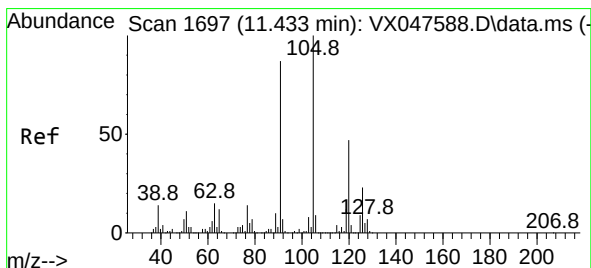
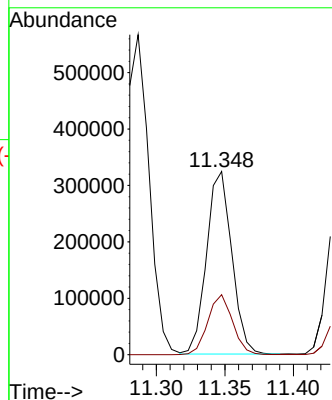
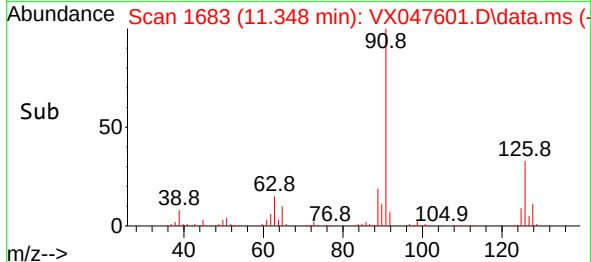
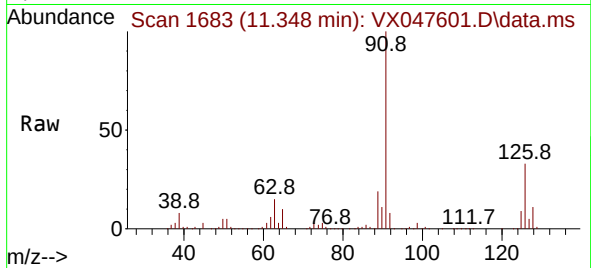
#79
2-Chlorotoluene
Concen: 54.410 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 41428
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.3

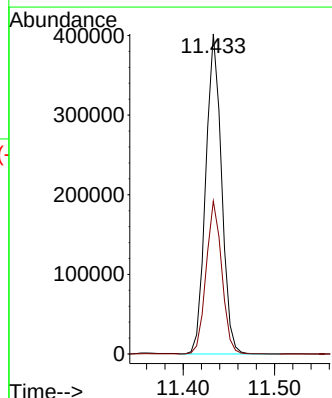
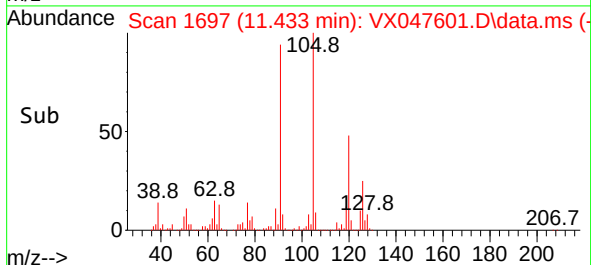
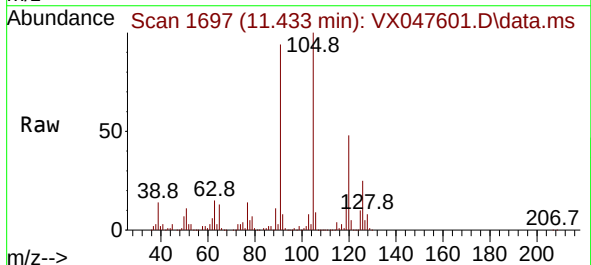
Manual Integrations
APPROVED

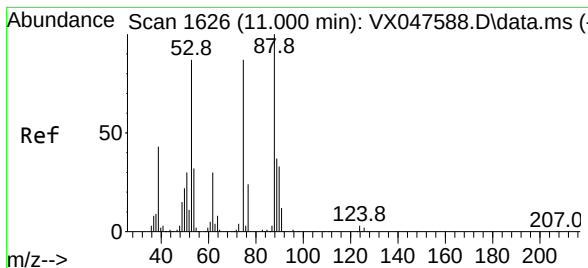
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.653 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

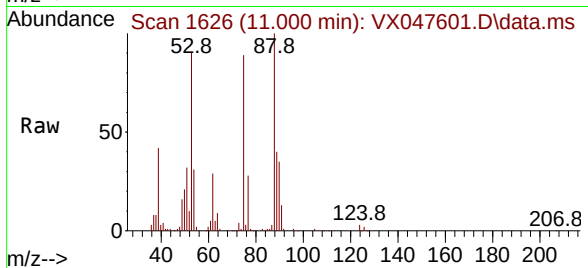
Tgt Ion:105 Resp: 480850
Ion Ratio Lower Upper
105 100
120 47.3 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.870 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

