

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048098.D
 Acq On : 09 Oct 2025 19:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 10 01:30:43 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

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	152652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	281868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	121366	49.948	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.900%		
35) Dibromofluoromethane	5.373	113	95533	50.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.080%		
50) Toluene-d8	8.634	98	317892	48.600	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.200%		
62) 4-Bromofluorobenzene	11.061	95	127843	51.499	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	50191	31.752	ug/l	99
3) Chloromethane	1.300	50	60207	28.980	ug/l	99
4) Vinyl Chloride	1.380	62	65903	32.406	ug/l	98
5) Bromomethane	1.617	94	45905	35.597	ug/l	98
6) Chloroethane	1.697	64	47368	34.849	ug/l	99
7) Trichlorofluoromethane	1.898	101	110723	36.668	ug/l	100
8) Diethyl Ether	2.136	74	45294	36.669	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	65830	37.284	ug/l	99
10) Methyl Iodide	2.459	142	63935	23.218	ug/l	98
11) Tert butyl alcohol	2.940	59	41405	153.001	ug/l	100
12) 1,1-Dichloroethene	2.325	96	63648	35.094	ug/l	97
13) Acrolein	2.239	56	42216	169.284	ug/l	100
14) Allyl chloride	2.666	41	126213	33.724	ug/l	99
15) Acrylonitrile	3.056	53	192258	191.800	ug/l	99
16) Acetone	2.373	43	150415	142.371	ug/l	98
17) Carbon Disulfide	2.520	76	136658	27.524	ug/l	99
18) Methyl Acetate	2.703	43	95678	40.693	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	251454	37.980	ug/l	98
20) Methylene Chloride	2.794	84	84132	37.621	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	68064	34.858	ug/l	98
22) Diisopropyl ether	3.751	45	285264	39.330	ug/l	86
23) Vinyl Acetate	3.715	43	1089636	187.705	ug/l	100
24) 1,1-Dichloroethane	3.605	63	148909	38.626	ug/l	99
25) 2-Butanone	4.544	43	223412	169.528	ug/l	97
26) 2,2-Dichloropropane	4.471	77	109789	34.260	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	90892	38.009	ug/l	99
28) Bromochloromethane	4.885	49	70741	42.032	ug/l	99
29) Tetrahydrofuran	4.989	42	136359	171.999	ug/l	98
30) Chloroform	5.080	83	159870	41.038	ug/l	99
31) Cyclohexane	5.458	56	100523	31.307	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	127795	38.674	ug/l	99
36) 1,1-Dichloropropene	5.684	75	90209	32.658	ug/l	98
37) Ethyl Acetate	4.702	43	95833	32.402	ug/l	98
38) Carbon Tetrachloride	5.672	117	106100	35.352	ug/l	99
39) Methylcyclohexane	7.366	83	93975	29.971	ug/l	98
40) Benzene	6.025	78	298672	35.600	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	55257	36.190	ug/l	97
42) 1,2-Dichloroethane	6.074	62	117928	36.943	ug/l	100
43) Isopropyl Acetate	6.324	43	167433	34.518	ug/l	99
44) Trichloroethene	7.110	130	70973	34.991	ug/l	100
45) 1,2-Dichloropropane	7.415	63	81976	38.159	ug/l	96
46) Dibromomethane	7.568	93	59557	38.097	ug/l	99
47) Bromodichloromethane	7.805	83	129061	40.007	ug/l	98
48) Methyl methacrylate	7.677	41	85009	35.184	ug/l	100
49) 1,4-Dioxane	7.647	88	17531	717.958	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	493435	183.473	ug/l	99
52) Toluene	8.702	92	186637	36.108	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	120958	36.759	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	128978	36.672	ug/l	100
55) 1,1,2-Trichloroethane	9.134	97	79082	39.678	ug/l	99
56) Ethyl methacrylate	9.104	69	115474	36.892	ug/l	98
57) 1,3-Dichloropropane	9.293	76	133176	38.897	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	314836	212.953	ug/l	100
59) 2-Hexanone	9.415	43	331240	171.490	ug/l	100
60) Dibromochloromethane	9.506	129	93815	40.851	ug/l	100
61) 1,2-Dibromoethane	9.592	107	77016	37.938	ug/l	98
64) Tetrachloroethene	9.256	164	62151	35.658	ug/l	99
65) Chlorobenzene	10.061	112	212980	35.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	78517	37.460	ug/l	100
67) Ethyl Benzene	10.177	91	353997	33.777	ug/l	100
68) m/p-Xylenes	10.287	106	264992	67.930	ug/l	99
69) o-Xylene	10.628	106	130819	34.671	ug/l	99
70) Styrene	10.640	104	232376	35.149	ug/l	99
71) Bromoform	10.780	173	59529	38.036	ug/l #	97
73) Isopropylbenzene	10.945	105	339854	32.760	ug/l	99
74) N-amyl acetate	10.829	43	147892	31.262	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	110369	35.164	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	96516m	34.934	ug/l	
77) Bromobenzene	11.183	156	85649	33.521	ug/l	96
78) n-propylbenzene	11.286	91	397745	32.433	ug/l	99
79) 2-Chlorotoluene	11.347	91	246973	32.881	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	278356	32.658	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	31523	29.097	ug/l	99
82) 4-Chlorotoluene	11.439	91	292129	32.930	ug/l	100
83) tert-Butylbenzene	11.695	119	291624	33.423	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	282601	32.704	ug/l	99
85) sec-Butylbenzene	11.872	105	342986	33.095	ug/l	100
86) p-Isopropyltoluene	11.994	119	288117	32.838	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	156196	32.912	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	157274	32.289	ug/l	98
89) n-Butylbenzene	12.311	91	261021	32.151	ug/l	98
90) Hexachloroethane	12.518	117	54609	35.450	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	152587	33.748	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	19786	31.136	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	92634	31.524	ug/l	99
94) Hexachlorobutadiene	13.707	225	32245	32.306	ug/l	96
95) Naphthalene	13.756	128	283254	31.656	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	90316	33.041	ug/l	98

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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

Manual Integrations

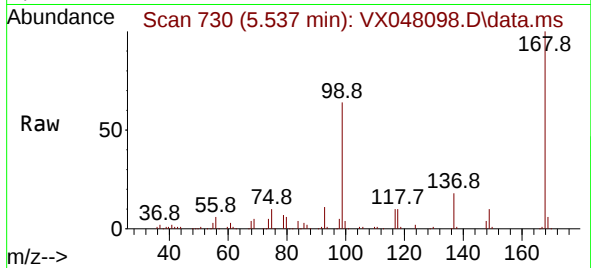
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
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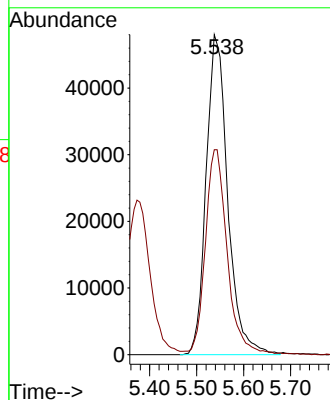
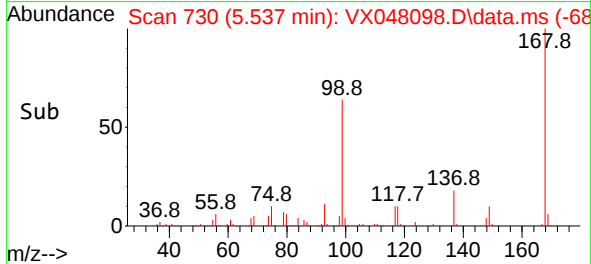
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 152652
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2

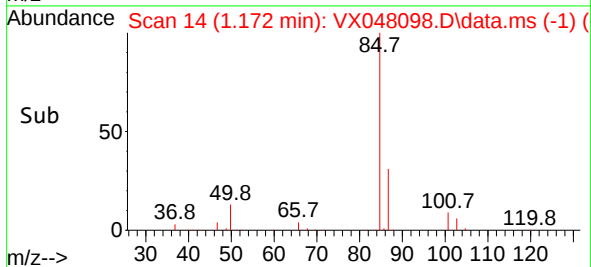
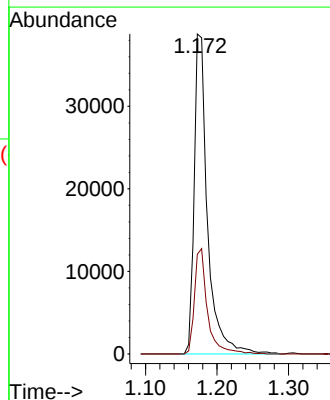
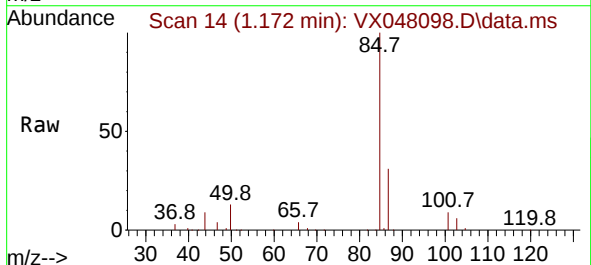
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#2
Dichlorodifluoromethane
Concen: 31.752 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Tgt Ion: 85 Resp: 50191
Ion Ratio Lower Upper
85 100
87 31.1 15.8 47.3





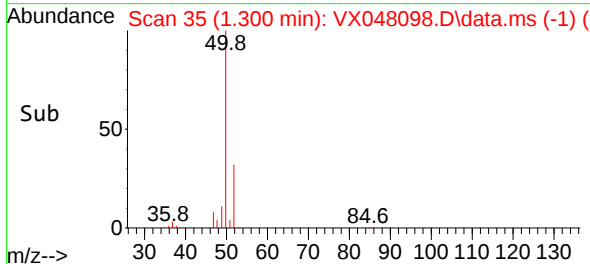
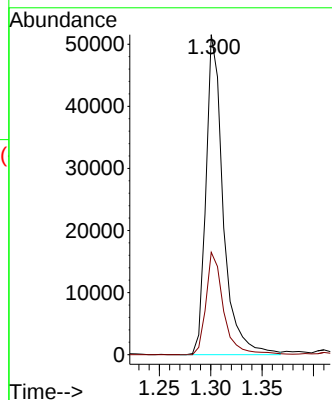
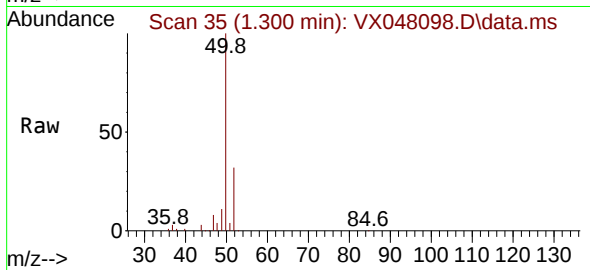
#3
Chloromethane
Concen: 28.980 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 6020
Ion Ratio Lower Upper
50 100
52 32.0 26.1 39.1

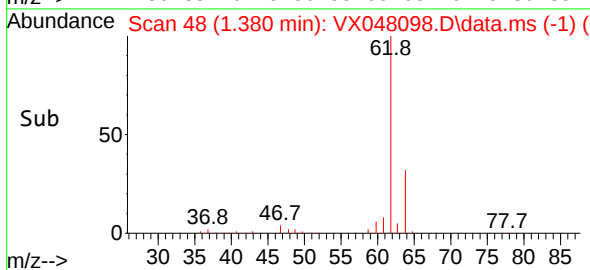
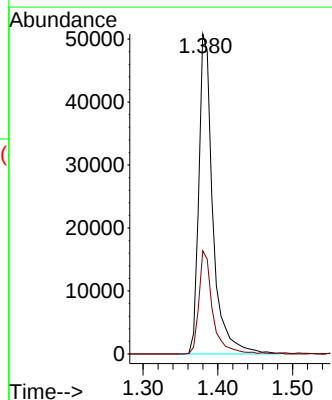
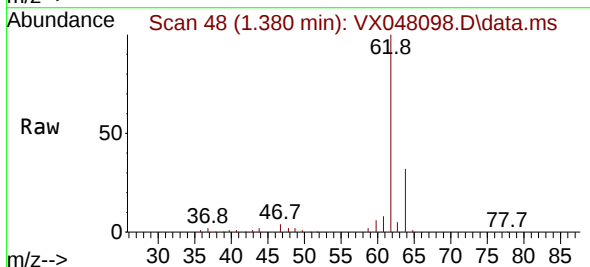
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#4
Vinyl Chloride
Concen: 32.406 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

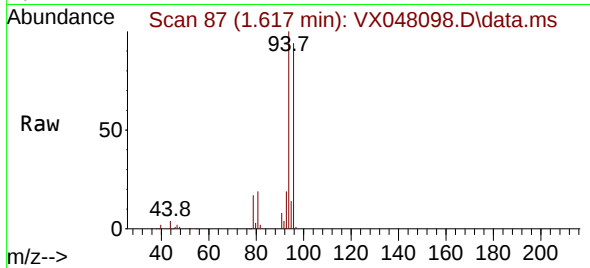
Tgt Ion: 62 Resp: 65903
Ion Ratio Lower Upper
62 100
64 32.3 24.9 37.3





#5
Bromomethane
Concen: 35.597 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

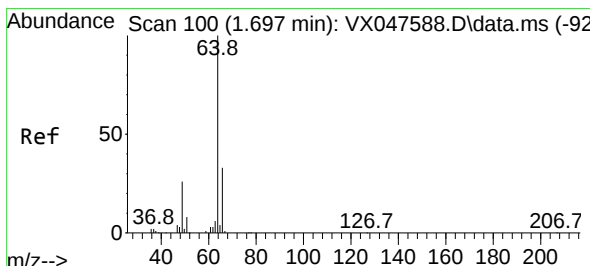
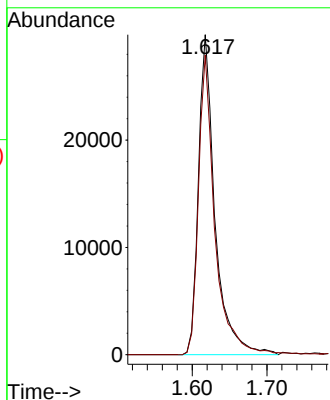
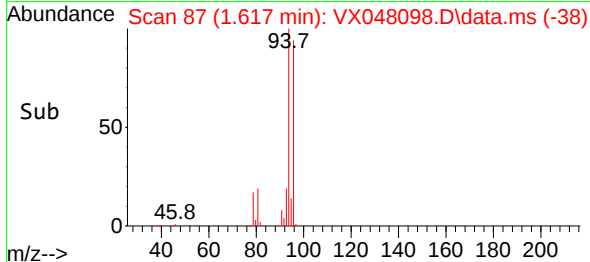
Instrument :
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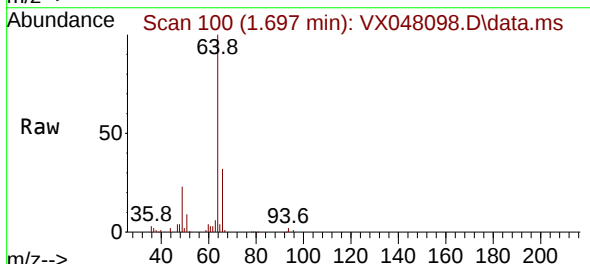
Tgt Ion: 94 Resp: 4590
Ion Ratio Lower Upper
94 100
96 93.6 76.6 115.0

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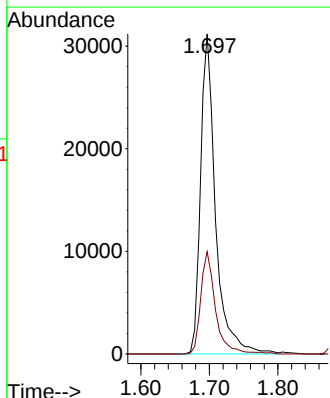
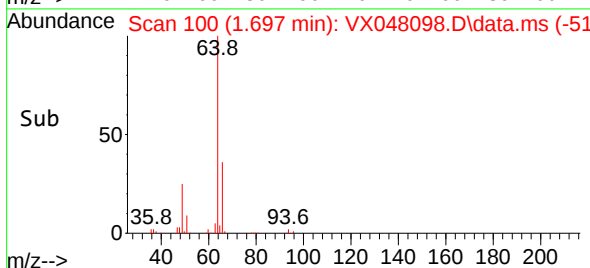
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#6
Chloroethane
Concen: 34.849 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
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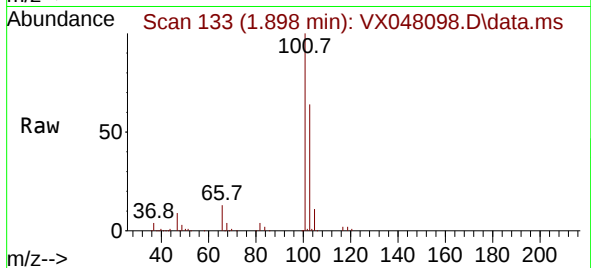
Tgt Ion: 64 Resp: 47368
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1





#7
Trichlorofluoromethane
Concen: 36.668 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048098.D
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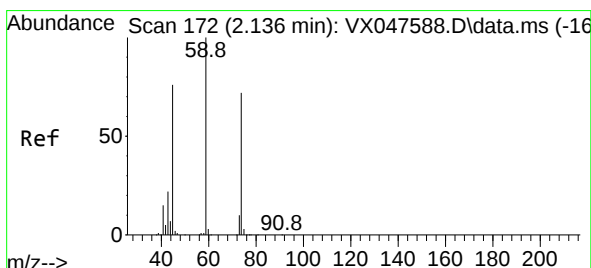
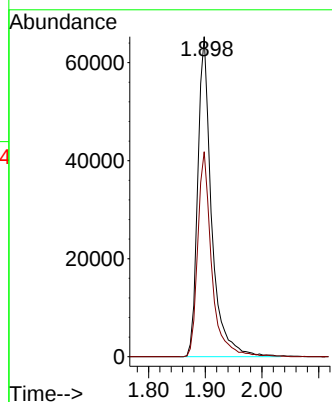
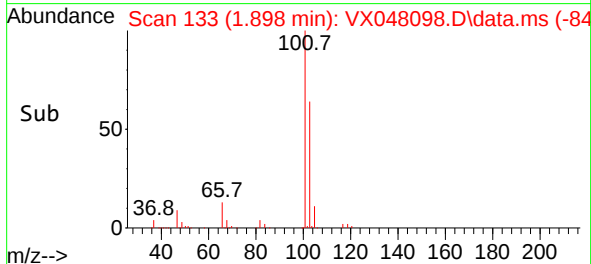
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Tgt Ion:101 Resp: 11072
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

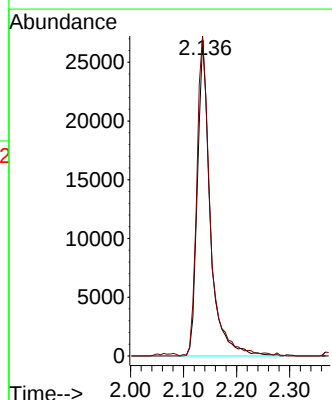
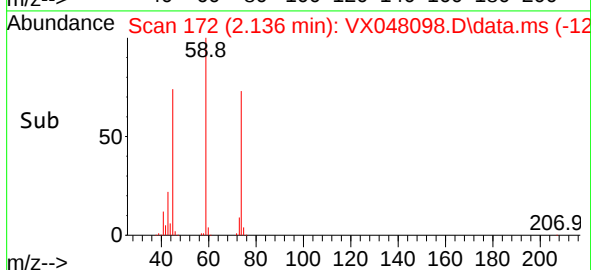
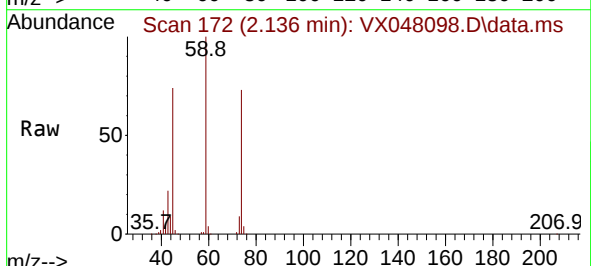
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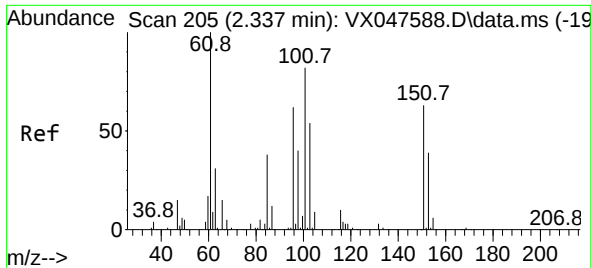
Reviewed By :John Carlone 10/10/2025
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#8
Diethyl Ether
Concen: 36.669 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Tgt Ion: 74 Resp: 45294
Ion Ratio Lower Upper
74 100
45 105.7 52.3 156.8





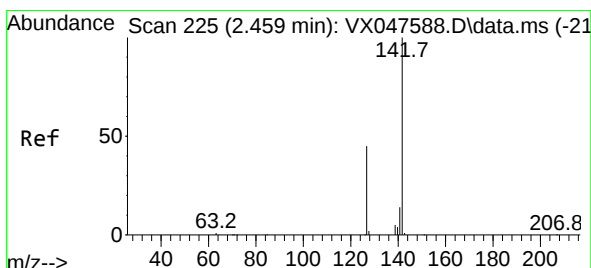
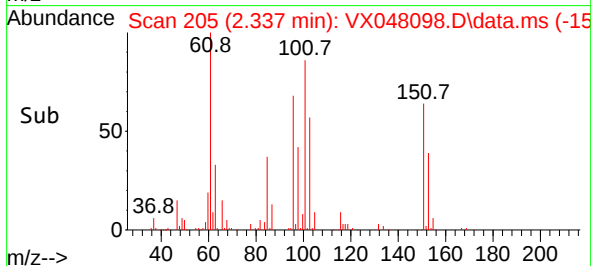
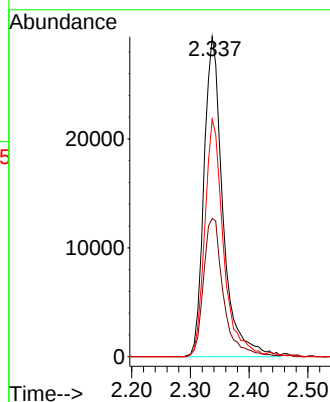
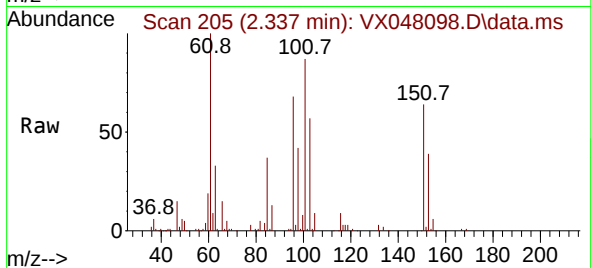
#9
1,1,2-Trichlorotrifluoroethane
Concen: 37.284 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048098.D
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Tgt Ion:101 Resp: 65830
Ion Ratio Lower Upper
101 100
85 45.4 35.5 53.3
151 73.1 59.4 89.0