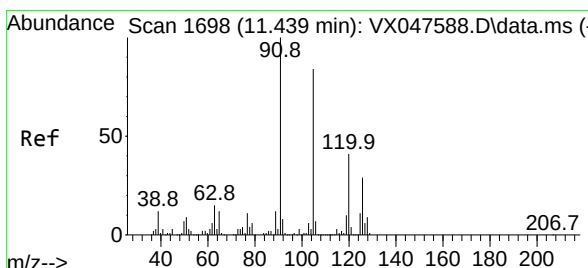
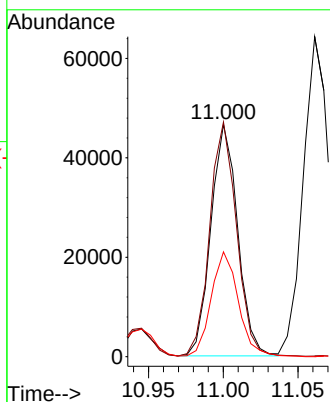
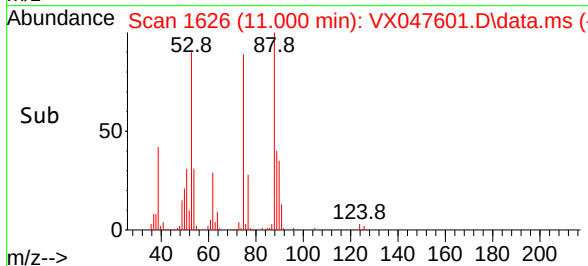
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 58064
Ion Ratio Lower Upper
75 100
53 101.1 83.4 125.2
89 46.2 36.3 54.5

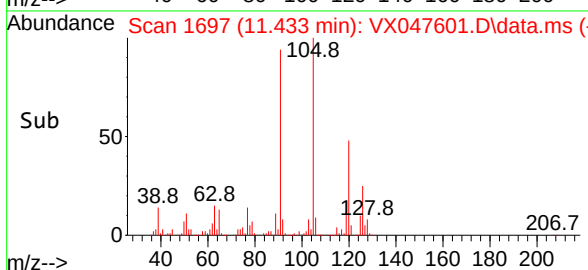
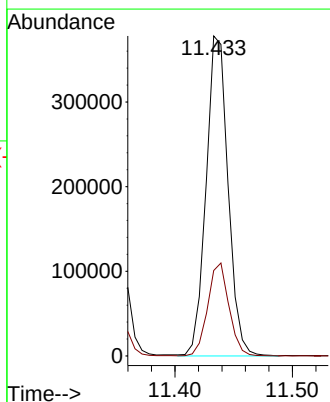
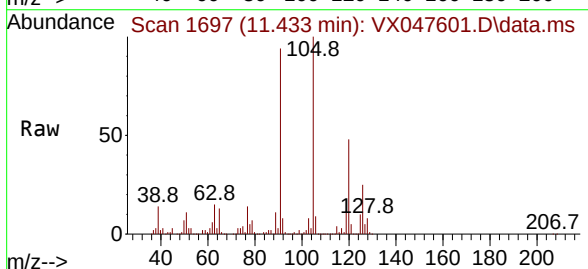
Manual Integrations
APPROVED

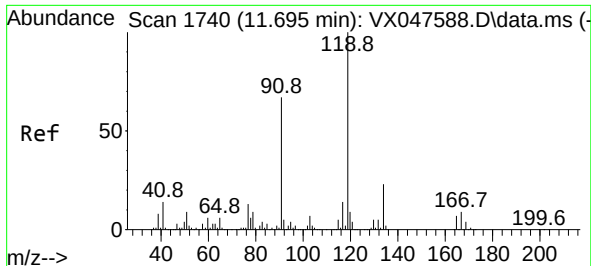
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#82
4-Chlorotoluene
Concen: 54.611 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

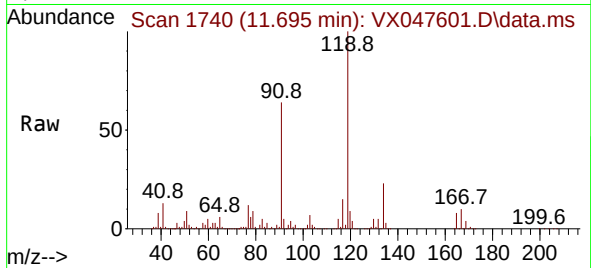
Tgt Ion: 91 Resp: 491100
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 56.276 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

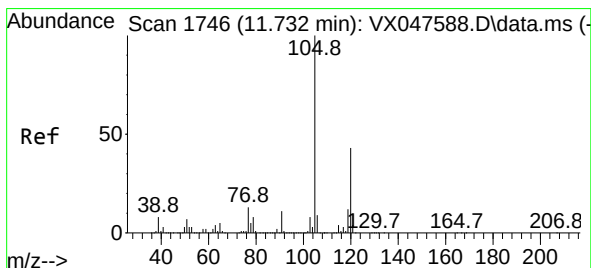
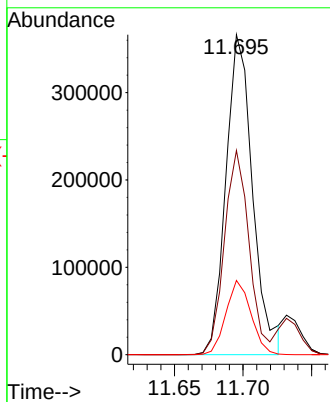
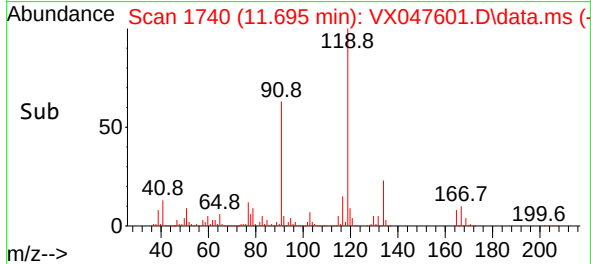
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



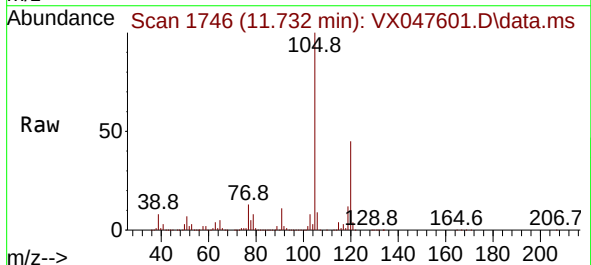
Tgt Ion:119 Resp: 49775
Ion Ratio Lower Upper
119 100
91 59.1 29.6 88.8
134 21.8 11.0 33.0

Manual Integrations
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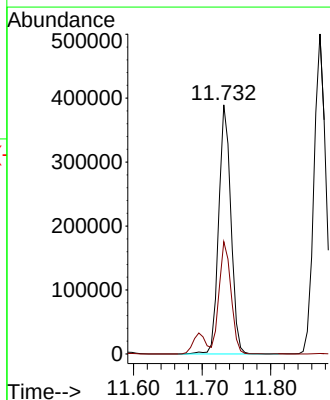
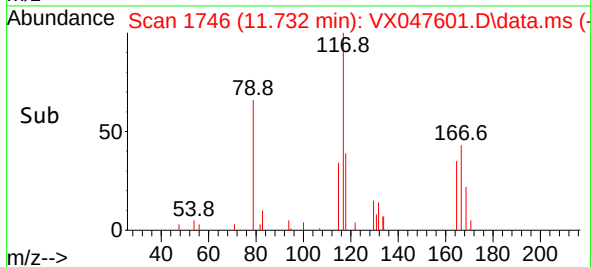
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

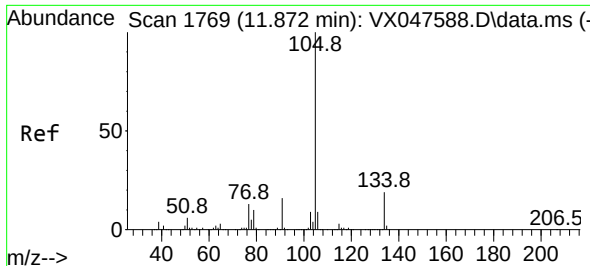


#84
1,2,4-Trimethylbenzene
Concen: 54.636 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51



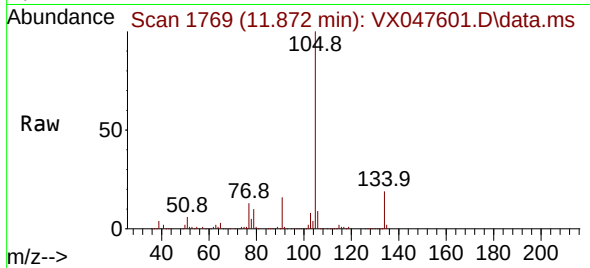
Tgt Ion:105 Resp: 478593
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 57.537 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX047601.D
 Acq: 17 Sep 2025 08:51