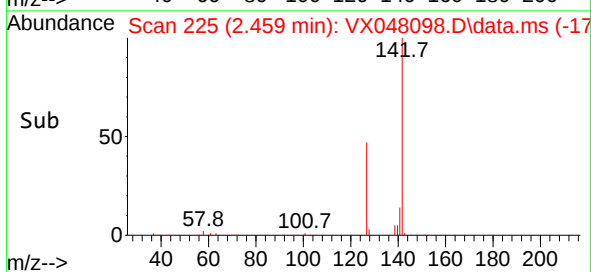
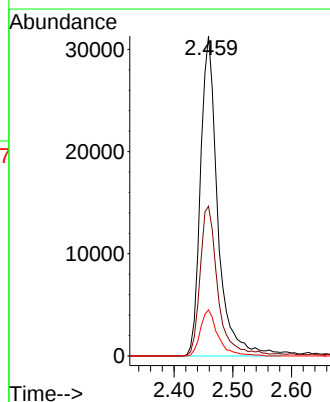
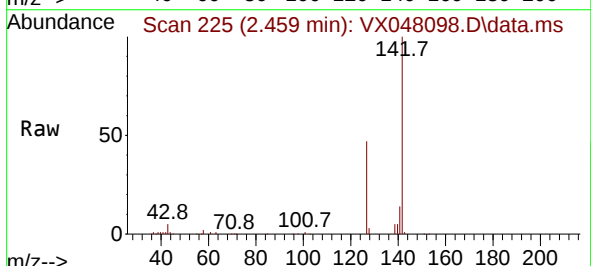
Manual Integrations
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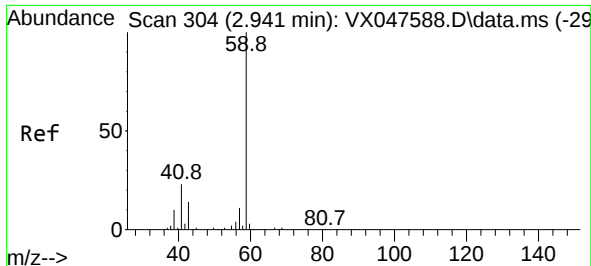
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#10
Methyl Iodide
Concen: 23.218 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

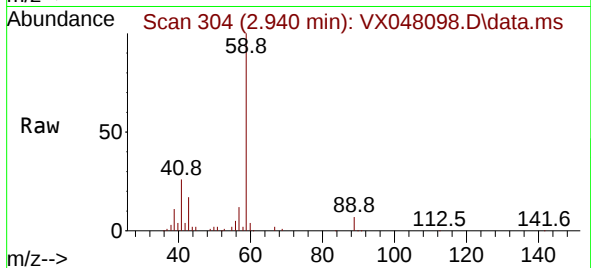
Tgt Ion:142 Resp: 63935
Ion Ratio Lower Upper
142 100
127 48.2 37.2 55.8
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 153.001 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

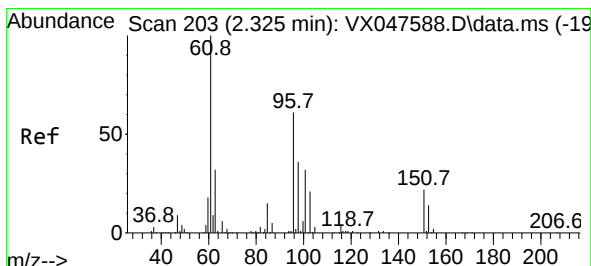
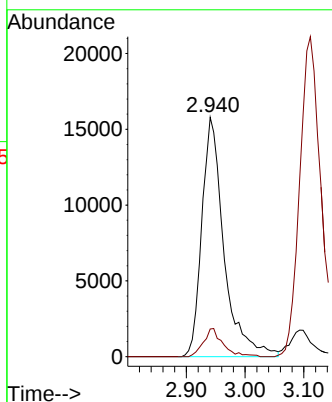
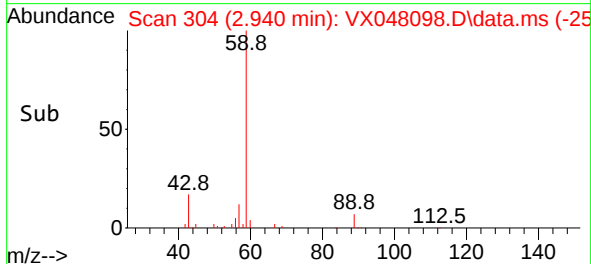
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



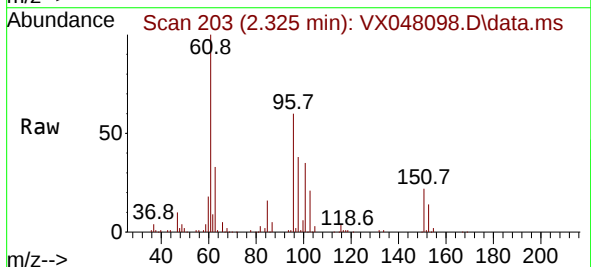
Tgt Ion: 59 Resp: 4140
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
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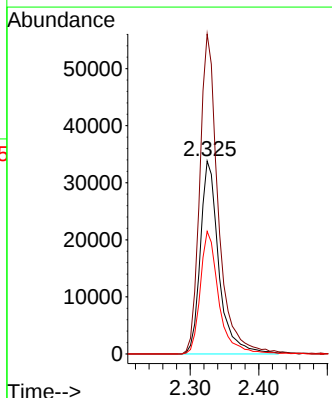
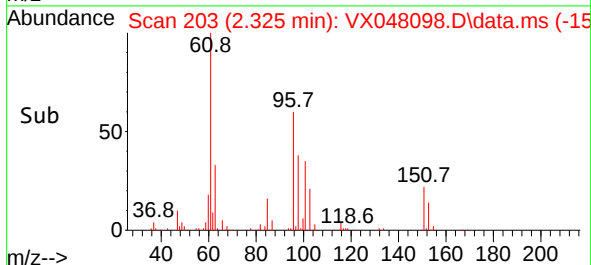
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#12
1,1-Dichloroethene
Concen: 35.094 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



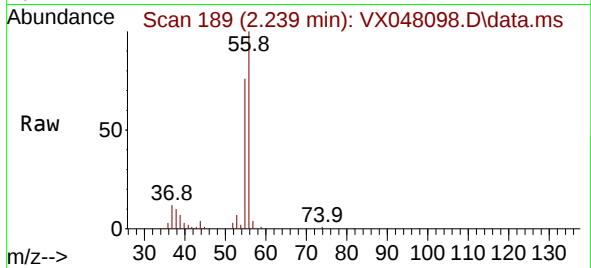
Tgt Ion: 96 Resp: 63648
Ion Ratio Lower Upper
96 100
61 165.9 131.0 196.6
98 63.5 47.7 71.5





#13
Acrolein
Concen: 169.284 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

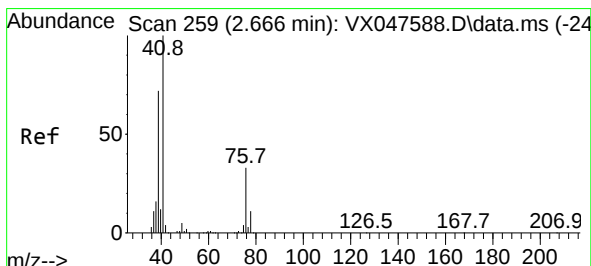
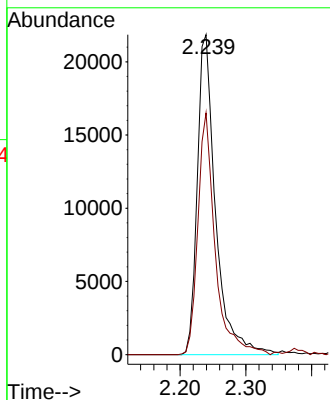
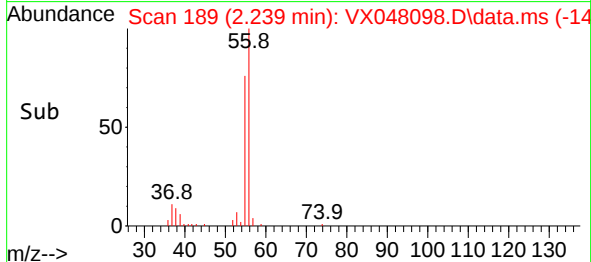
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 42210
Ion Ratio Lower Upper
56 100
55 71.5 57.2 85.8

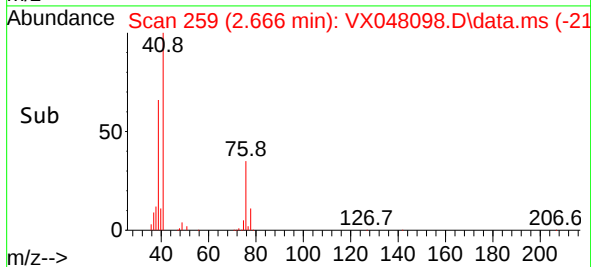
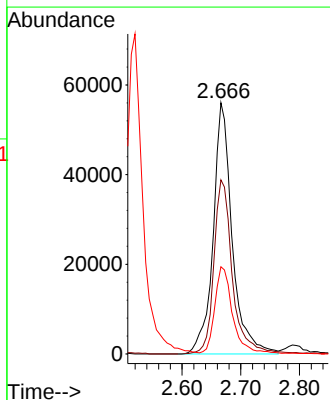
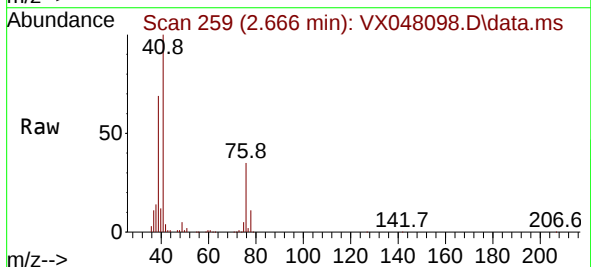
Manual Integrations
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Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#14
Allyl chloride
Concen: 33.724 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

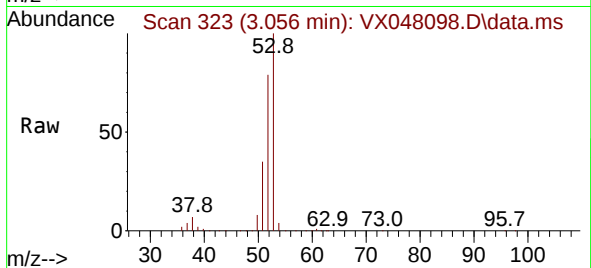
Tgt Ion: 41 Resp: 126213
Ion Ratio Lower Upper
41 100
39 67.6 54.7 82.1
76 33.0 25.7 38.5





#15
Acrylonitrile
Concen: 191.800 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

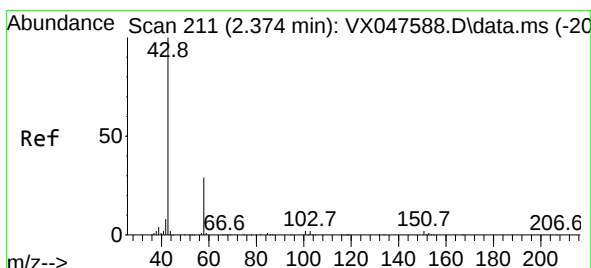
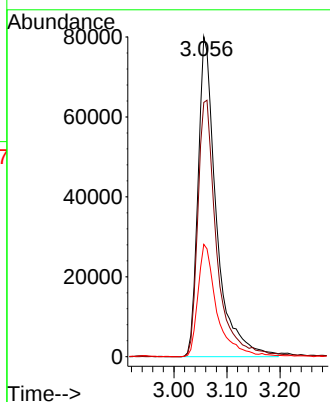
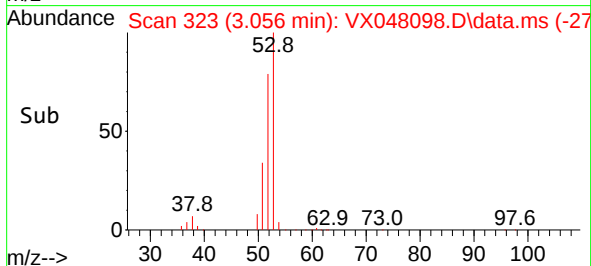
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 192258
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.8 29.5 44.3

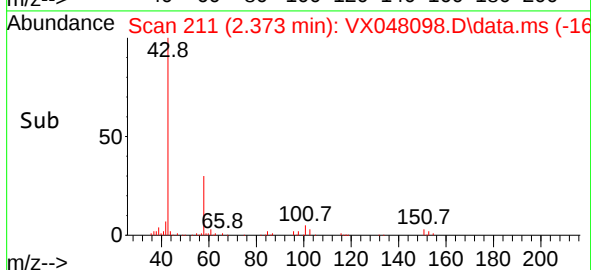
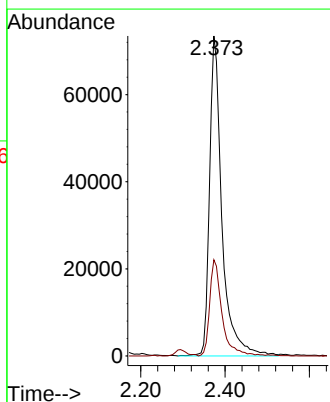
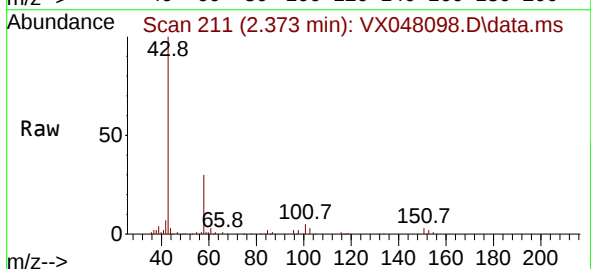
Manual Integrations
APPROVED

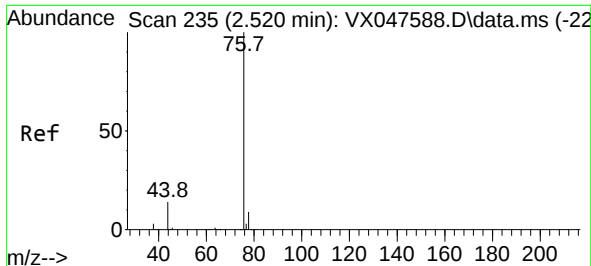
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#16
Acetone
Concen: 142.371 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

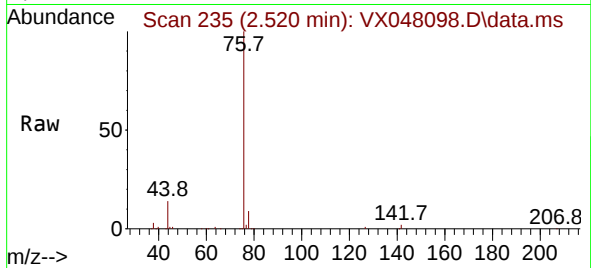
Tgt Ion: 43 Resp: 150415
Ion Ratio Lower Upper
43 100
58 30.0 23.4 35.0





#17
Carbon Disulfide
Concen: 27.524 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

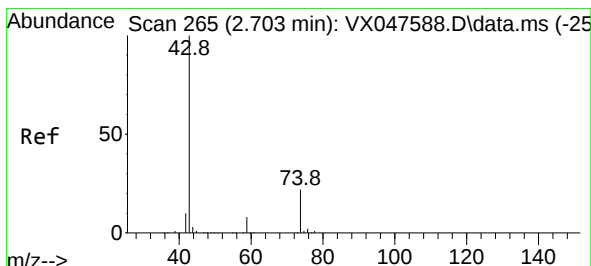
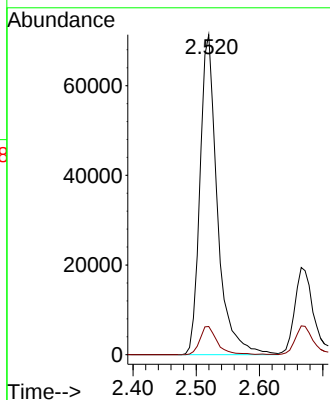
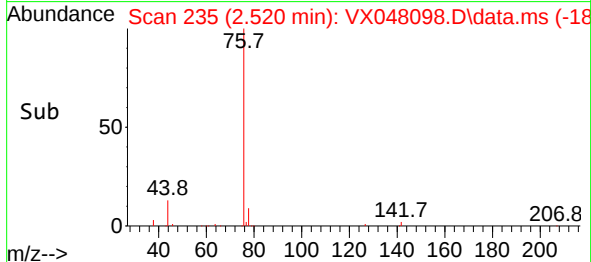
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 136658
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

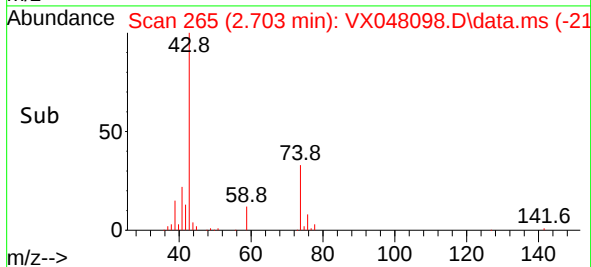
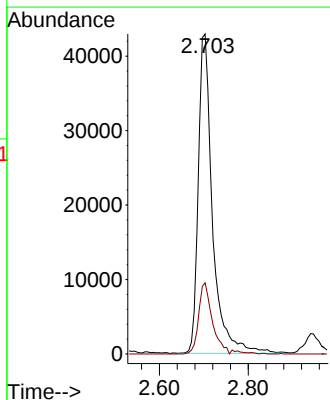
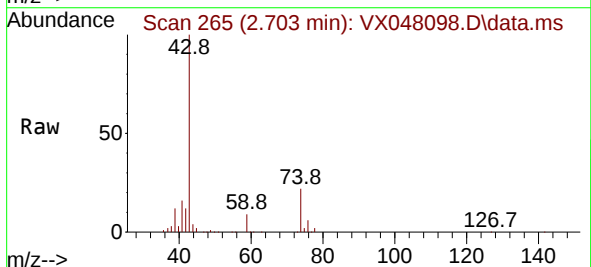
Manual Integrations
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Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#18
Methyl Acetate
Concen: 40.693 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

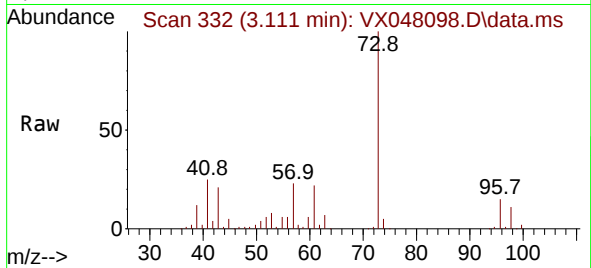
Tgt Ion: 43 Resp: 95678
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 37.980 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

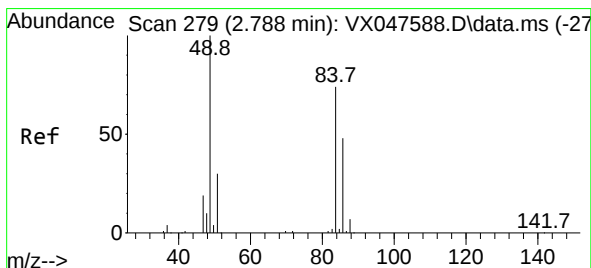
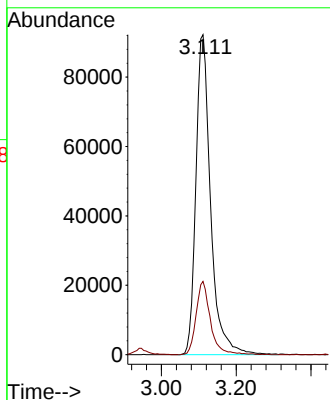
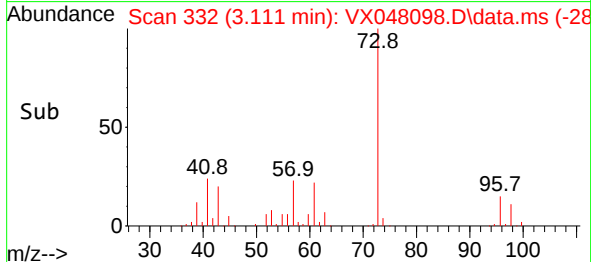
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 251454
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2

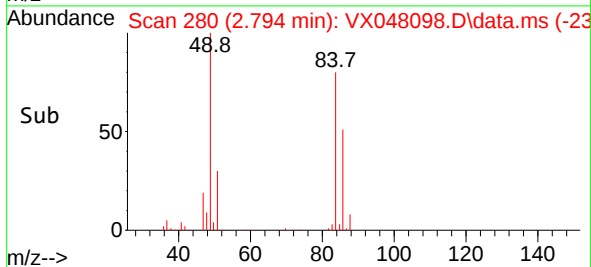
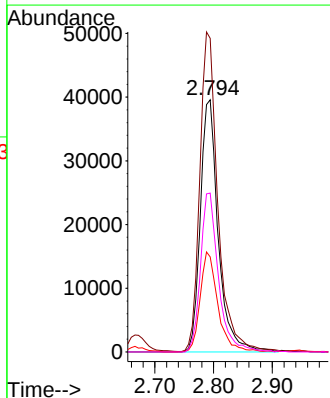
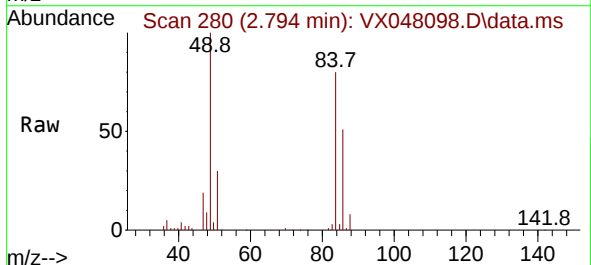
Manual Integrations
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Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Methylene Chloride
Concen: 37.621 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

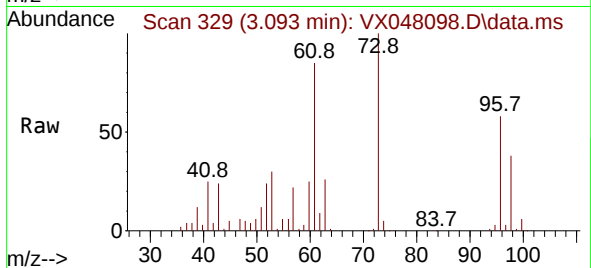
Tgt Ion: 84 Resp: 84132
Ion Ratio Lower Upper
84 100
49 124.2 108.6 162.8
51 37.7 32.6 48.8
86 63.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 34.858 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

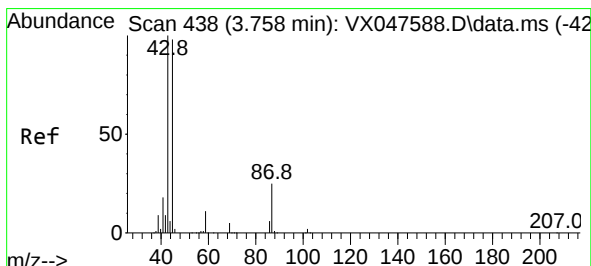
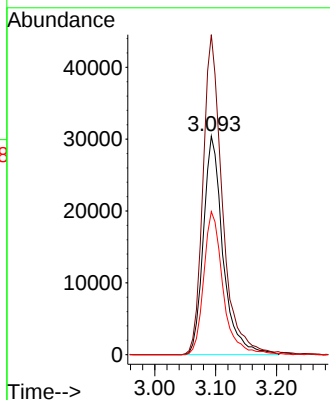
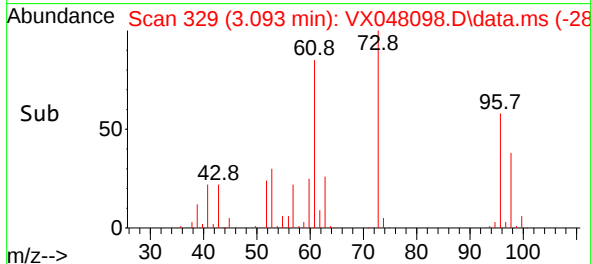
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



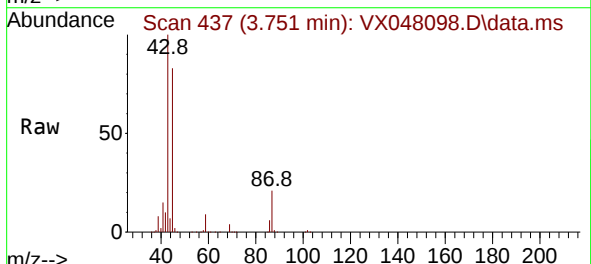
Tgt Ion: 96 Resp: 68064
Ion Ratio Lower Upper
96 100
61 146.4 116.2 174.2
98 65.5 49.3 73.9

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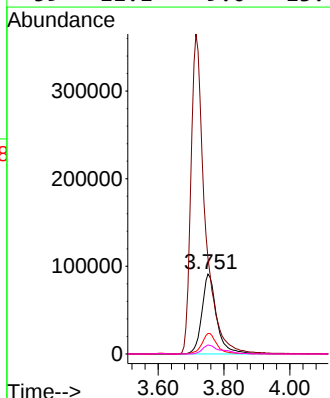
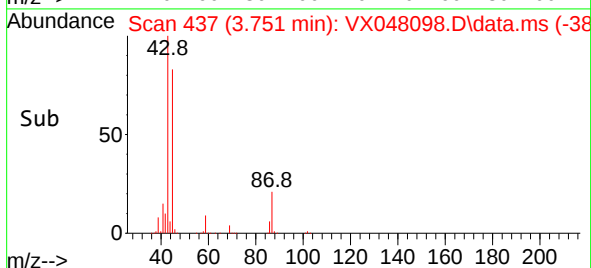
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

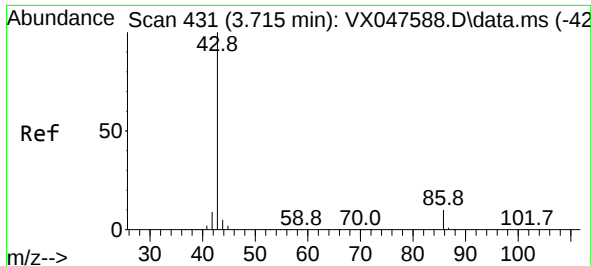


#22
Diisopropyl ether
Concen: 39.330 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



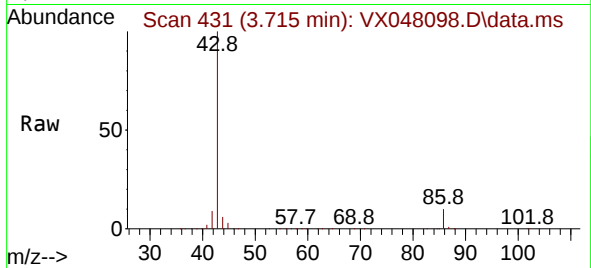
Tgt Ion: 45 Resp: 285264
Ion Ratio Lower Upper
45 100
43 119.8 81.0 121.4
87 25.7 20.3 30.5
59 11.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 187.705 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048098.D
 Acq: 09 Oct 2025 19:08

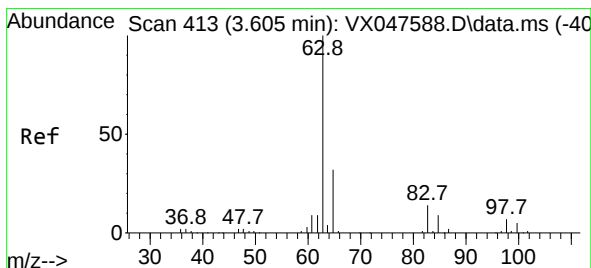
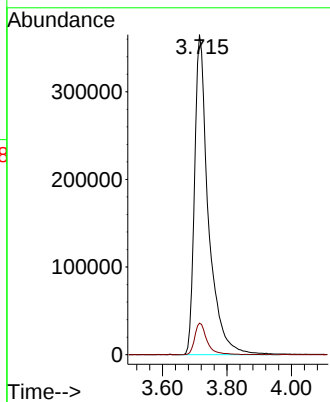
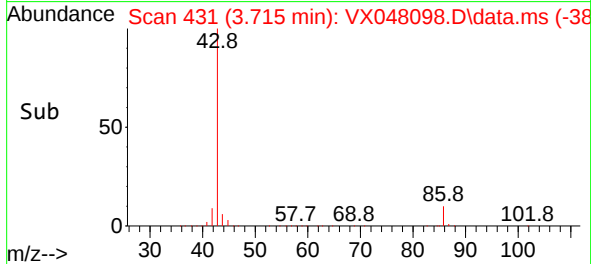
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



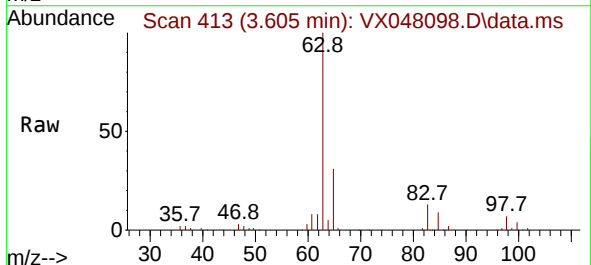
Tgt Ion: 43 Resp: 108963
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

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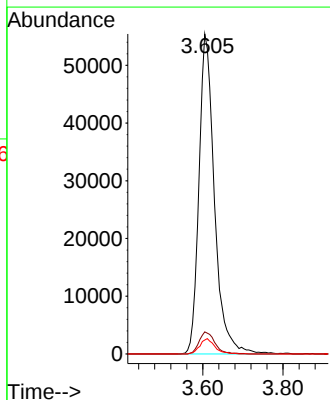
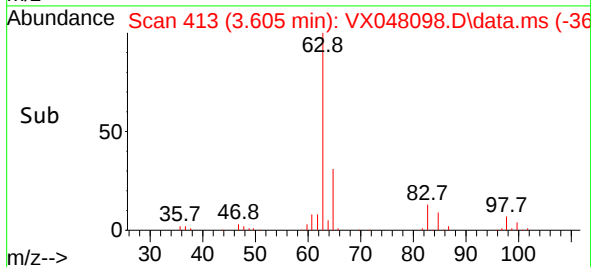
Reviewed By :John Carlone 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025

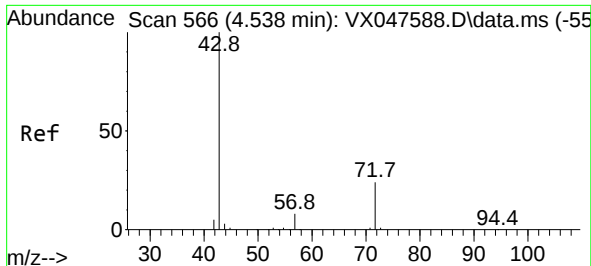


#24
 1,1-Dichloroethane
 Concen: 38.626 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048098.D
 Acq: 09 Oct 2025 19:08



Tgt Ion: 63 Resp: 148909
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.4 2.3 6.9





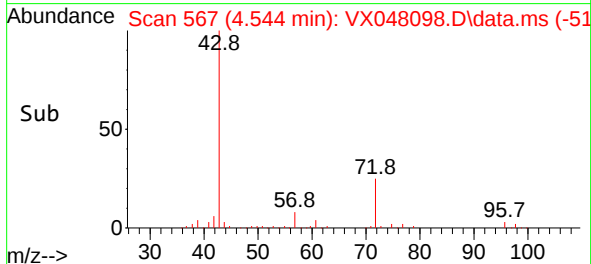
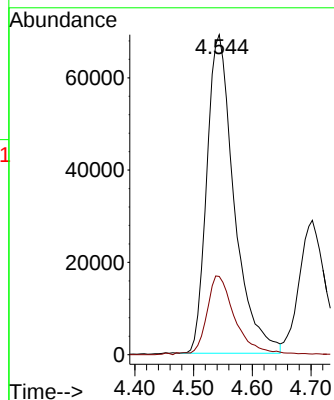
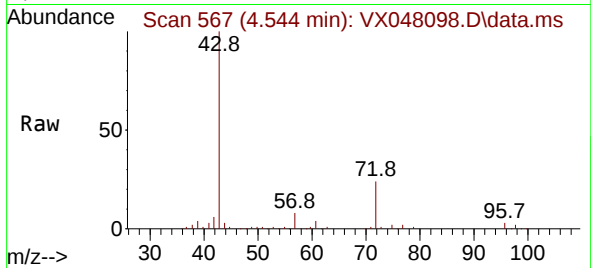
#25
2-Butanone
Concen: 169.528 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 22341
Ion Ratio Lower Upper
43 100
72 23.7 20.1 30.1

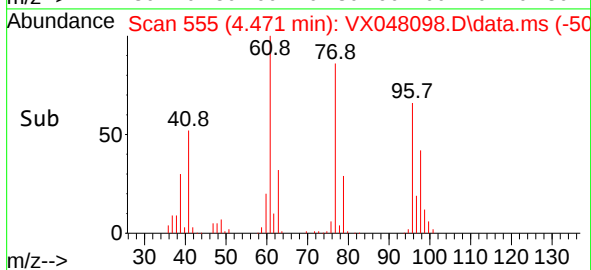
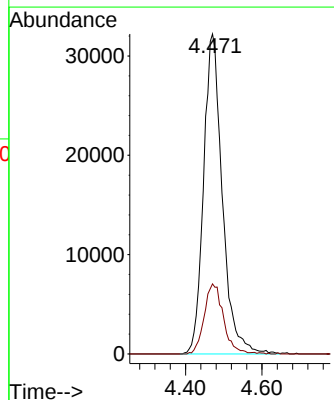
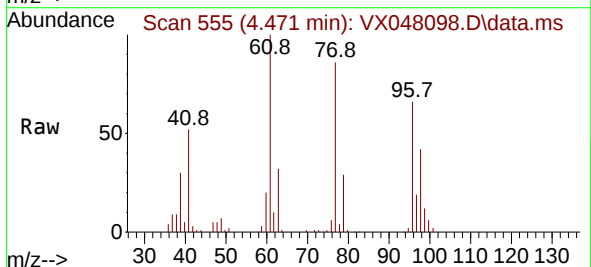
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Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#26
2,2-Dichloropropane
Concen: 34.260 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Tgt Ion: 77 Resp: 109789
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 38.009 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048098.D

Acq: 09 Oct 2025 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 90892

Ion Ratio Lower Upper

96 100

61 149.4 0.0 303.2

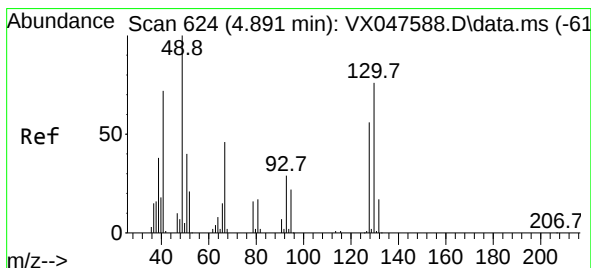
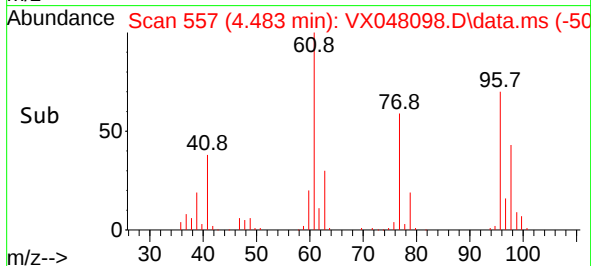
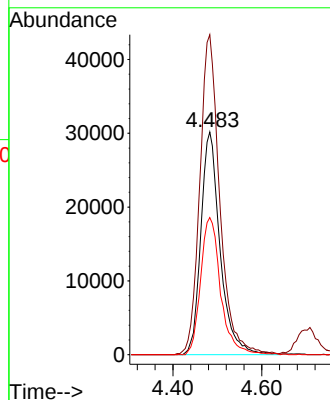
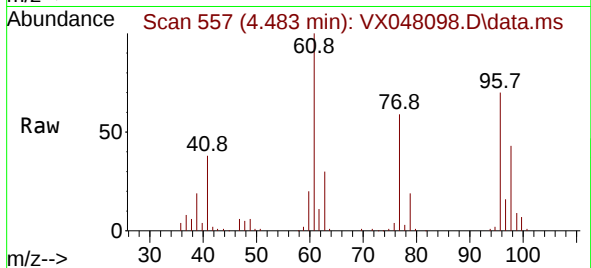
98 64.0 0.0 127.8

Manual Integrations

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Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#28

Bromochloromethane

Concen: 42.032 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048098.D

Acq: 09 Oct 2025 19:08

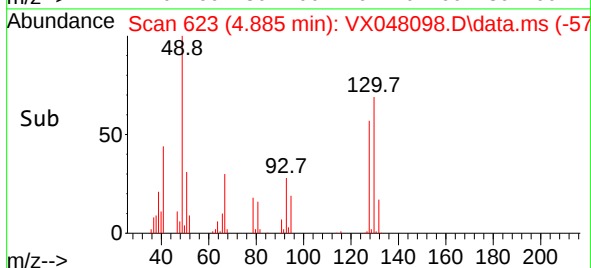
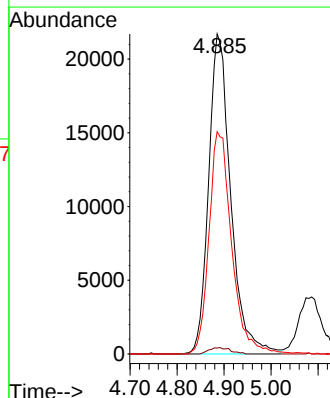
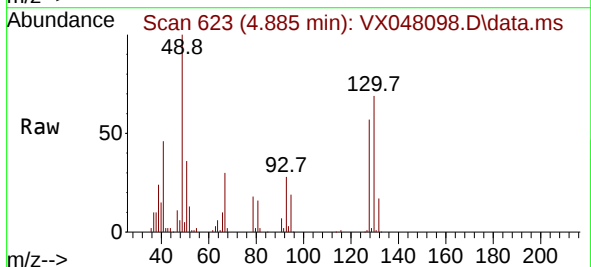
Tgt Ion: 49 Resp: 70741

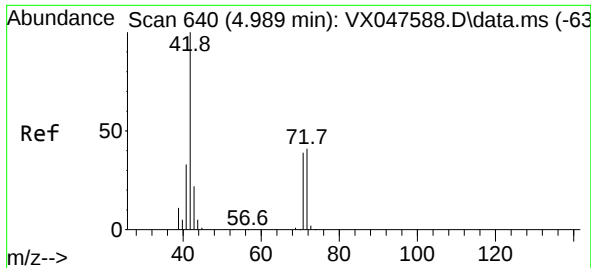
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

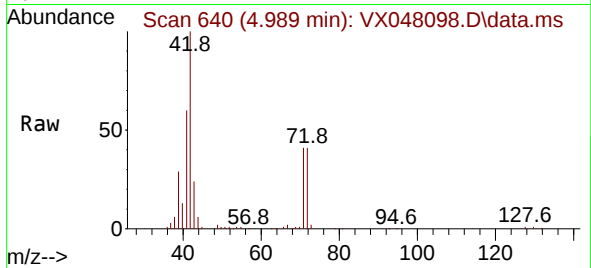
130 71.2 57.8 86.8





#29
Tetrahydrofuran
Concen: 171.999 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

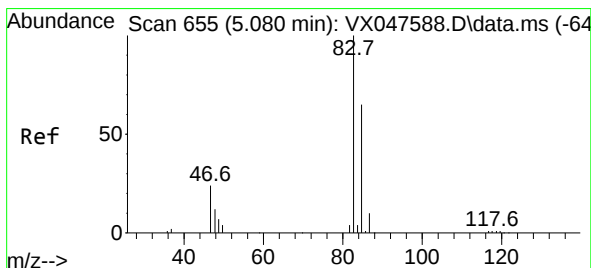
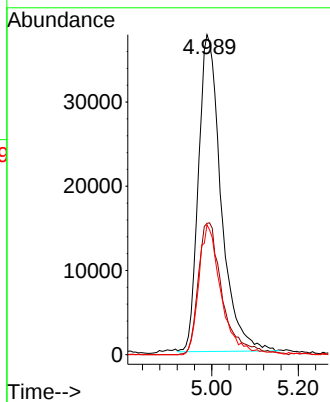
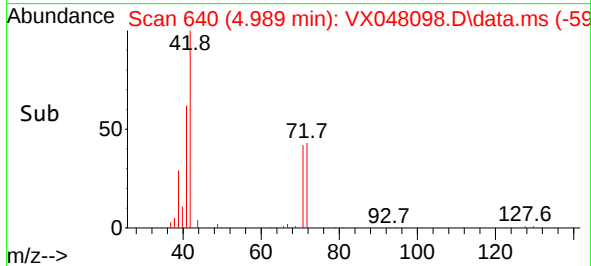
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 136359
Ion Ratio Lower Upper
42 100
72 44.6 34.2 51.2
71 40.3 31.9 47.9

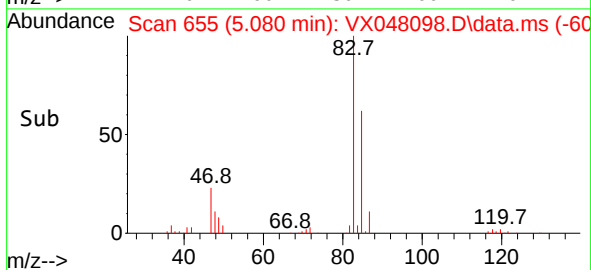
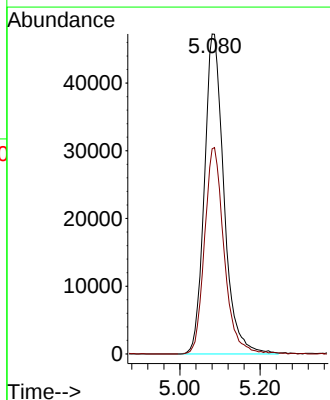
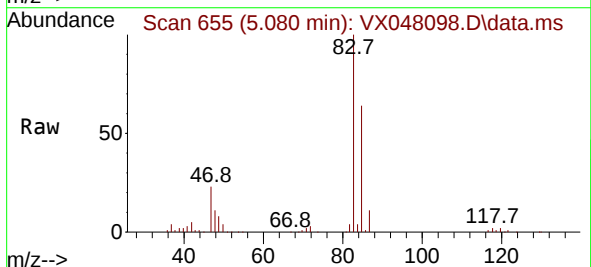
Manual Integrations
APPROVED