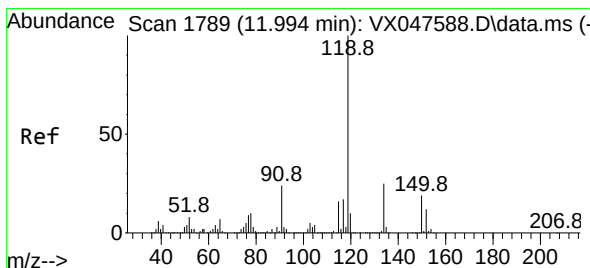
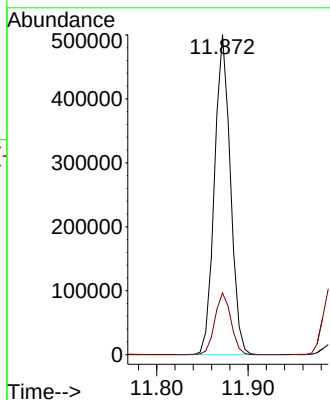
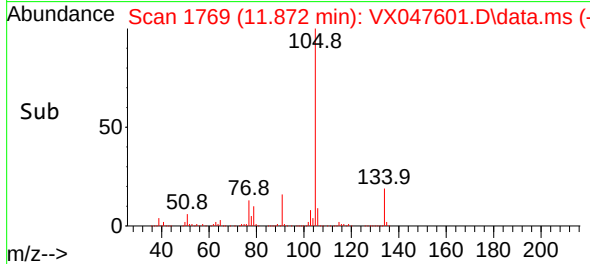
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 60447
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

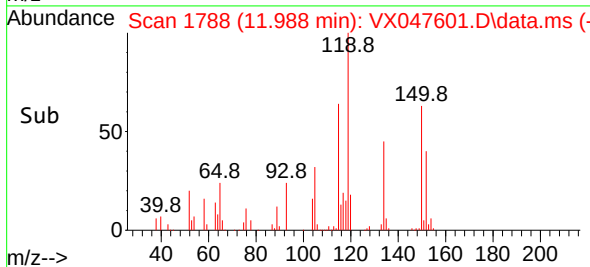
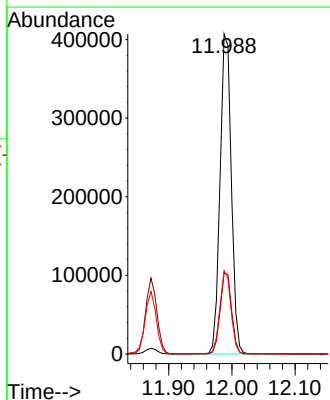
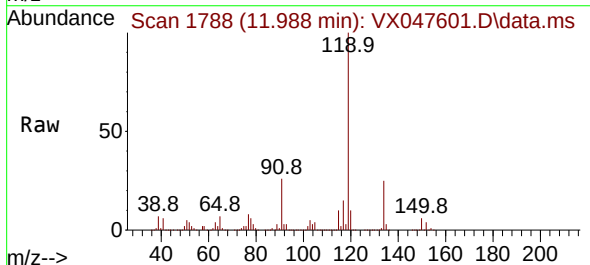
Manual Integrations
 APPROVED

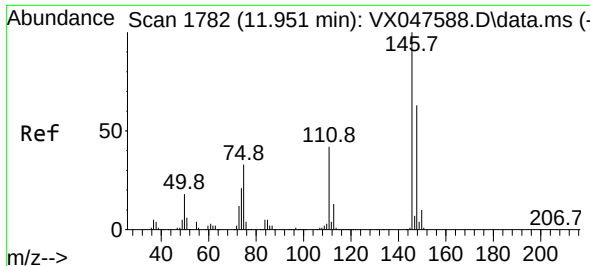
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#86
 p-Isopropyltoluene
 Concen: 56.500 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX047601.D
 Acq: 17 Sep 2025 08:51

Tgt Ion:119 Resp: 502524
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 25.6 12.6 37.6





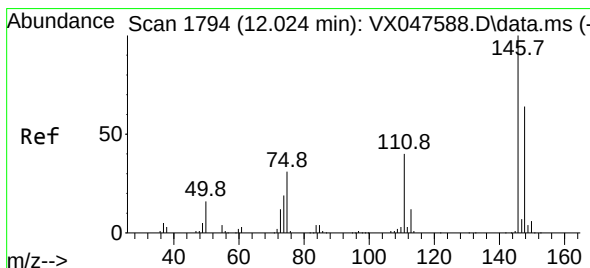
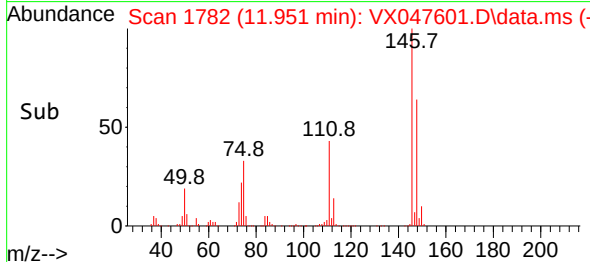
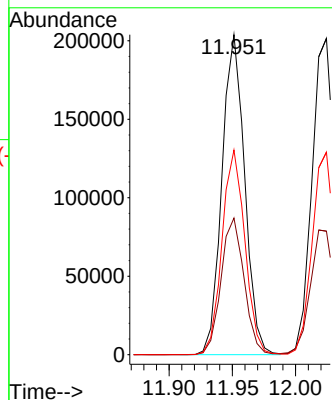
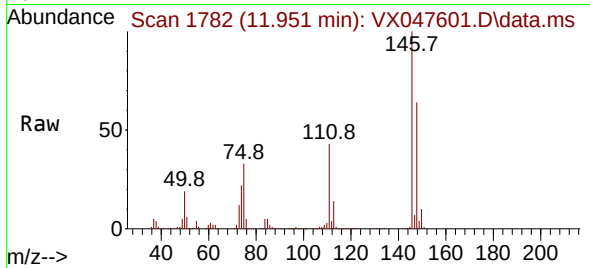
#87
 1,3-Dichlorobenzene
 Concen: 52.880 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. 0.000 min
 Lab File: VX047601.D
 Acq: 17 Sep 2025 08:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 25440
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.5 64.5
 148 64.3 32.0 96.0