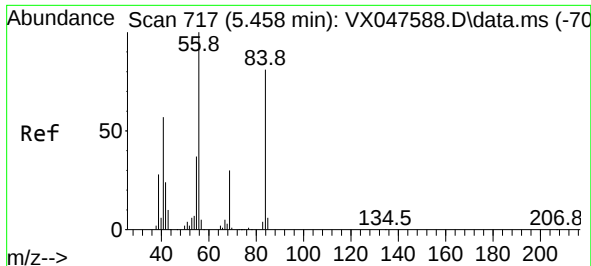
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#30
Chloroform
Concen: 41.038 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

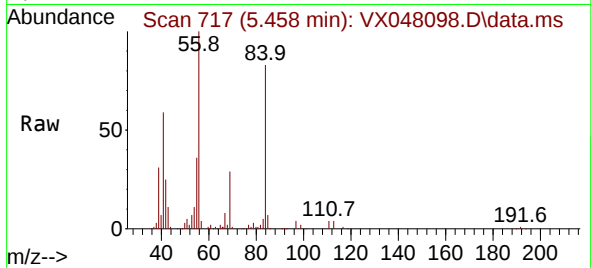
Tgt Ion: 83 Resp: 159870
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.6





#31
Cyclohexane
Concen: 31.307 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

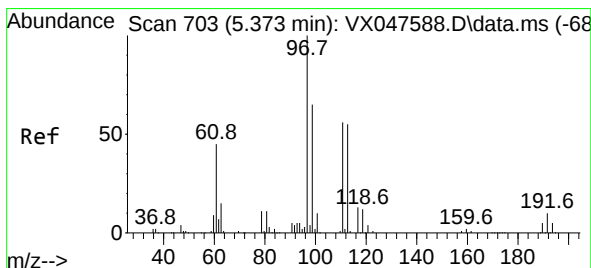
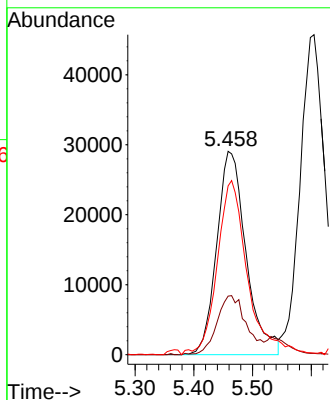
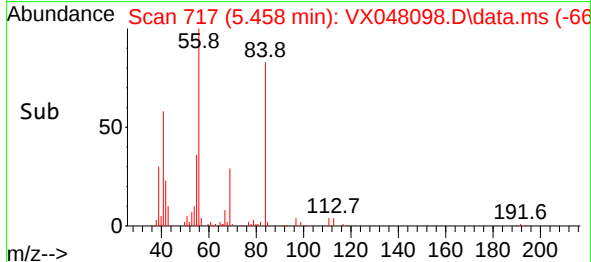
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10052
Ion Ratio Lower Upper
56 100
69 28.8 23.8 35.8
84 80.7 64.6 97.0

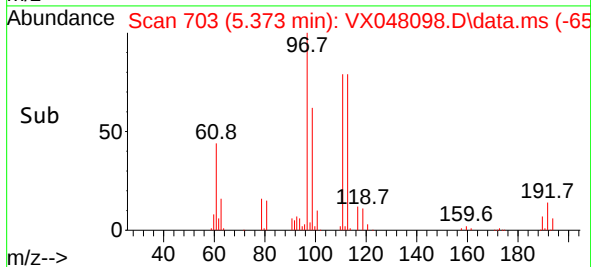
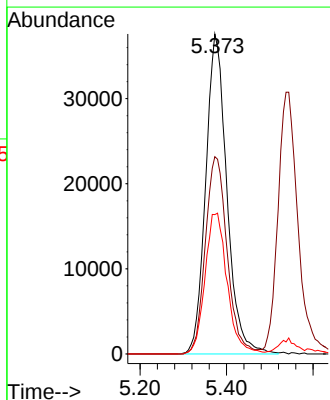
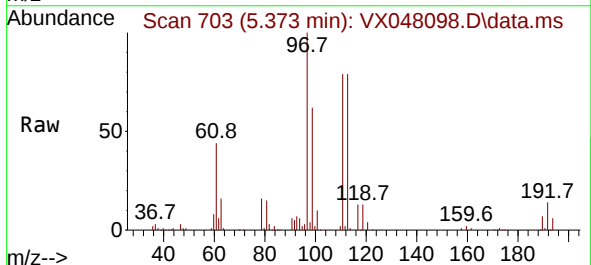
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#32
1,1,1-Trichloroethane
Concen: 38.674 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Tgt Ion: 97 Resp: 127795
Ion Ratio Lower Upper
97 100
99 63.4 50.6 76.0
61 46.0 35.8 53.8





#33
1,2-Dichloroethane-d4
Concen: 49.948 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Instrument :

MSVOA_X

ClientSampleId :

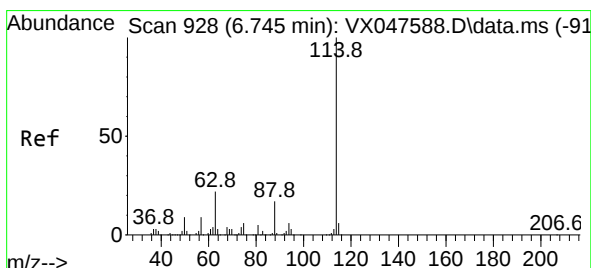
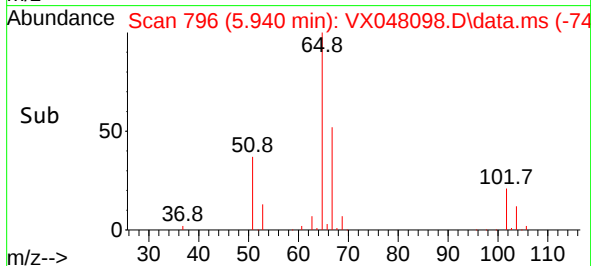
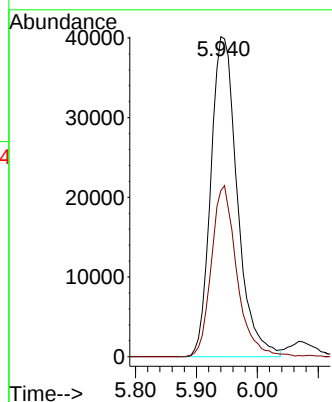
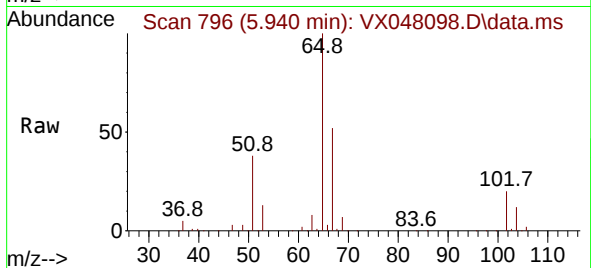
VSTDCCC050EC

Tgt Ion: 65 Resp: 121360
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

Manual Integrations

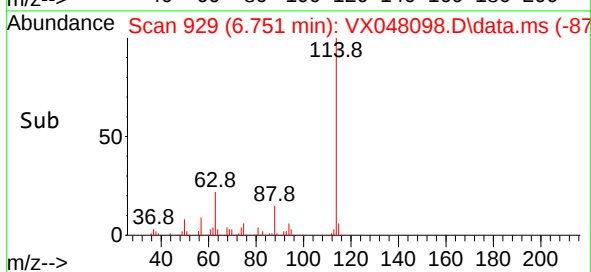
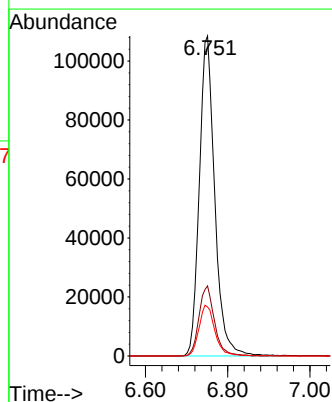
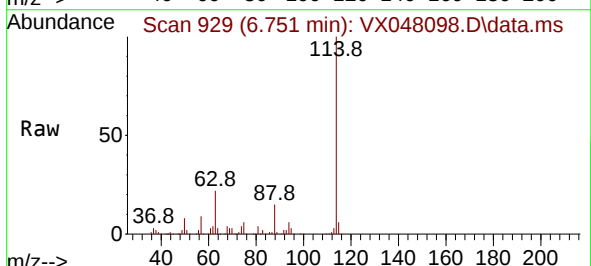
APPROVED

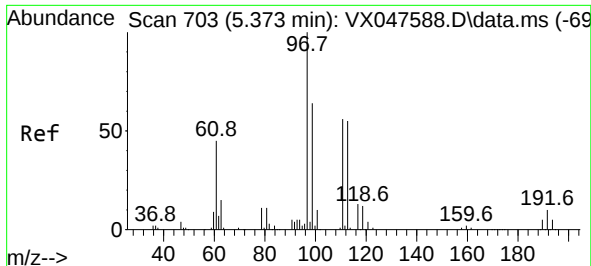
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

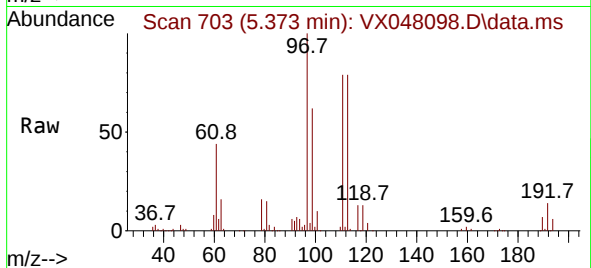
Tgt Ion:114 Resp: 281868
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 15.3 0.0 34.2





#35
Dibromofluoromethane
Concen: 50.537 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

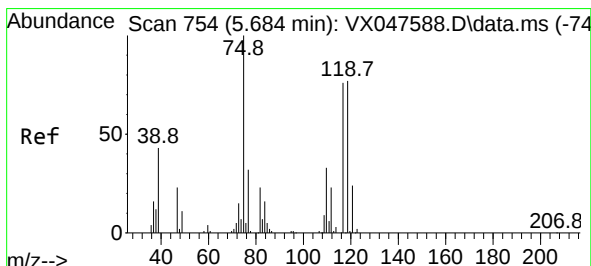
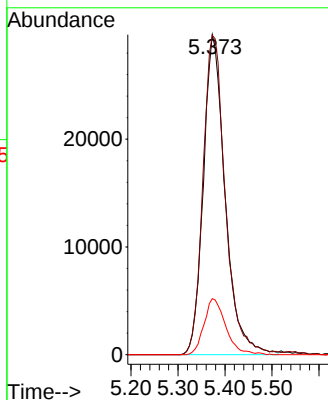
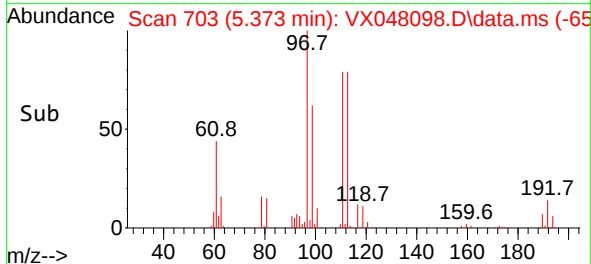
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 9553
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 17.3 14.2 21.4

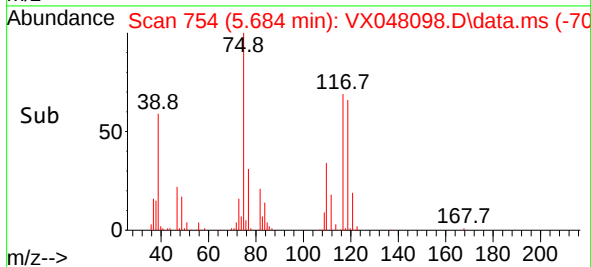
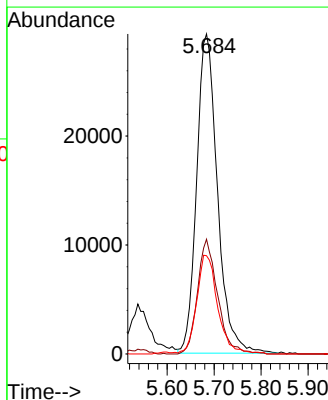
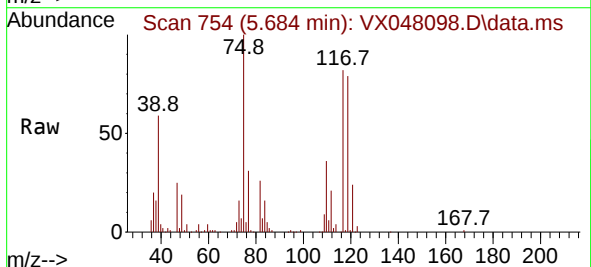
Manual Integrations
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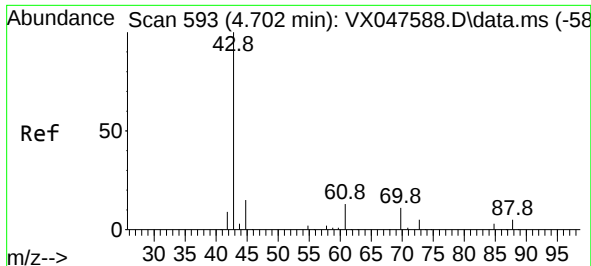
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#36
1,1-Dichloropropene
Concen: 32.658 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Tgt Ion: 75 Resp: 90209
Ion Ratio Lower Upper
75 100
110 34.8 16.7 50.1
77 31.4 24.3 36.5





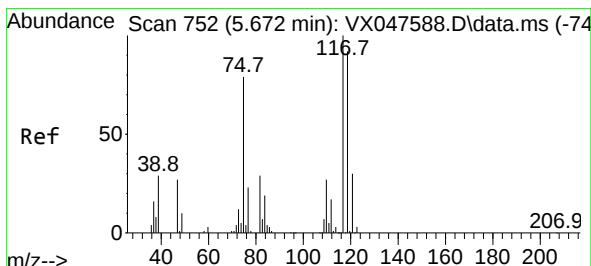
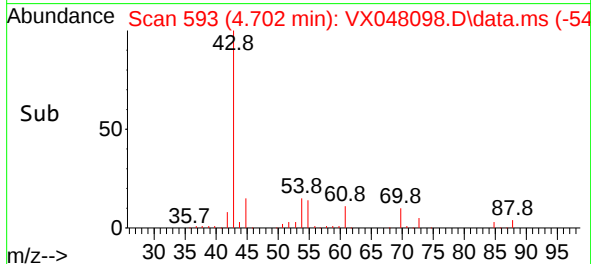
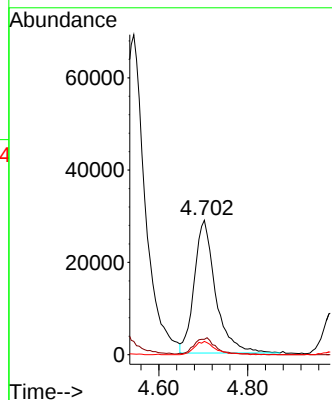
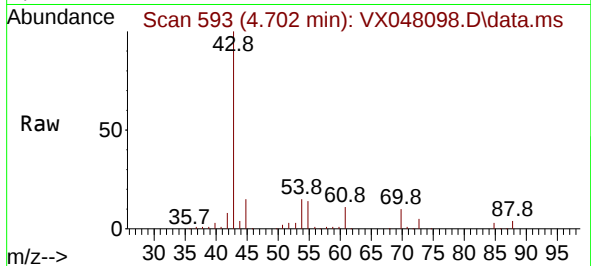
#37
Ethyl Acetate
Concen: 32.402 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 9583
Ion Ratio Lower Upper
43 100
61 13.4 9.8 14.8
70 9.8 7.9 11.9

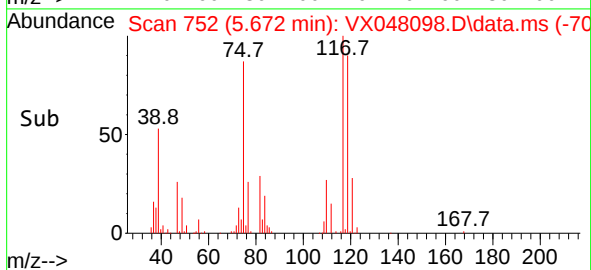
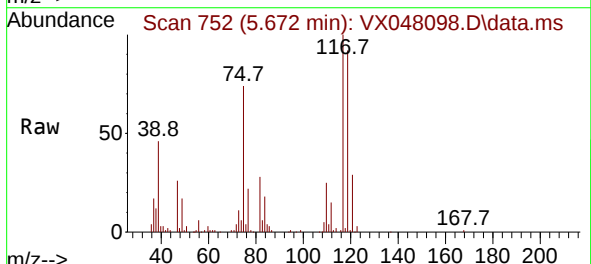
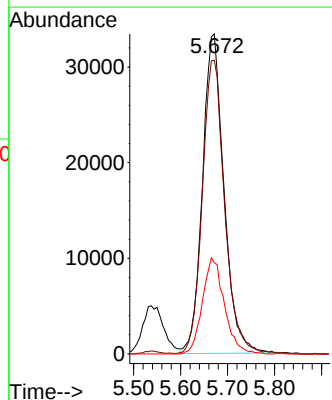
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#38
Carbon Tetrachloride
Concen: 35.352 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

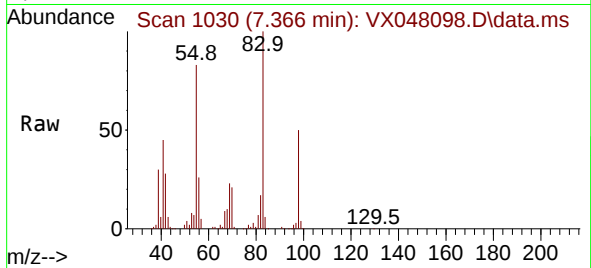
Tgt Ion:117 Resp: 106100
Ion Ratio Lower Upper
117 100
119 91.8 73.4 110.2
121 28.6 23.8 35.6





#39
Methylcyclohexane
Concen: 29.971 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

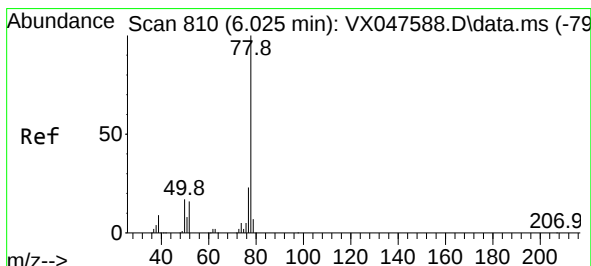
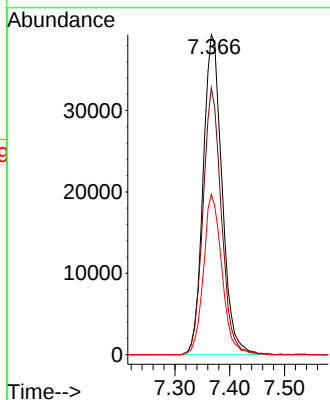
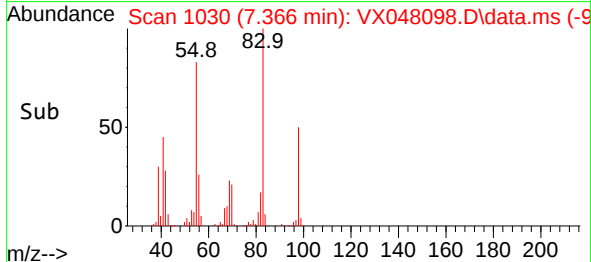
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 93975
Ion Ratio Lower Upper
83 100
55 83.4 66.4 99.6
98 50.1 38.1 57.1

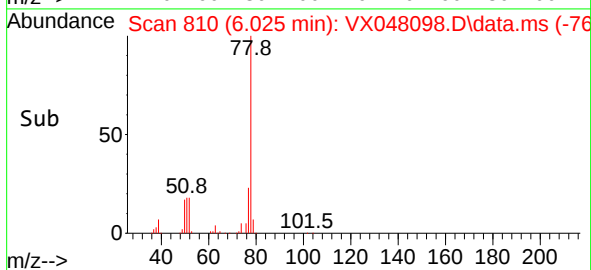
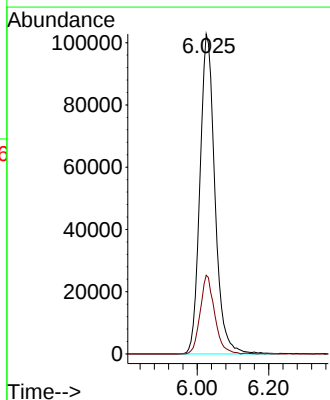
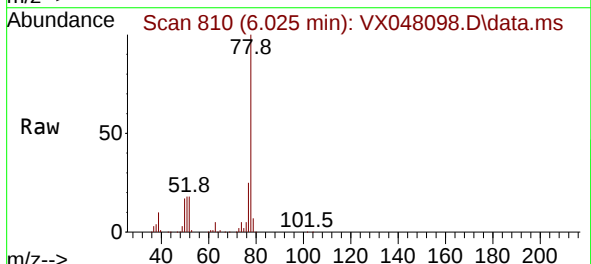
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#40
Benzene
Concen: 35.600 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

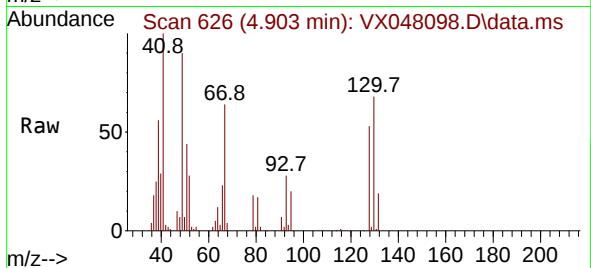
Tgt Ion: 78 Resp: 298672
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2





#41
Methacrylonitrile
Concen: 36.190 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

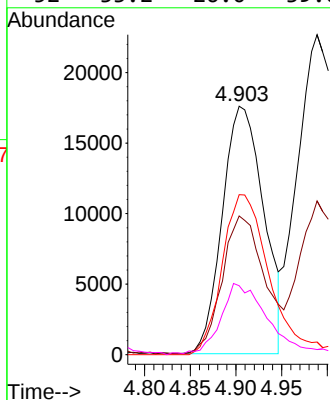
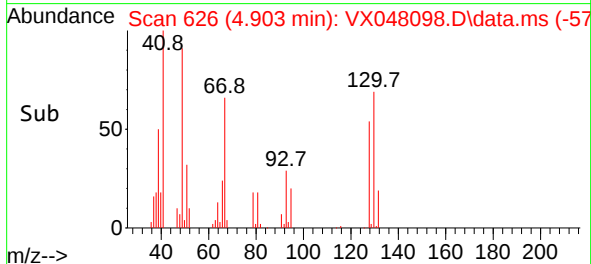
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



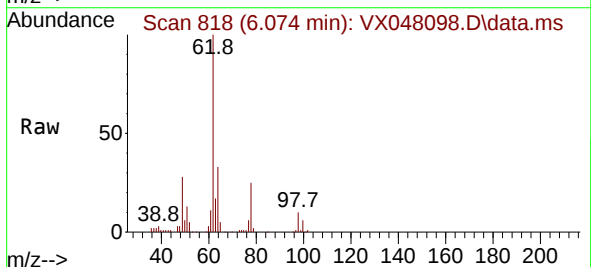
Tgt Ion: 41 Resp: 5525
Ion Ratio Lower Upper
41 100
39 57.7 43.3 64.9
67 74.3 58.6 87.8
52 33.2 26.0 39.0

Manual Integrations
APPROVED

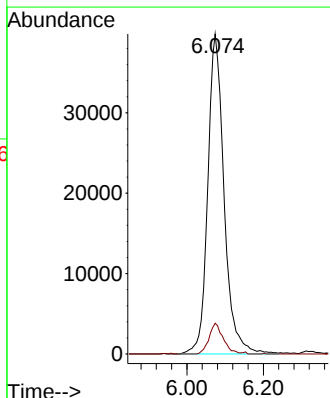
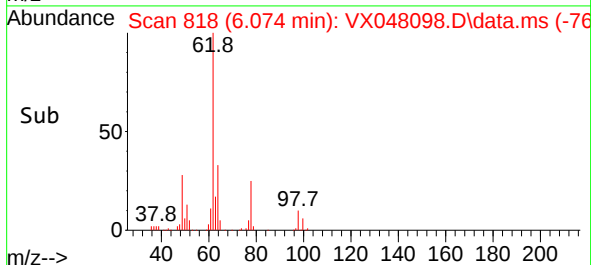
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

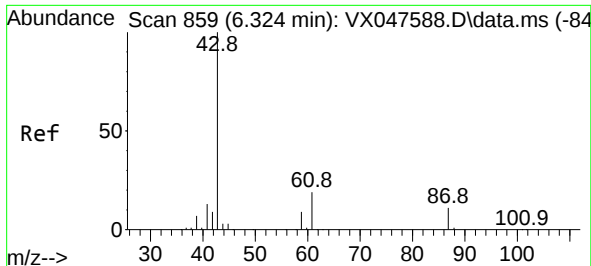


#42
1,2-Dichloroethane
Concen: 36.943 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



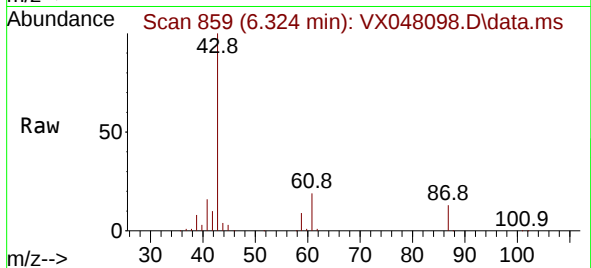
Tgt Ion: 62 Resp: 117928
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.0





#43
Isopropyl Acetate
Concen: 34.518 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

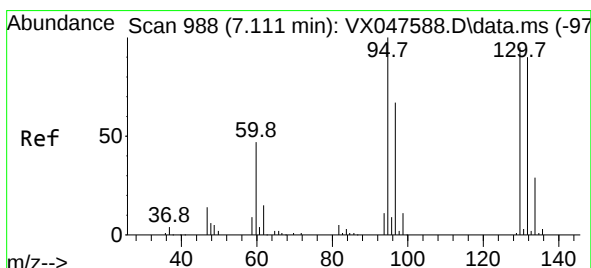
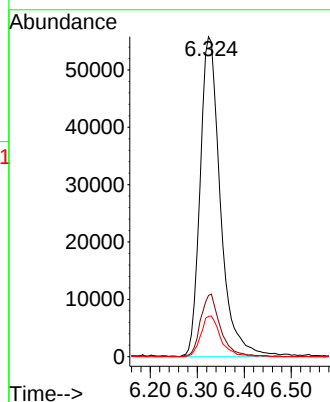
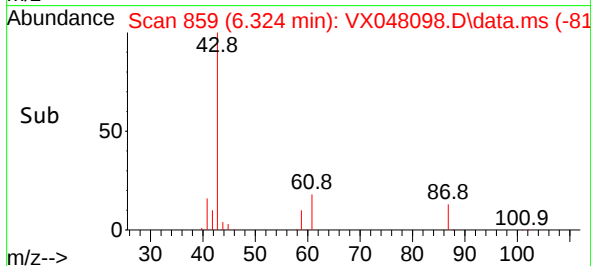
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16743
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.4 9.6 14.4

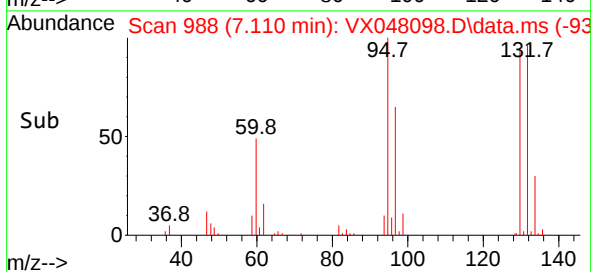
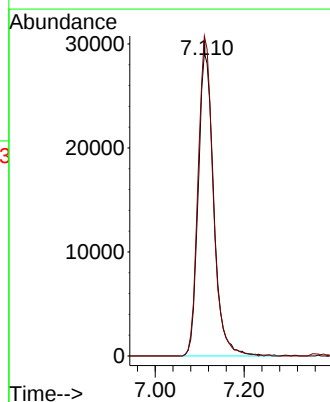
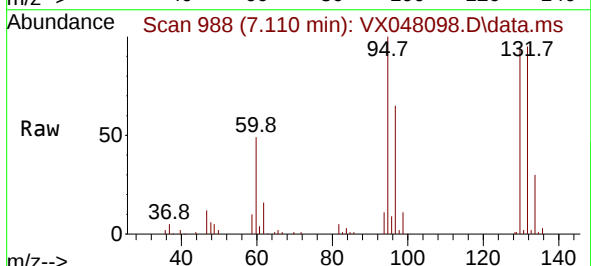
Manual Integrations
APPROVED

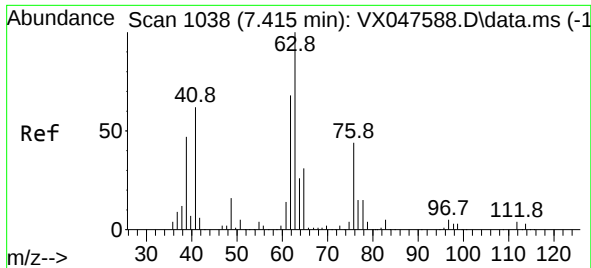
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#44
Trichloroethene
Concen: 34.991 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Tgt Ion:130 Resp: 70973
Ion Ratio Lower Upper
130 100
95 105.6 0.0 210.8





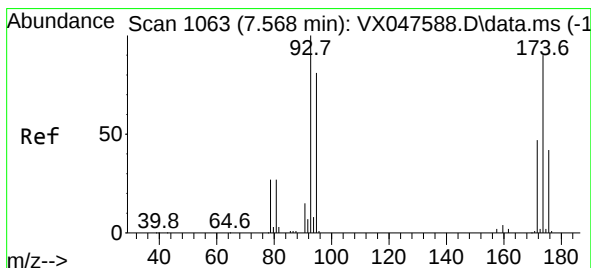
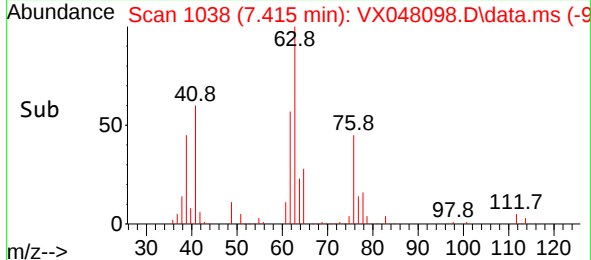
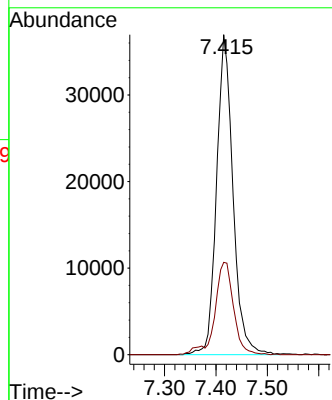
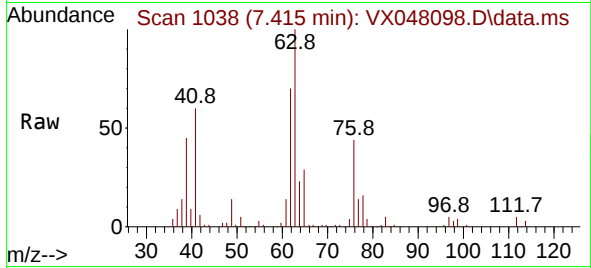
#45
1,2-Dichloropropane
Concen: 38.159 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 81970
Ion Ratio Lower Upper
63 100
65 28.9 24.7 37.1

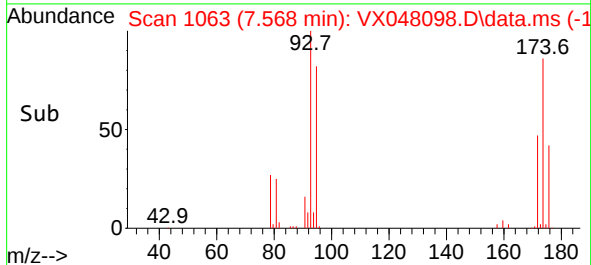
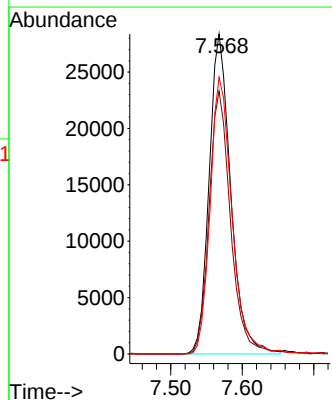
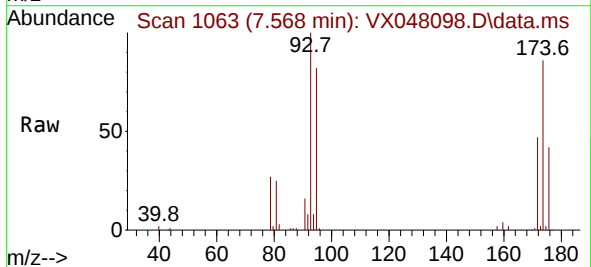
Manual Integrations
APPROVED

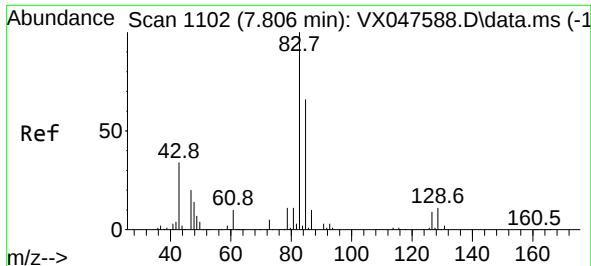
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#46
Dibromomethane
Concen: 38.097 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

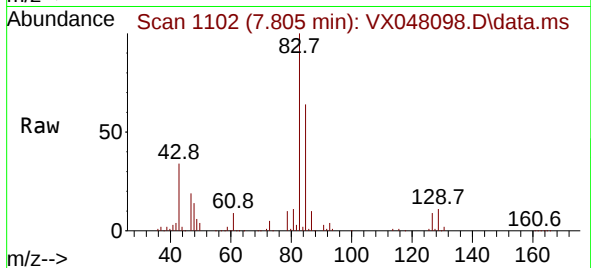
Tgt Ion: 93 Resp: 59557
Ion Ratio Lower Upper
93 100
95 82.1 65.0 97.6
174 87.8 71.6 107.4





#47
Bromodichloromethane
Concen: 40.007 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

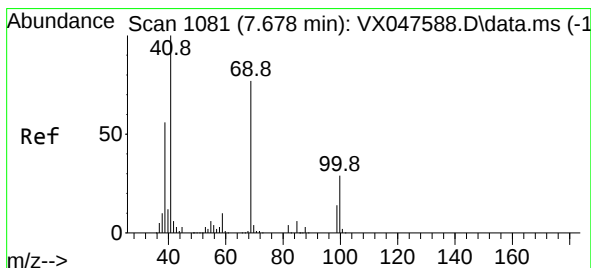
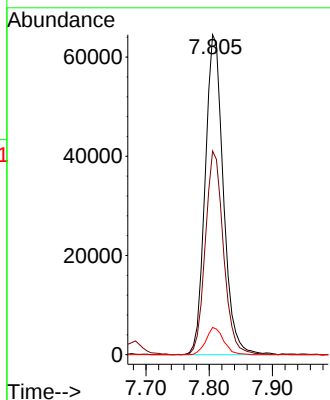
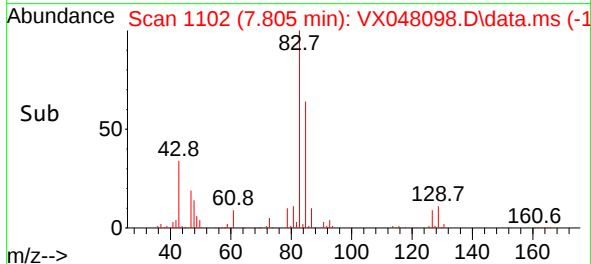
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 12906
Ion Ratio Lower Upper
83 100
85 63.6 52.5 78.7
127 8.5 6.9 10.3

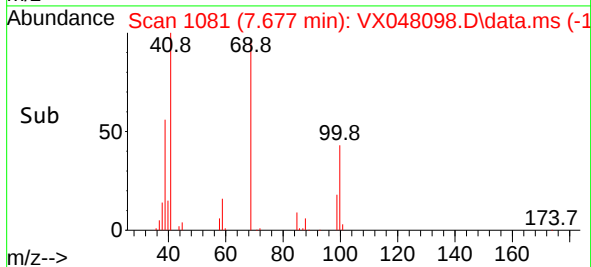
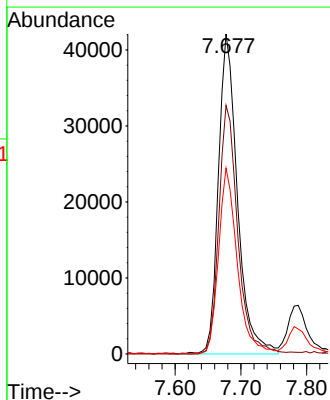
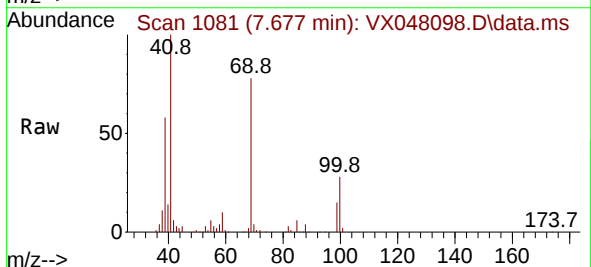
Manual Integrations
APPROVED

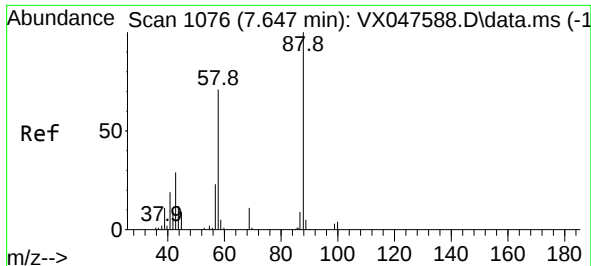
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#48
Methyl methacrylate
Concen: 35.184 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

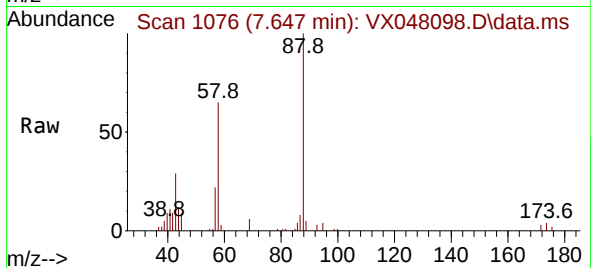
Tgt Ion: 41 Resp: 85009
Ion Ratio Lower Upper
41 100
69 76.9 61.4 92.2
39 57.0 45.8 68.6





#49
1,4-Dioxane
Concen: 717.958 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

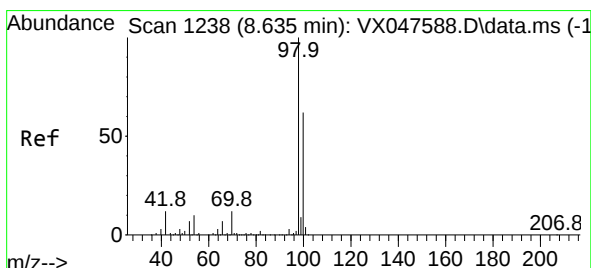
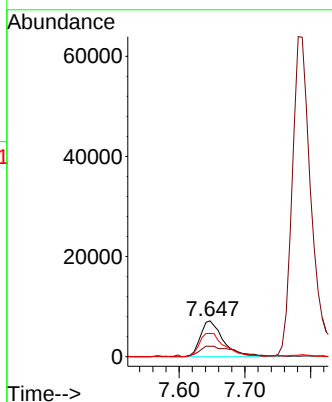
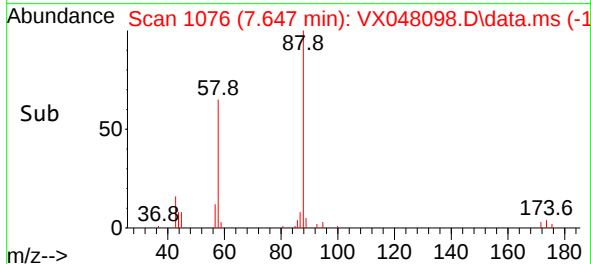
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



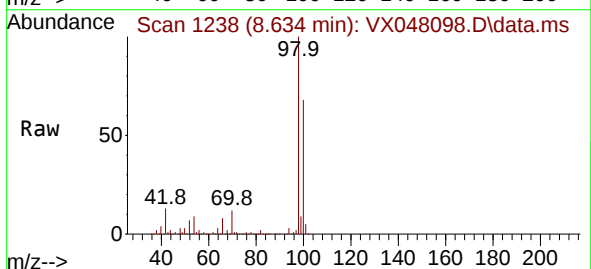
Tgt Ion: 88 Resp: 1753
Ion Ratio Lower Upper
88 100
43 42.7 30.2 45.2
58 71.0 59.5 89.3

Manual Integrations
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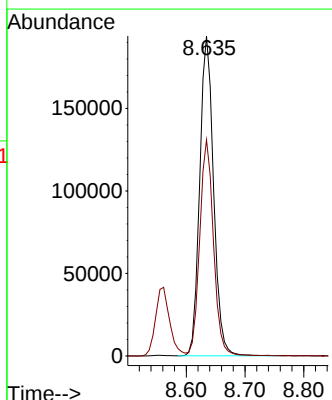
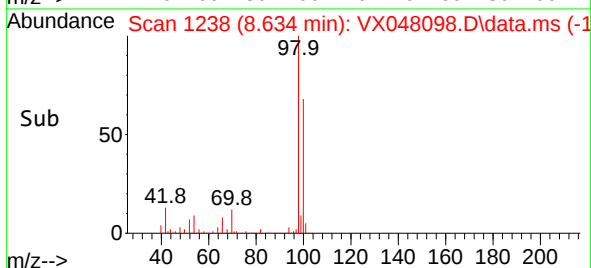
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#50
Toluene-d8
Concen: 48.600 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



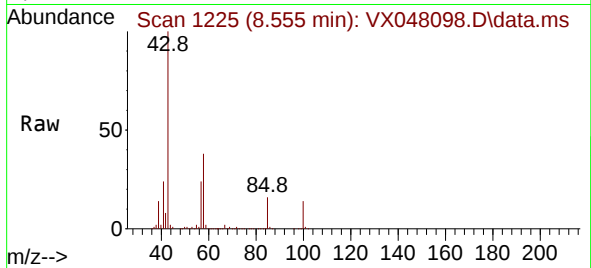
Tgt Ion: 98 Resp: 317892
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 183.473 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

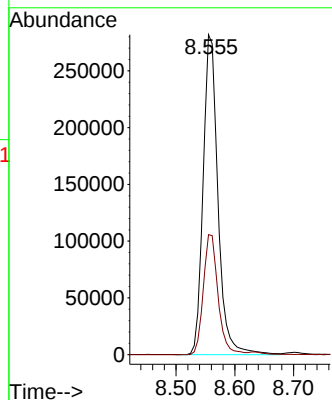
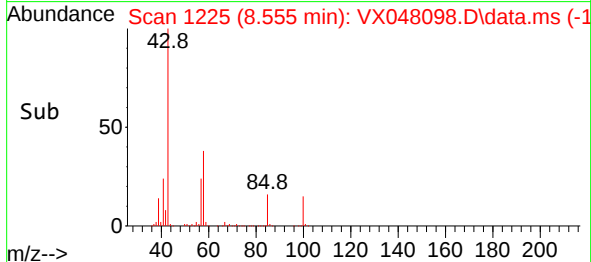
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 49343
Ion Ratio Lower Upper
43 100
58 37.4 30.3 45.5