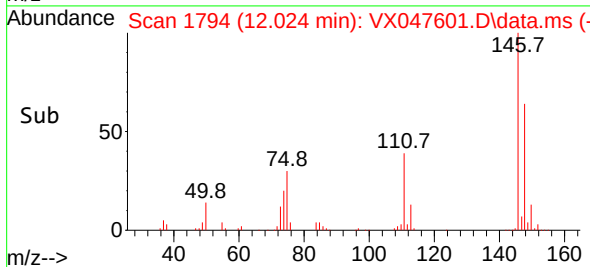
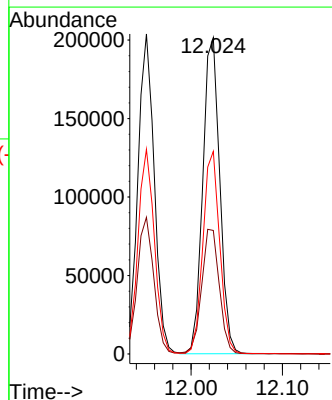
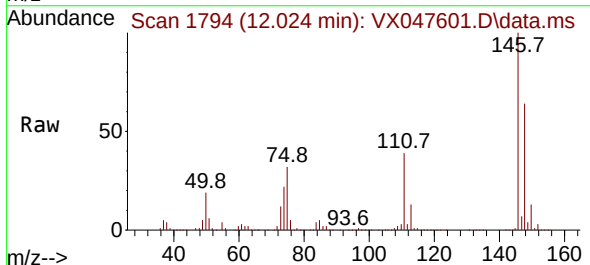
Manual Integrations
 APPROVED

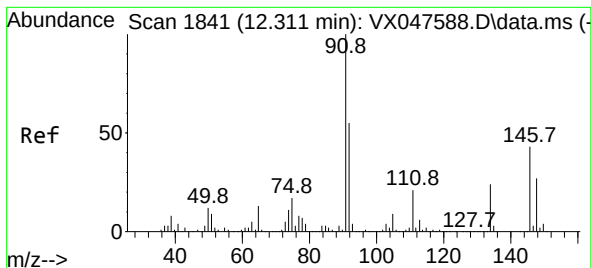
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#88
 1,4-Dichlorobenzene
 Concen: 52.453 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX047601.D
 Acq: 17 Sep 2025 08:51

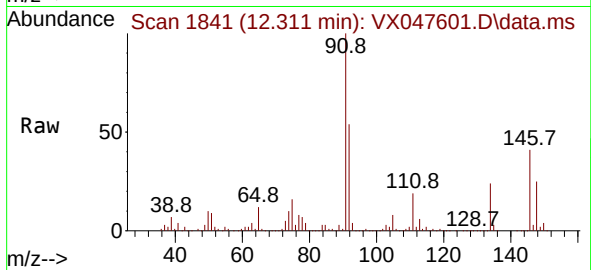
Tgt Ion:146 Resp: 258994
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.4
 148 63.6 31.7 95.1





#89
n-Butylbenzene
Concen: 58.099 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

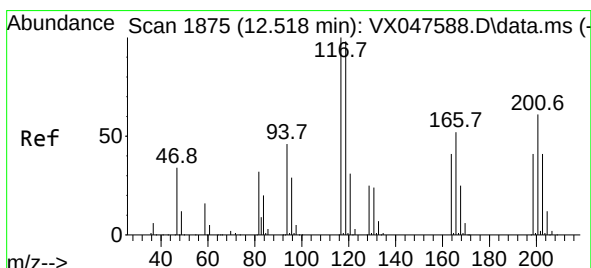
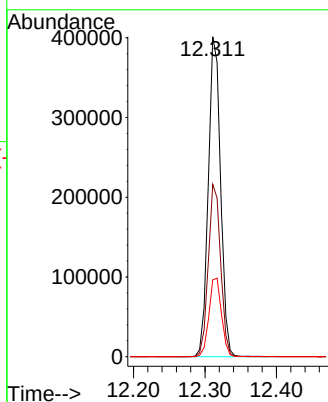
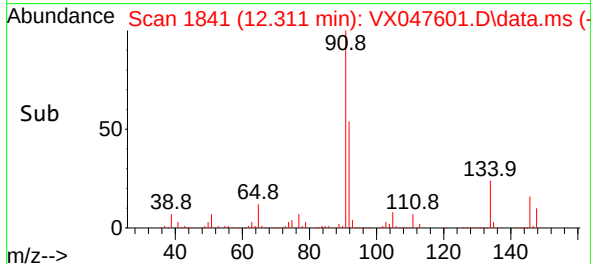
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 47814
Ion Ratio Lower Upper
91 100
92 54.1 27.6 82.7
134 25.1 12.6 37.8