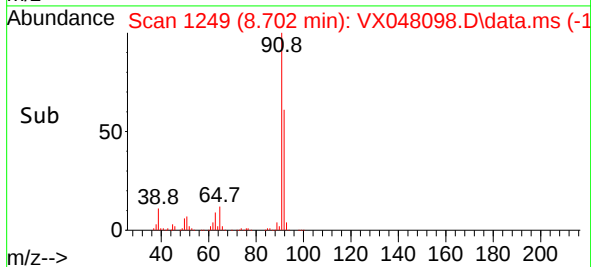
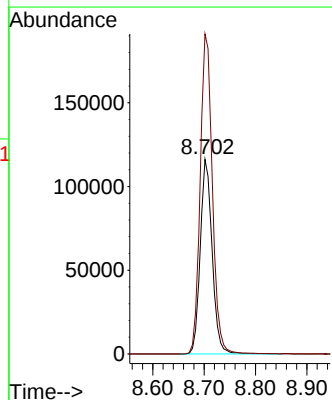
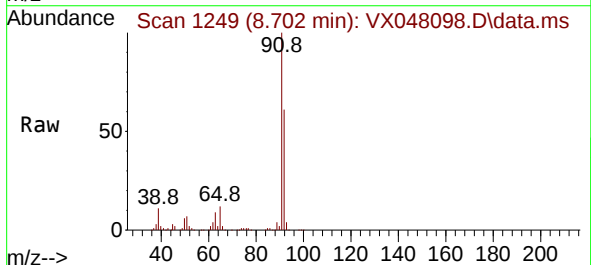
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#52
Toluene
Concen: 36.108 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

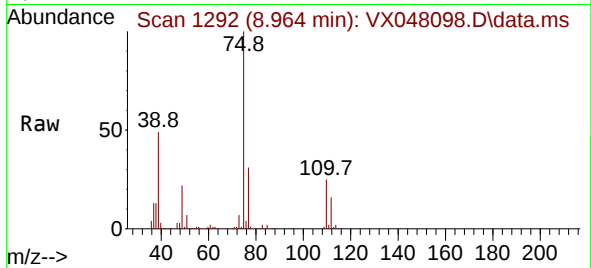
Tgt Ion: 92 Resp: 186637
Ion Ratio Lower Upper
92 100
91 168.4 137.1 205.7





#53
 t-1,3-Dichloropropene
 Concen: 36.759 ug/l
 RT: 8.964 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VX048098.D
 Acq: 09 Oct 2025 19:08

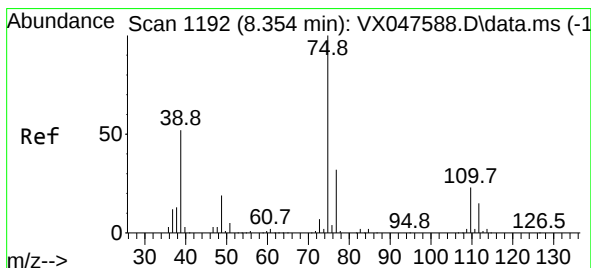
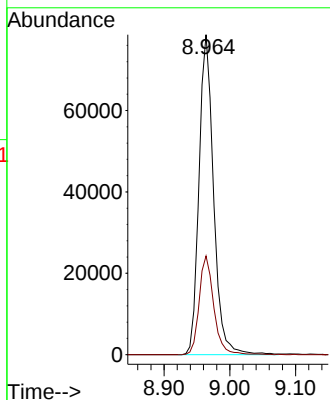
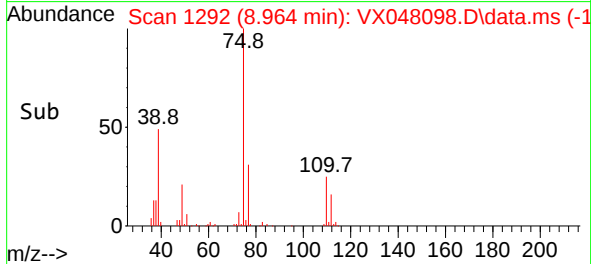
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 120958
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2

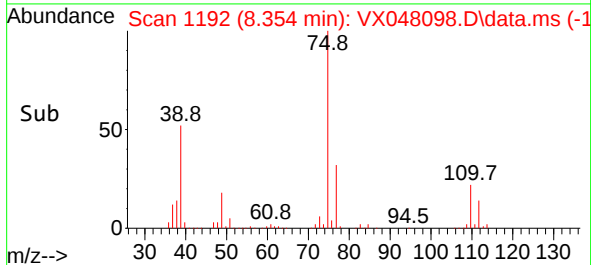
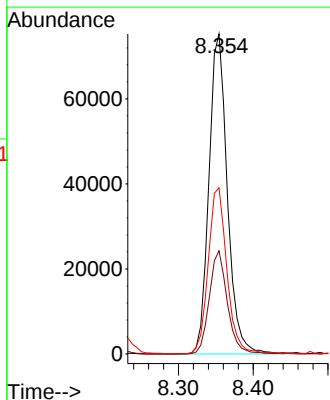
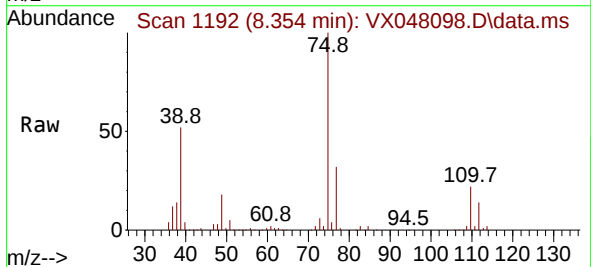
Manual Integrations
 APPROVED

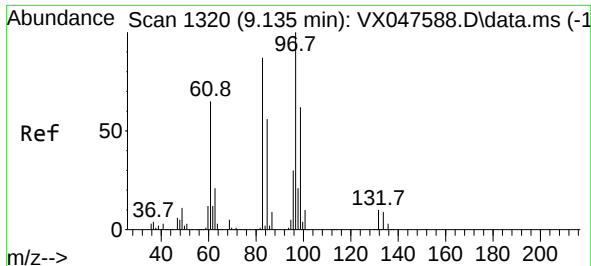
Reviewed By :John Carlone 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#54
 cis-1,3-Dichloropropene
 Concen: 36.672 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: VX048098.D
 Acq: 09 Oct 2025 19:08

Tgt Ion: 75 Resp: 128978
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6
 39 51.6 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 39.678 ug/l

RT: 9.134 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048098.D

Acq: 09 Oct 2025 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

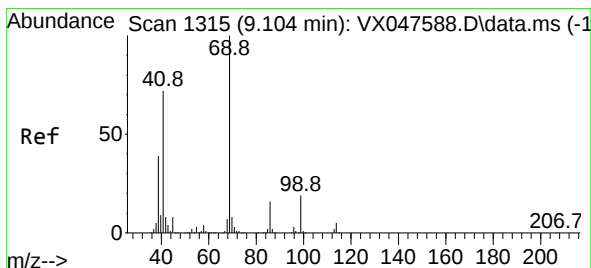
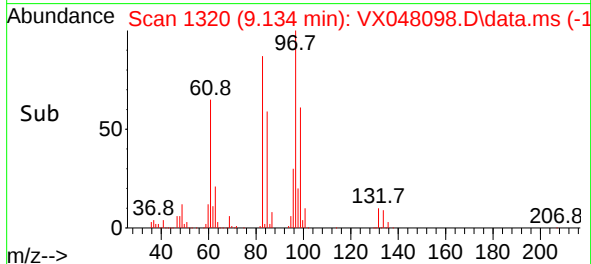
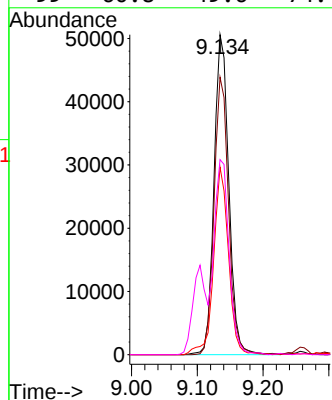
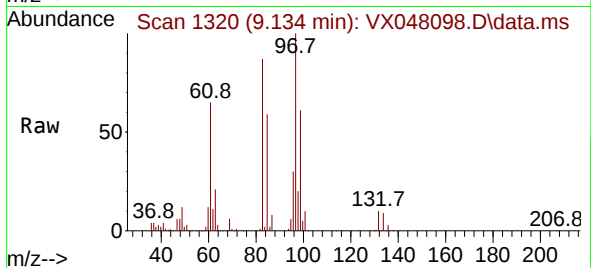
Tgt Ion:	97	Resp:	7908
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.6	104.4
85	58.6	45.0	67.6
99	60.8	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#56

Ethyl methacrylate

Concen: 36.892 ug/l

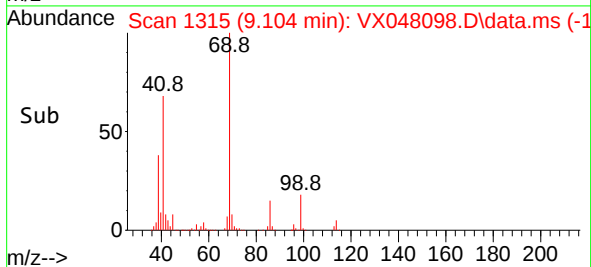
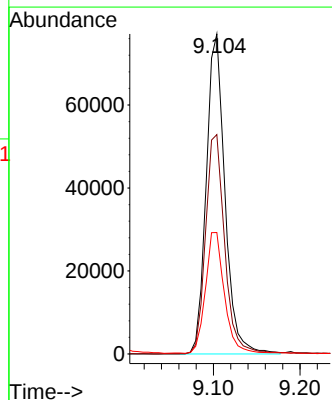
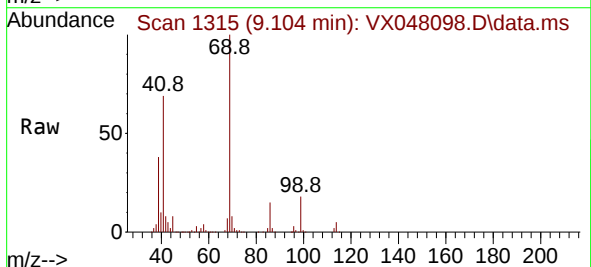
RT: 9.104 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VX048098.D

Acq: 09 Oct 2025 19:08

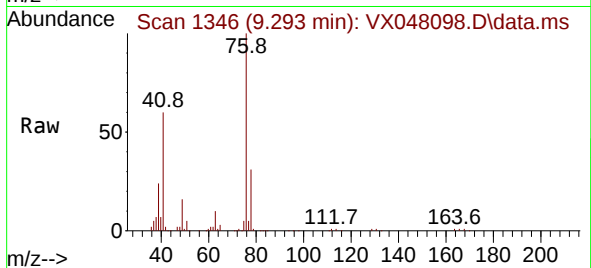
Tgt Ion:	69	Resp:	115474
Ion	Ratio	Lower	Upper
69	100		
41	70.9	58.6	87.8
39	39.1	31.5	47.3





#57
1,3-Dichloropropane
Concen: 38.897 ug/l
RT: 9.293 min Scan# 1133170
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

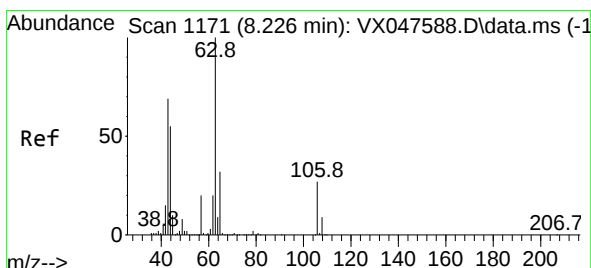
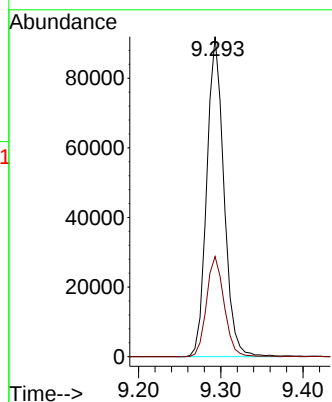
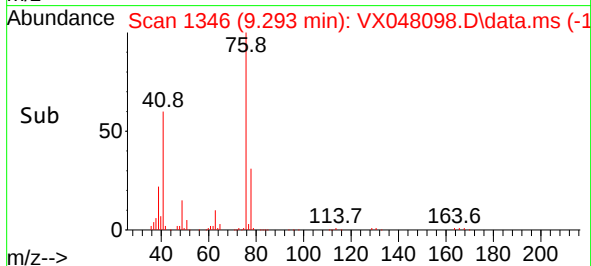
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 133170
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

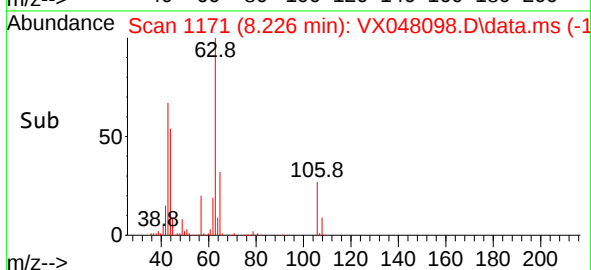
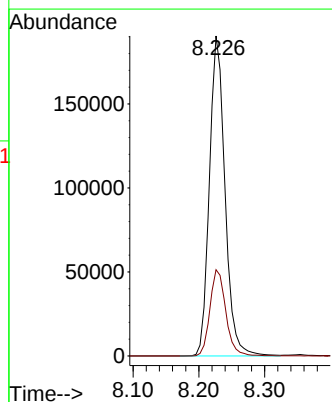
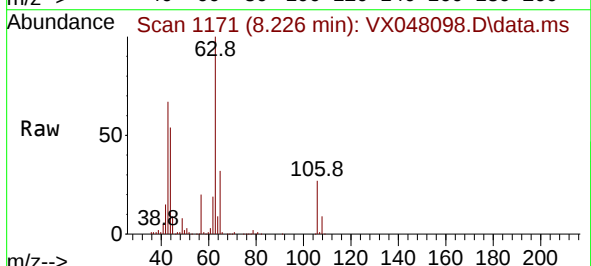
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58
2-Chloroethyl Vinyl ether
Concen: 212.953 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

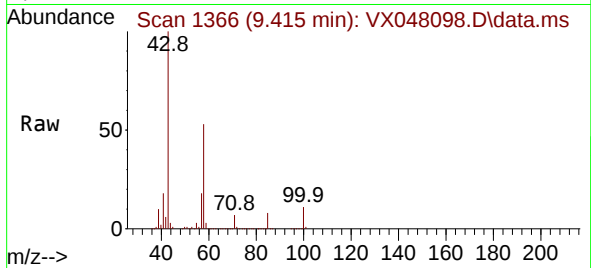
Tgt Ion: 63 Resp: 314836
Ion Ratio Lower Upper
63 100
106 27.4 21.9 32.9





#59
2-Hexanone
Concen: 171.490 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

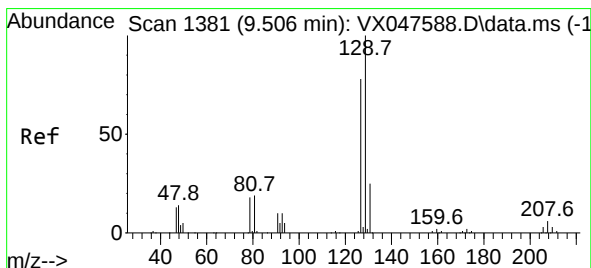
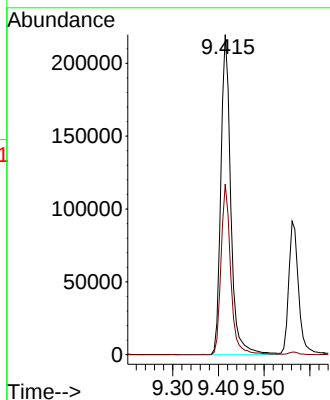
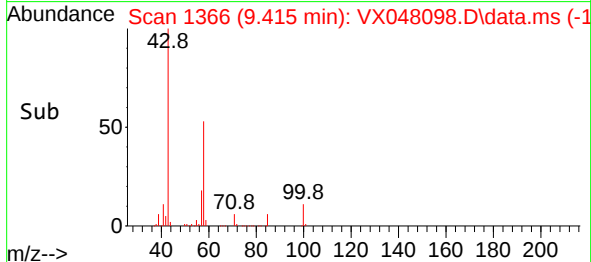
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 331240
Ion Ratio Lower Upper
43 100
58 52.1 26.1 78.2

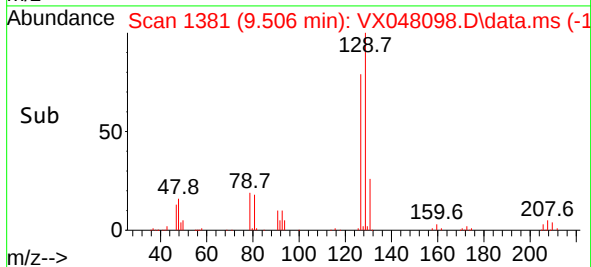
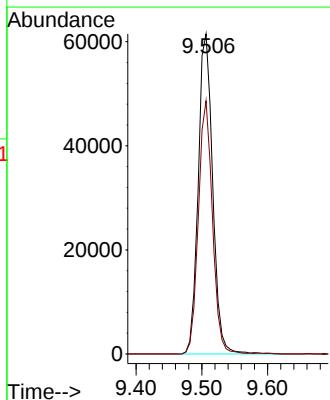
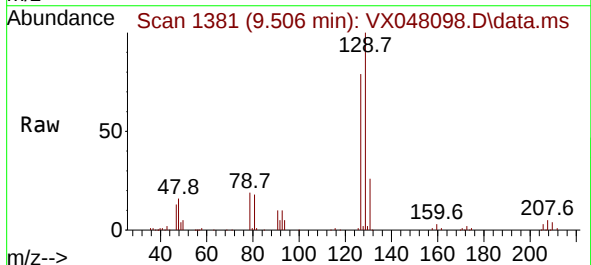
Manual Integrations
APPROVED

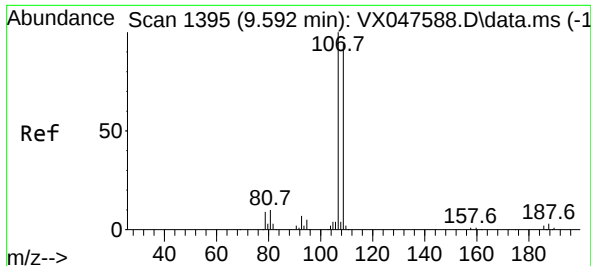
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#60
Dibromochloromethane
Concen: 40.851 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

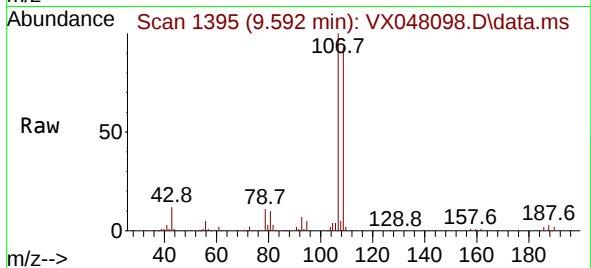
Tgt Ion:129 Resp: 93815
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61
1,2-Dibromoethane
Concen: 37.938 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

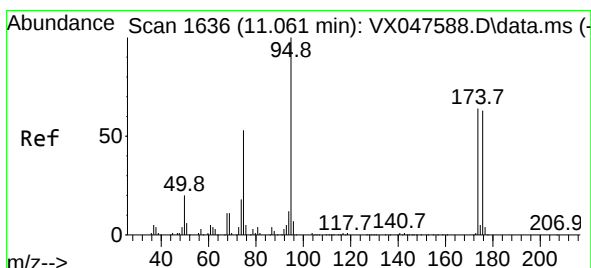
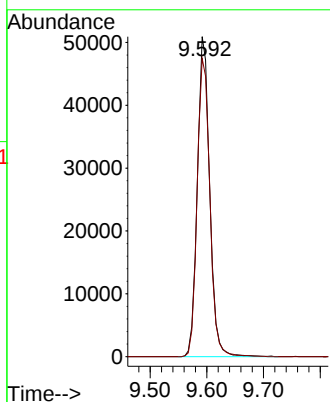
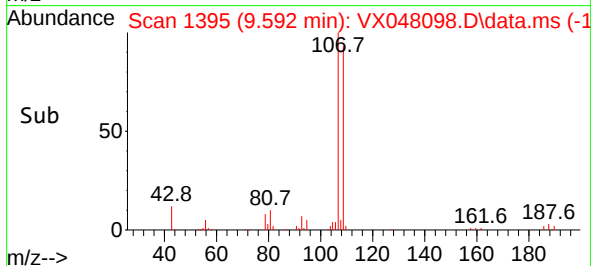
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



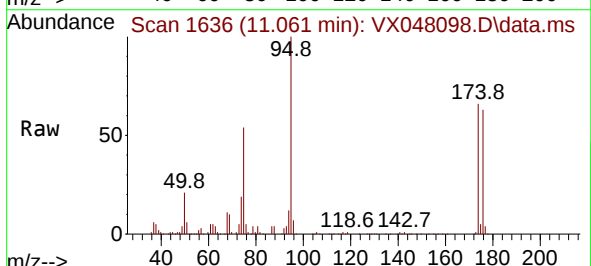
Tgt Ion:107 Resp: 77010
Ion Ratio Lower Upper
107 100
109 96.1 75.3 112.9