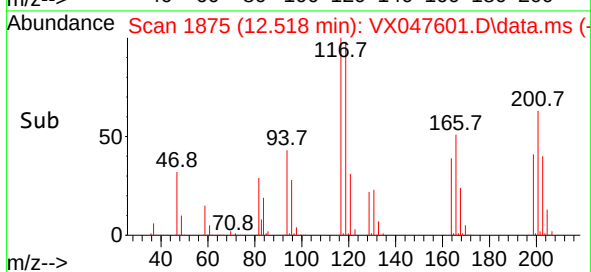
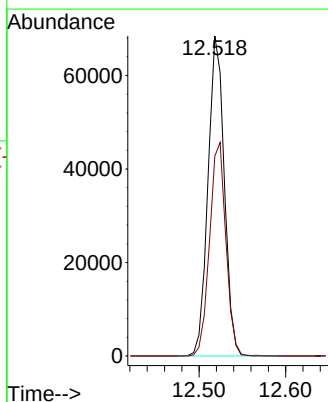
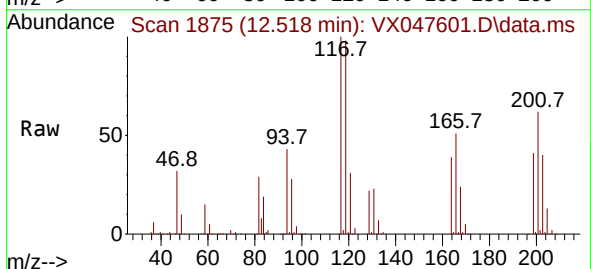
Manual Integrations
APPROVED

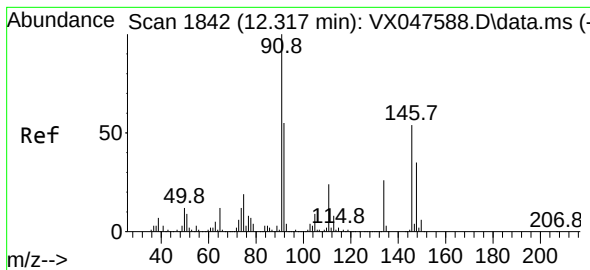
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#90
Hexachloroethane
Concen: 57.248 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

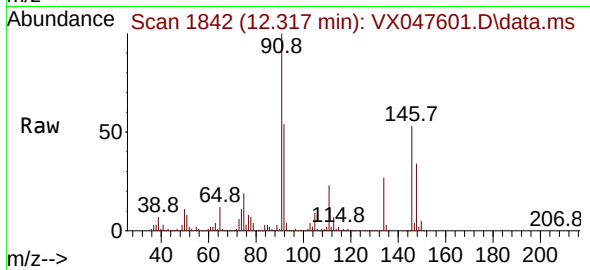
Tgt Ion:117 Resp: 89396
Ion Ratio Lower Upper
117 100
201 66.8 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 53.301 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

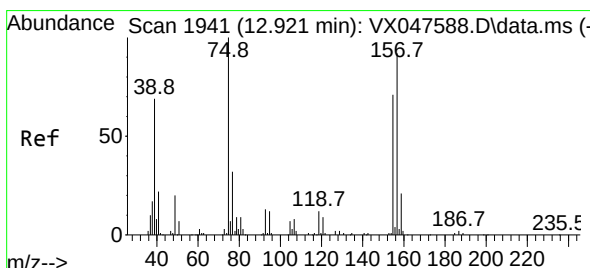
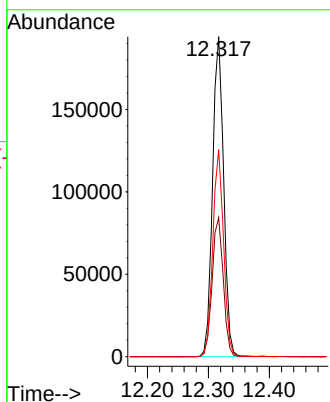
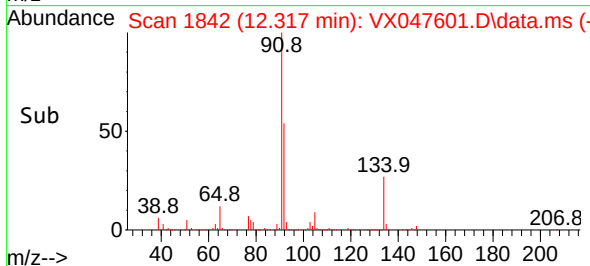
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 244300
Ion Ratio Lower Upper
146 100
111 43.8 22.2 66.6
148 63.1 31.8 95.4

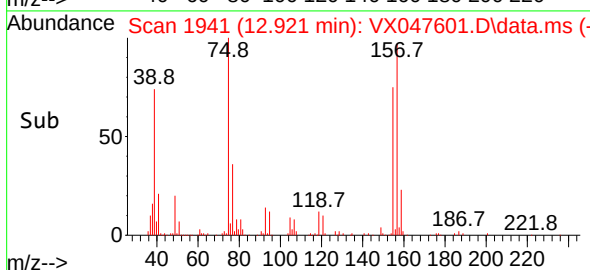
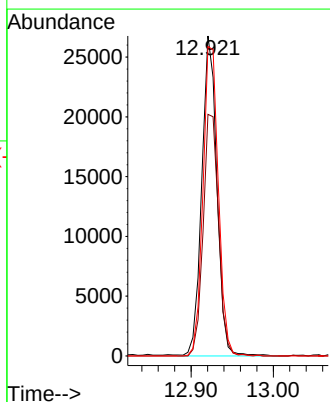
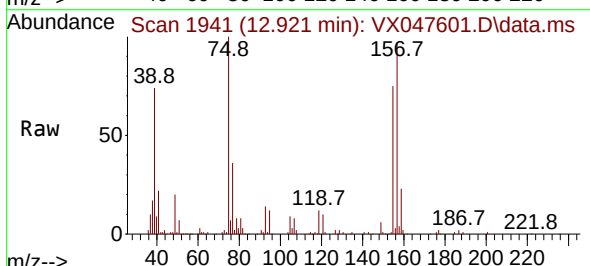
Manual Integrations
APPROVED

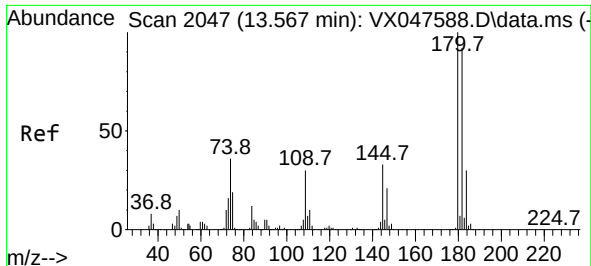
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.081 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

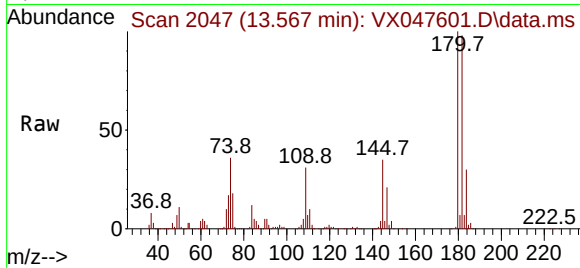
Tgt Ion: 75 Resp: 34194
Ion Ratio Lower Upper
75 100
155 77.0 37.7 113.1
157 98.6 49.8 149.4





#93
1,2,4-Trichlorobenzene
Concen: 55.373 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

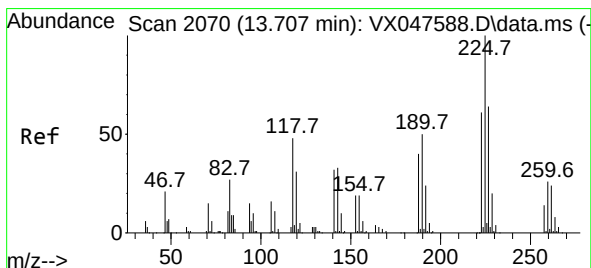
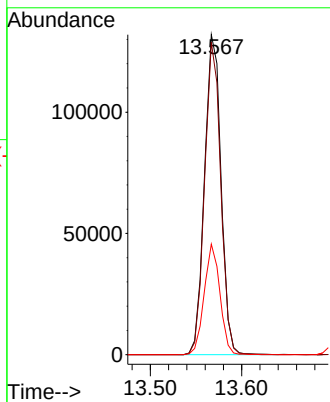
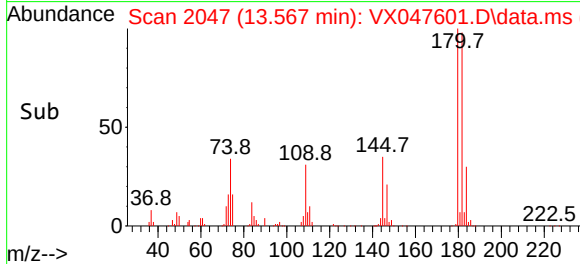
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 164940
Ion Ratio Lower Upper
180 100
182 95.5 46.6 139.8
145 33.0 16.4 49.1