Manual Integrations
APPROVED

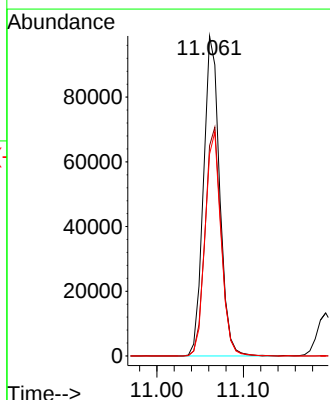
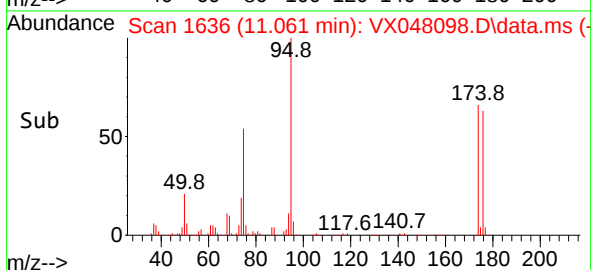
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#62
4-Bromofluorobenzene
Concen: 51.499 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



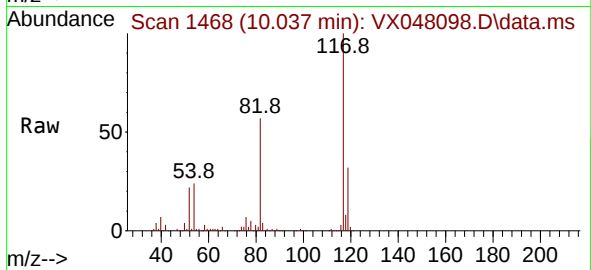
Tgt Ion: 95 Resp: 127843
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 69.4 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

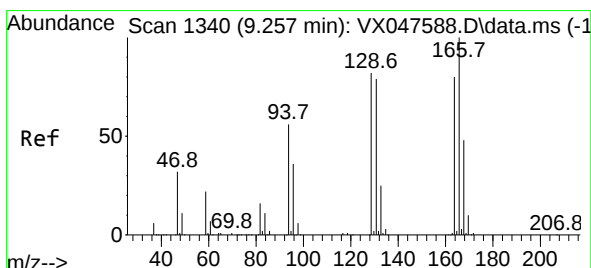
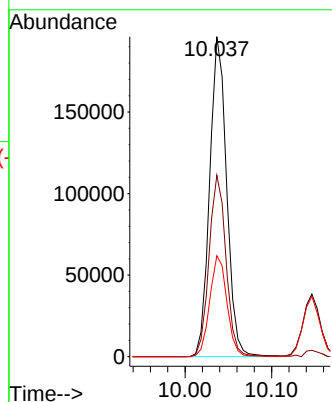
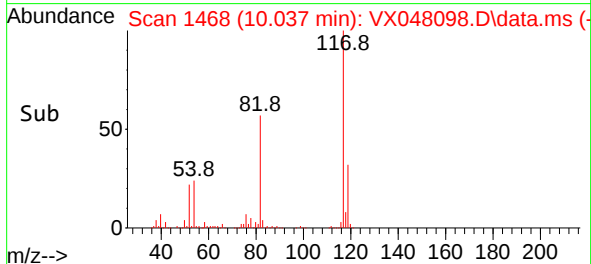
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 26737
Ion Ratio Lower Upper
117 100
82 56.7 47.8 71.6
119 31.6 25.2 37.8

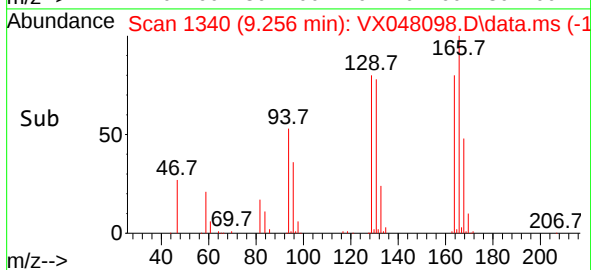
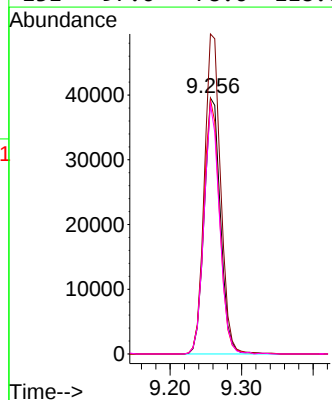
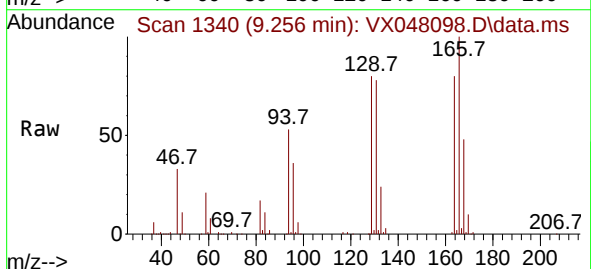
Manual Integrations
APPROVED

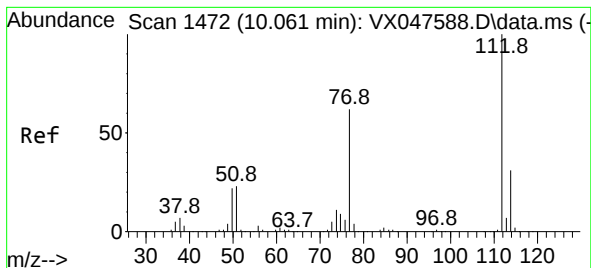
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#64
Tetrachloroethene
Concen: 35.658 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Tgt Ion:164 Resp: 62151
Ion Ratio Lower Upper
164 100
166 125.0 100.2 150.2
129 99.4 81.8 122.6
131 97.6 78.6 118.0





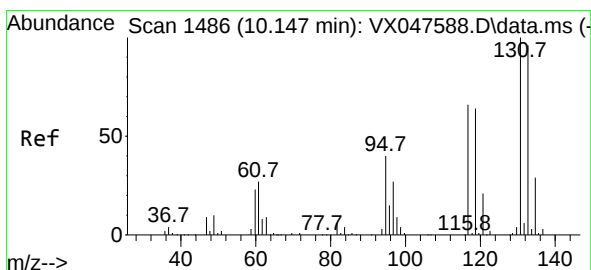
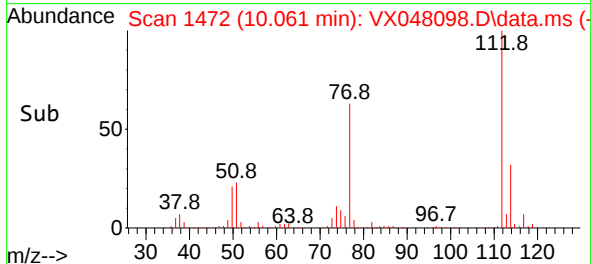
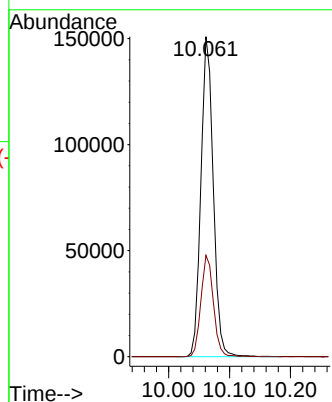
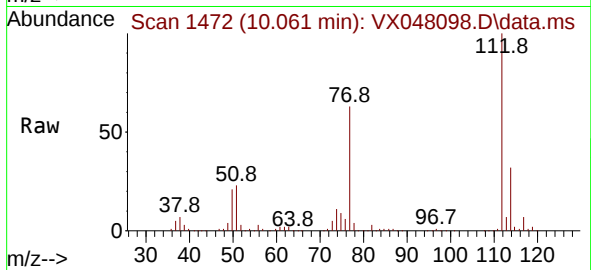
#65
Chlorobenzene
Concen: 35.063 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 212980
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7

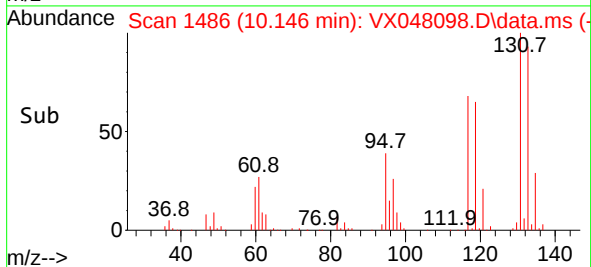
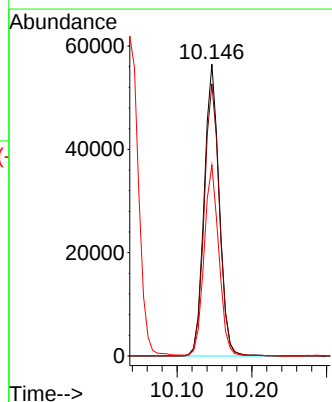
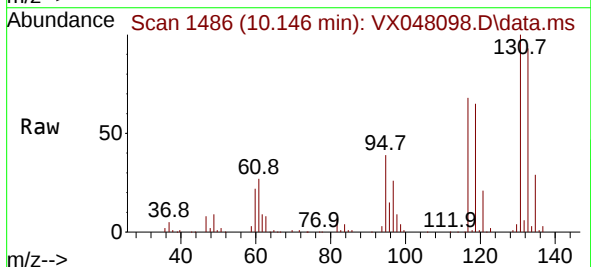
Manual Integrations
APPROVED

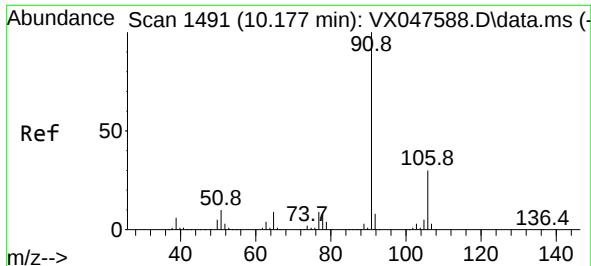
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 37.460 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

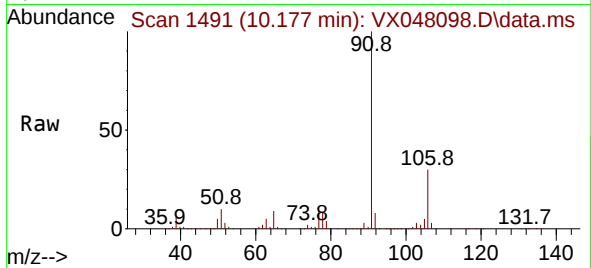
Tgt Ion:131 Resp: 78517
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 64.7 32.0 96.0





#67
Ethyl Benzene
Concen: 33.777 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

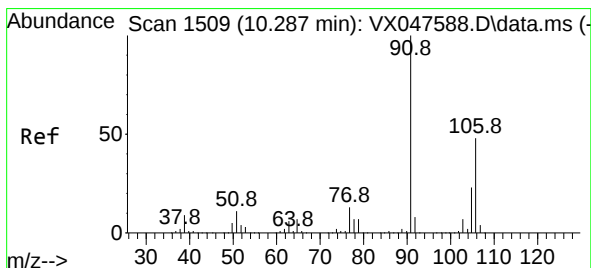
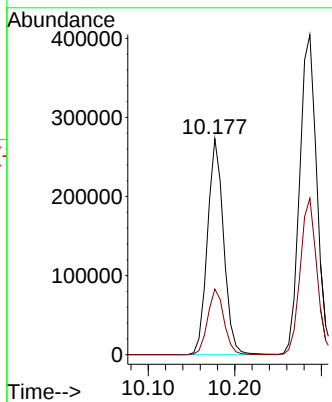
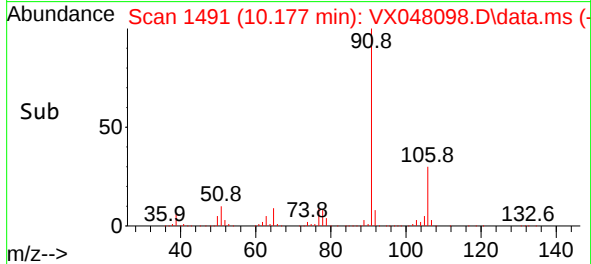
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



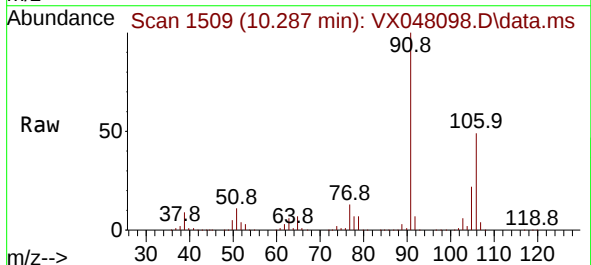
Tgt Ion: 91 Resp: 353992
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

Manual Integrations
APPROVED

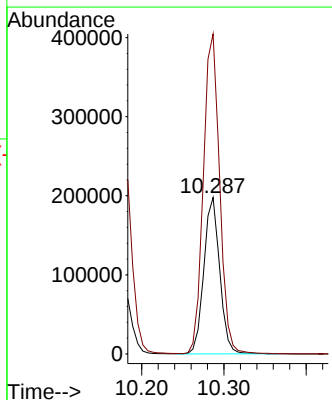
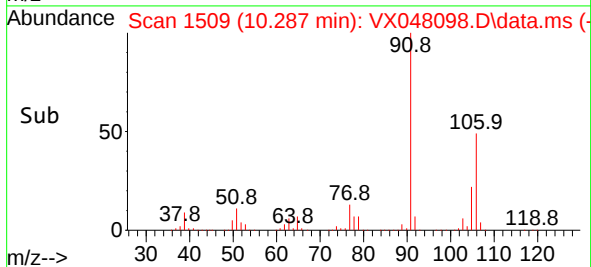
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

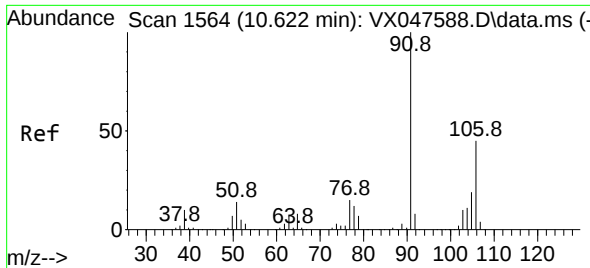


#68
m/p-Xylenes
Concen: 67.930 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



Tgt Ion:106 Resp: 264992
Ion Ratio Lower Upper
106 100
91 210.6 167.8 251.8





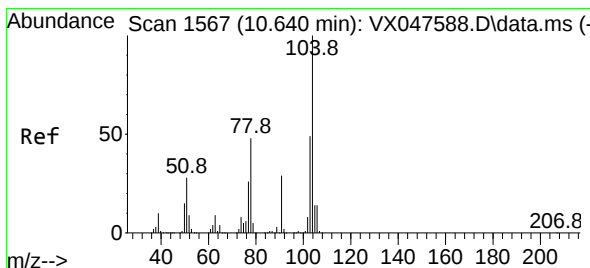
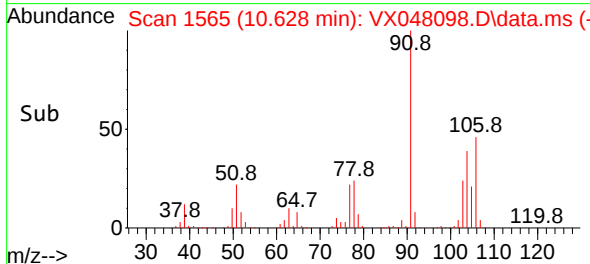
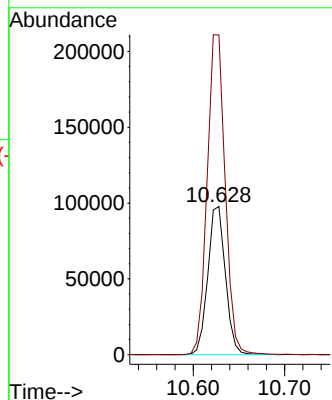
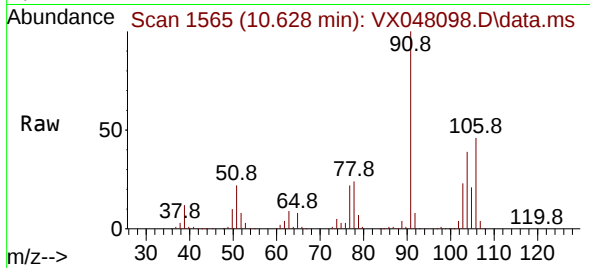
#69
o-Xylene
Concen: 34.671 ug/l
RT: 10.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 130819
Ion Ratio Lower Upper
106 100
91 220.7 111.1 333.4

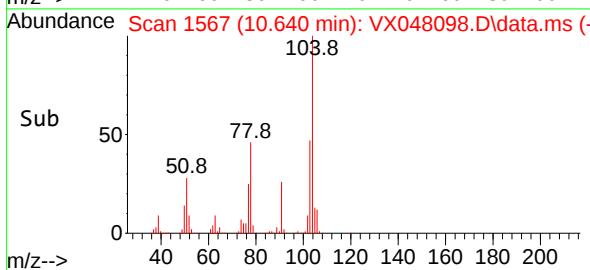
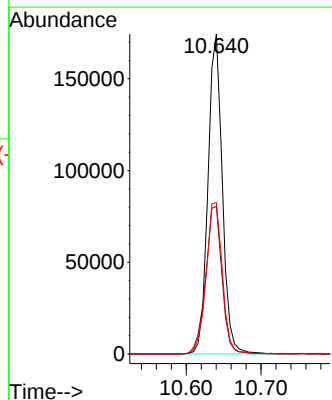
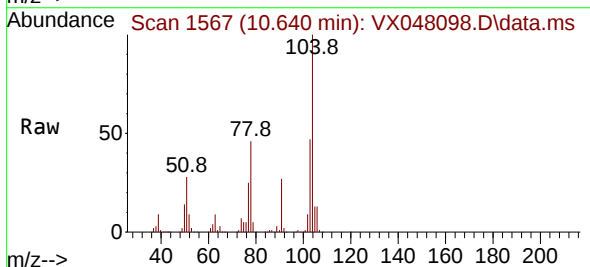
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#70
Styrene
Concen: 35.149 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Tgt Ion:104 Resp: 232376
Ion Ratio Lower Upper
104 100
78 52.6 43.1 64.7
103 53.5 43.1 64.7





#71

Bromoform

Concen: 38.036 ug/l

RT: 10.780 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048098.D

Acq: 09 Oct 2025 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

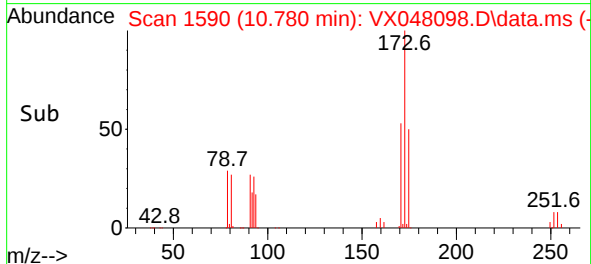
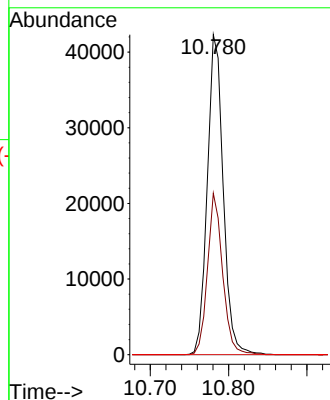
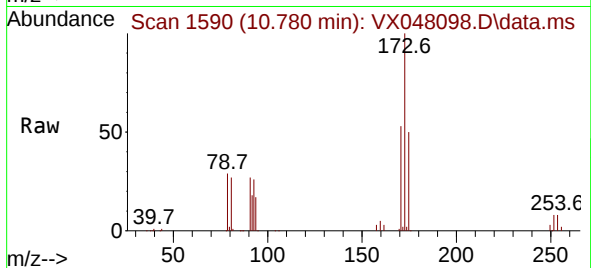
Tgt Ion:173 Resp: 59529
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.9 74.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

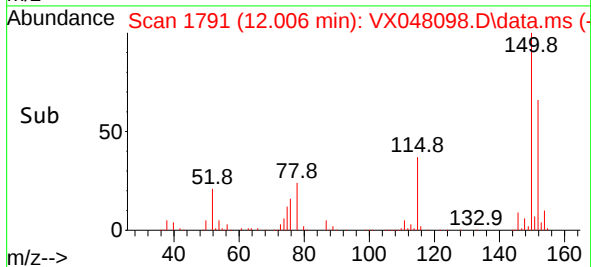
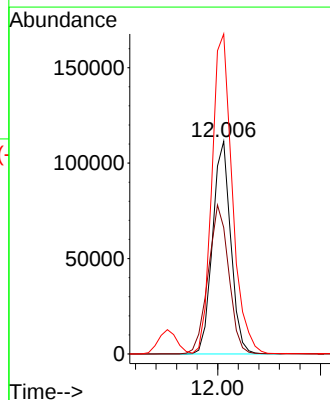
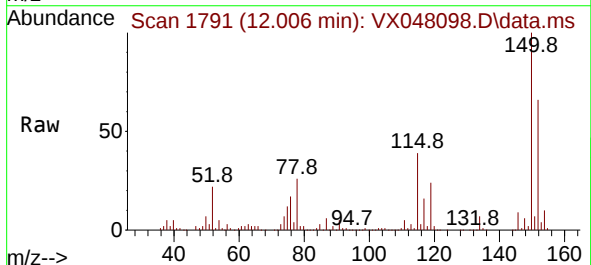
RT: 12.006 min Scan# 1791

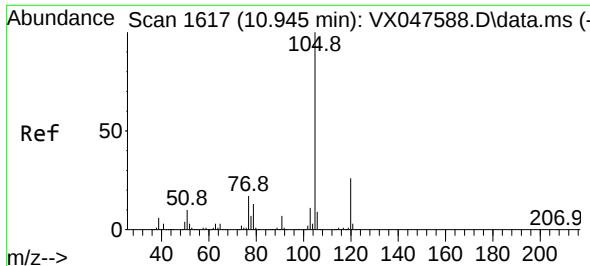
Delta R.T. -0.000 min

Lab File: VX048098.D

Acq: 09 Oct 2025 19:08

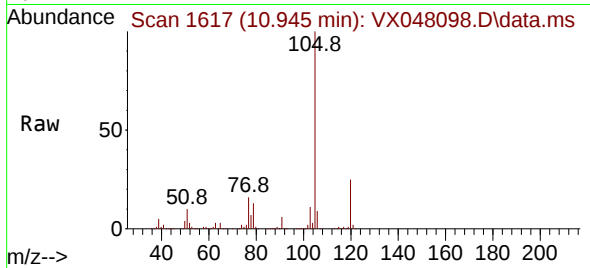
Tgt Ion:152 Resp: 136455
 Ion Ratio Lower Upper
 152 100
 115 79.4 44.9 134.5
 150 169.2 0.0 352.0