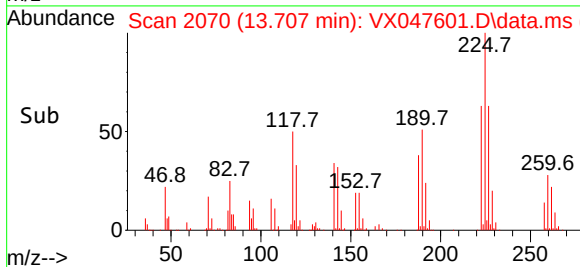
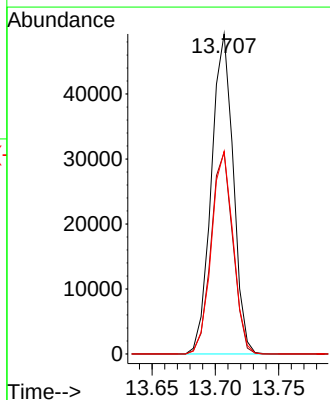
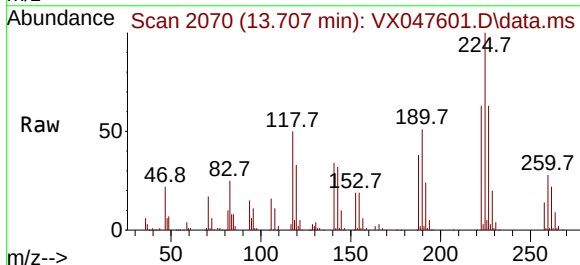
Manual Integrations
APPROVED

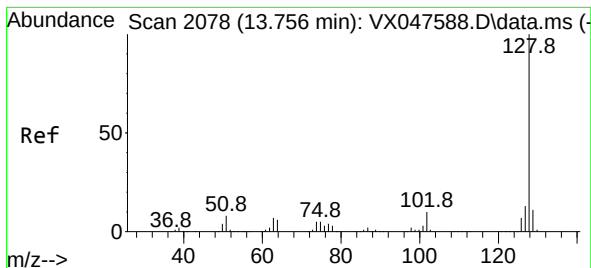
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#94
Hexachlorobutadiene
Concen: 58.500 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

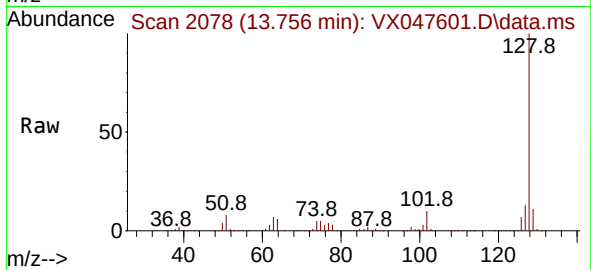
Tgt Ion:225 Resp: 59191
Ion Ratio Lower Upper
225 100
223 62.8 31.7 95.1
227 62.8 32.0 96.0





#95
Naphthalene
Concen: 51.900 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51

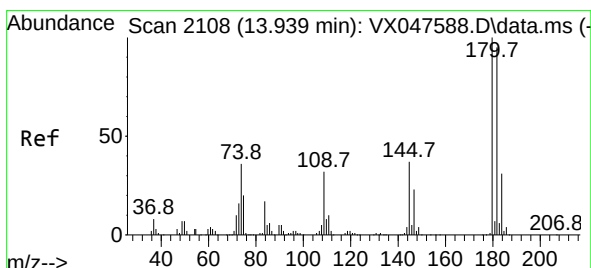
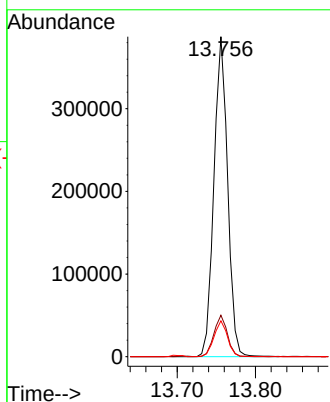
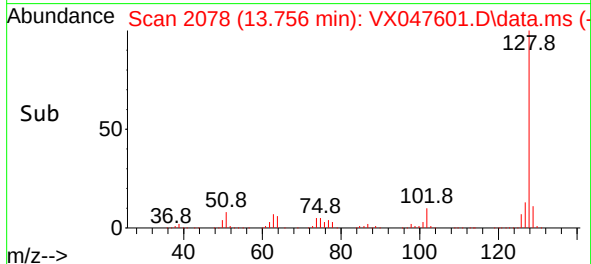
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



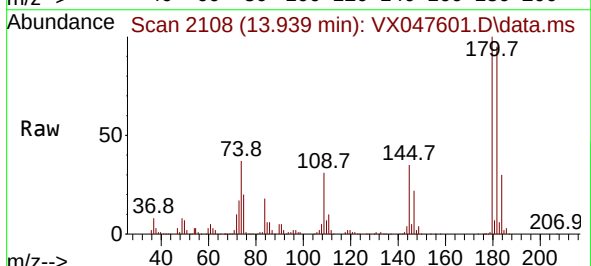
Tgt Ion:128 Resp: 470770
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.873 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047601.D
Acq: 17 Sep 2025 08:51



Tgt Ion:180 Resp: 152049
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.8
145 35.1 17.9 53.7