#73
Isopropylbenzene
Concen: 32.760 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

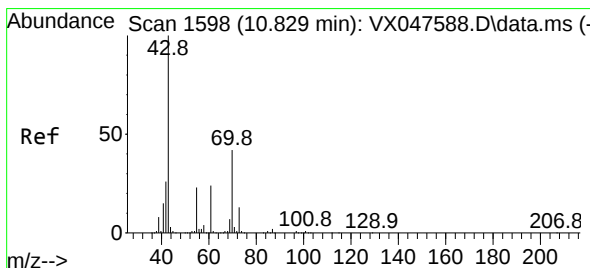
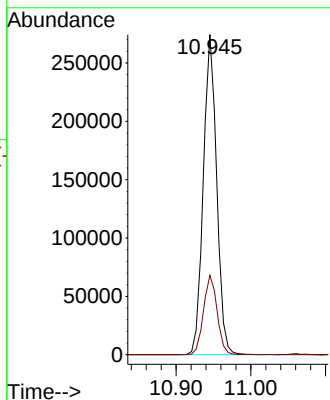
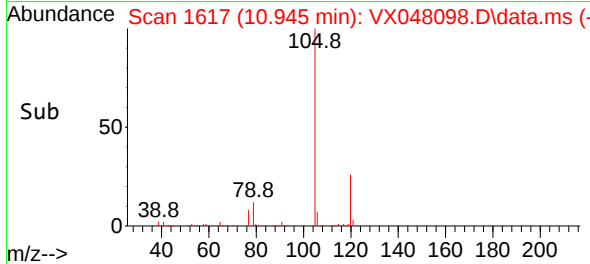
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 339854
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4

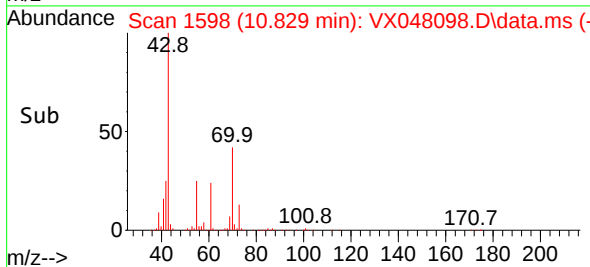
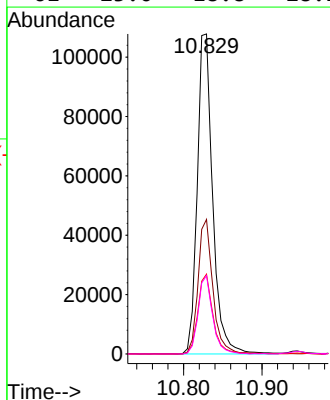
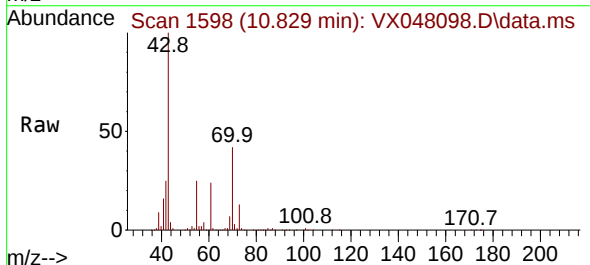
Manual Integrations
APPROVED

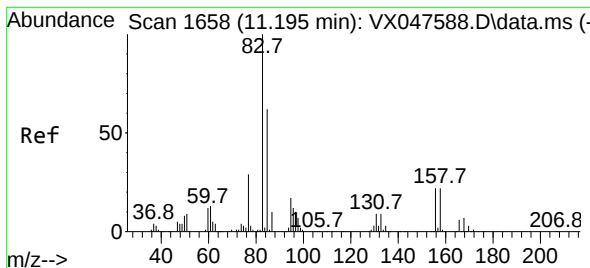
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#74
N-ethyl acetate
Concen: 31.262 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

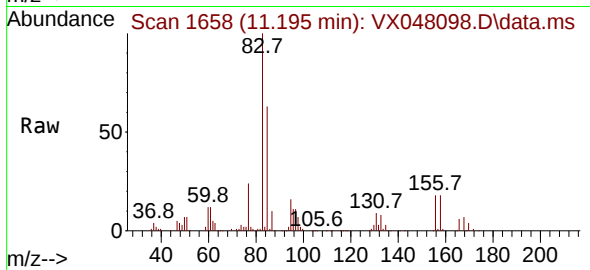
Tgt Ion: 43 Resp: 147892
Ion Ratio Lower Upper
43 100
70 40.6 32.0 48.0
55 24.5 18.9 28.3
61 23.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 35.164 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

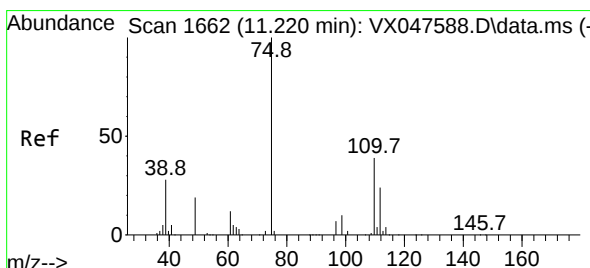
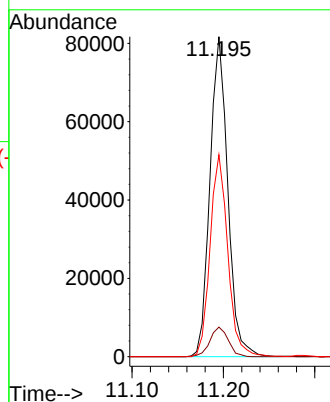
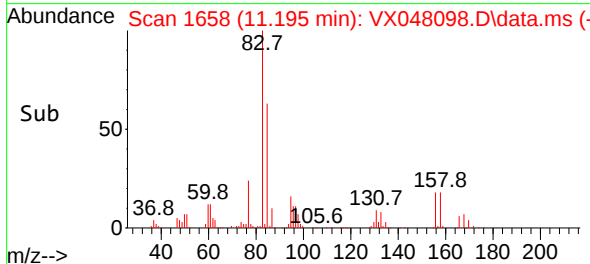
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



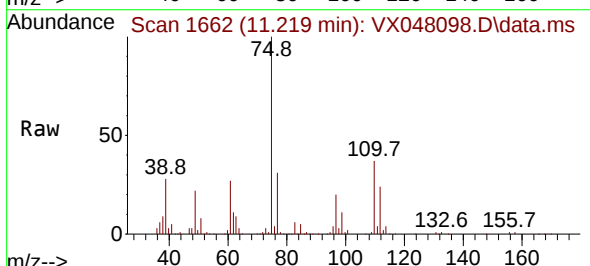
Tgt Ion: 83 Resp: 110369
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 62.8 31.6 95.0

Manual Integrations
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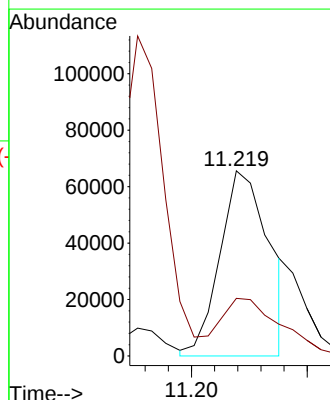
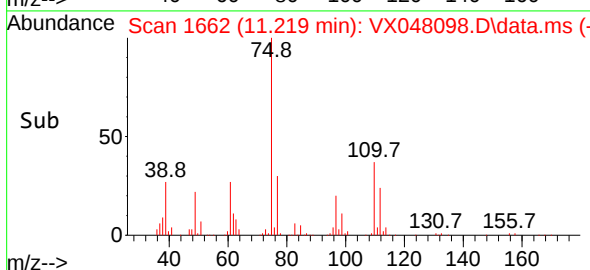
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

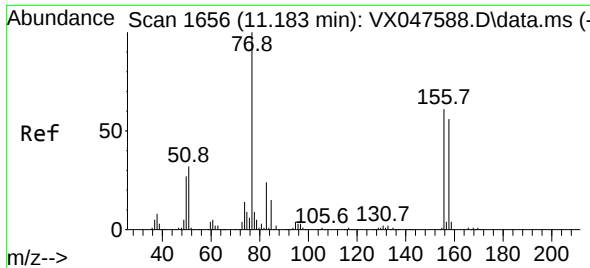


#76
1,2,3-Trichloropropane
Concen: 34.934 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



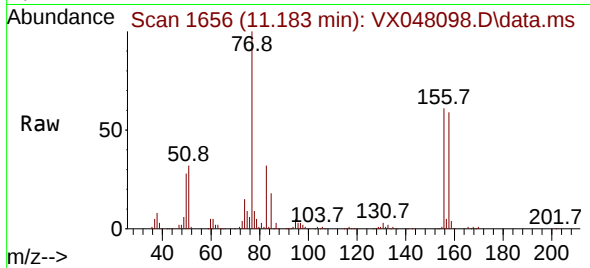
Tgt Ion: 75 Resp: 96516
Ion Ratio Lower Upper
75 100
77 36.8 18.8 56.4





#77
Bromobenzene
Concen: 33.521 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

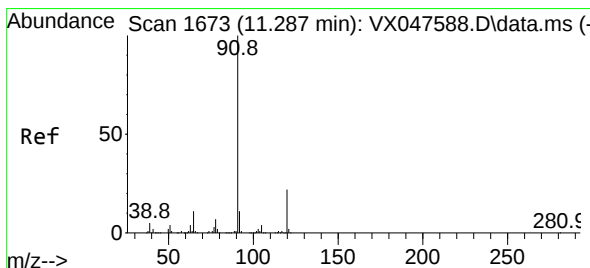
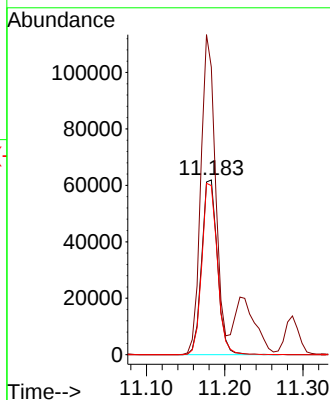
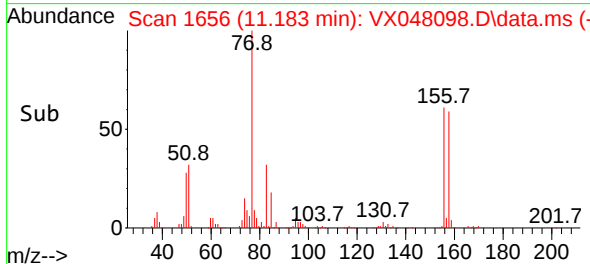
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



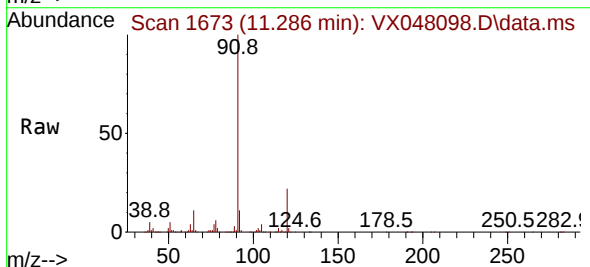
Tgt Ion:156 Resp: 85649
Ion Ratio Lower Upper
156 100
77 171.1 89.7 269.1
158 97.2 47.9 143.6

Manual Integrations
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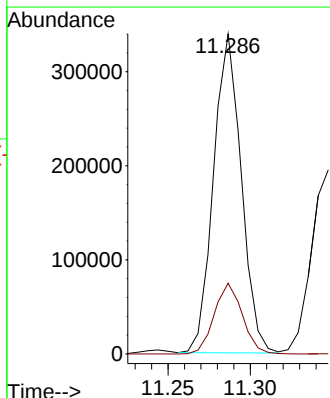
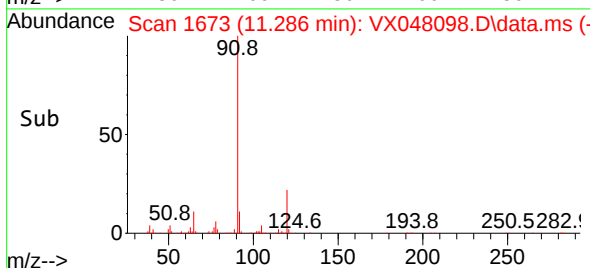
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

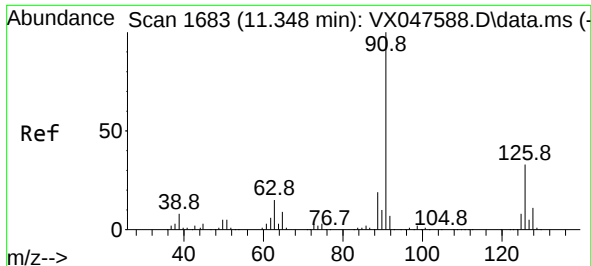


#78
n-propylbenzene
Concen: 32.433 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



Tgt Ion: 91 Resp: 397745
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1





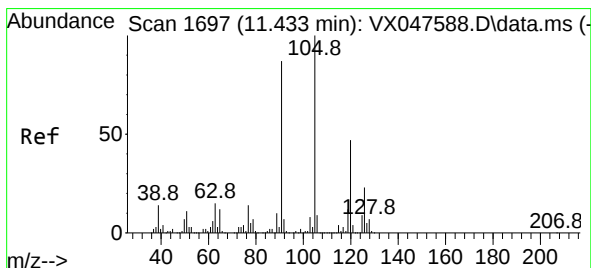
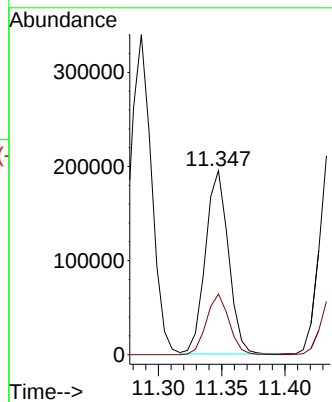
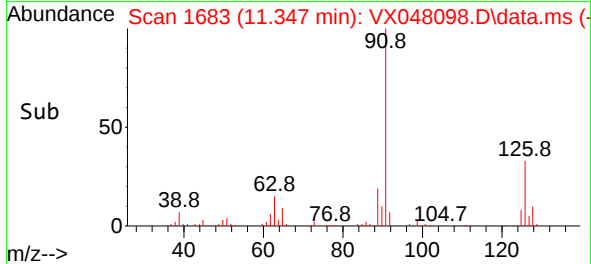
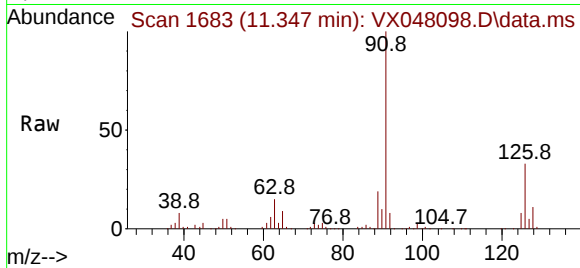
#79
2-Chlorotoluene
Concen: 32.881 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 24697
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.3

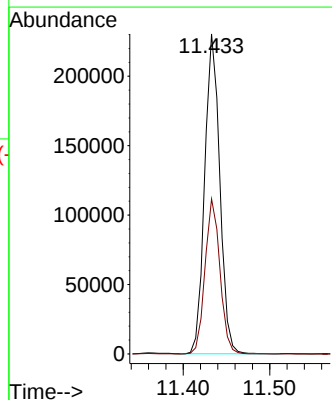
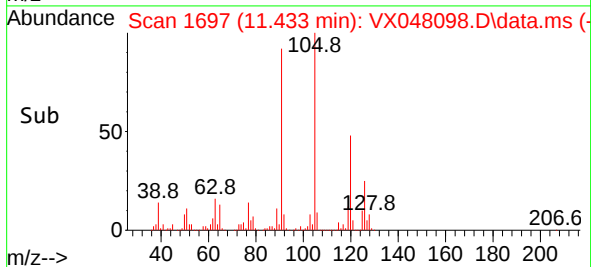
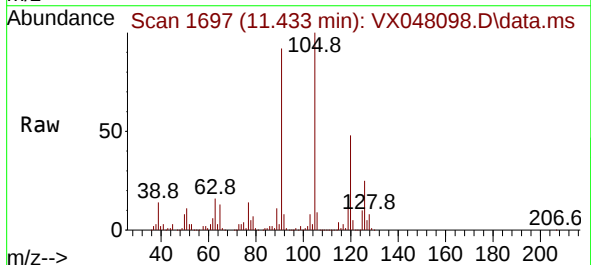
Manual Integrations
APPROVED

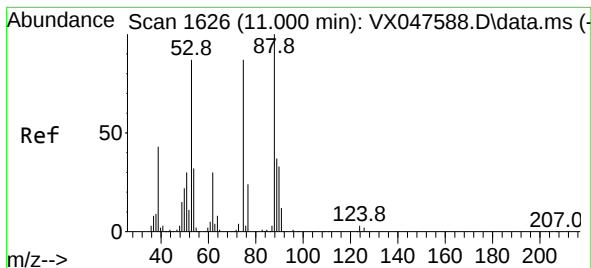
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 32.658 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

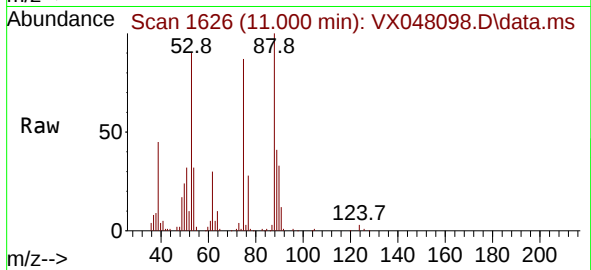
Tgt Ion:105 Resp: 278356
Ion Ratio Lower Upper
105 100
120 48.0 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 29.097 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

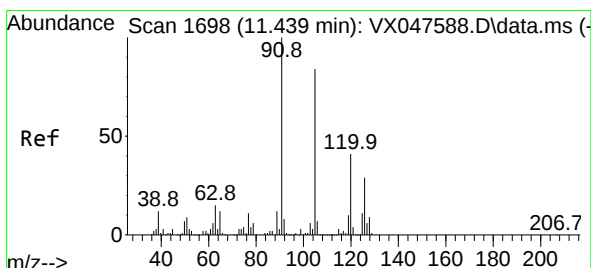
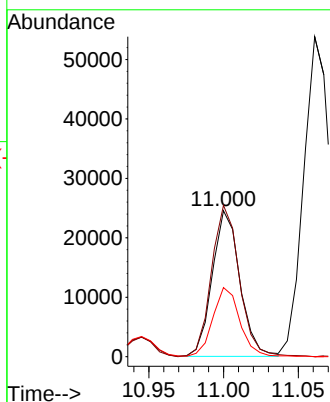
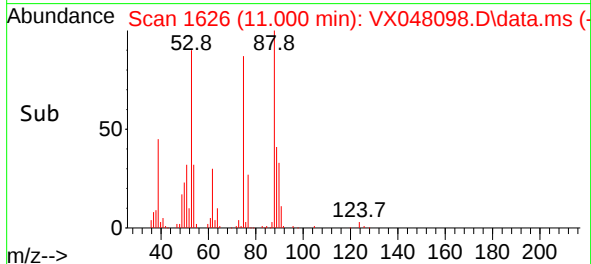
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 3152
Ion Ratio Lower Upper
75 100
53 104.6 83.4 125.2
89 46.6 36.3 54.5

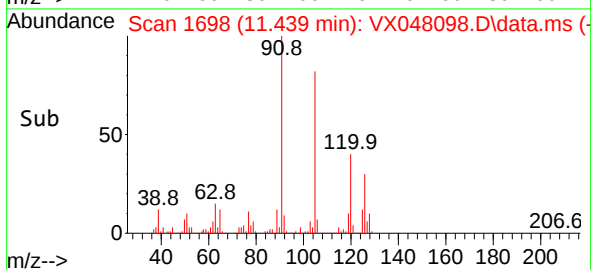
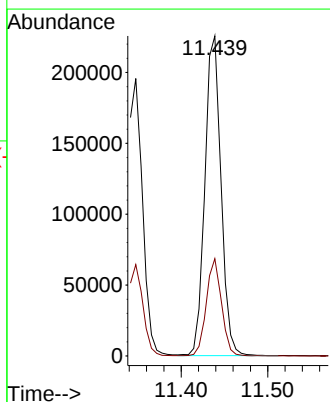
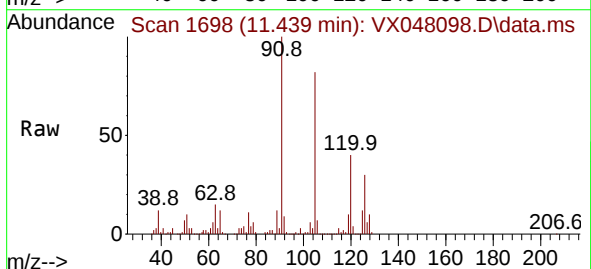
Manual Integrations
APPROVED

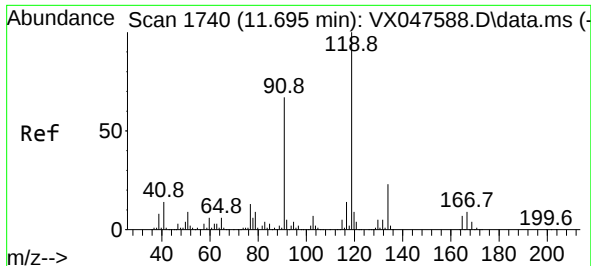
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#82
4-Chlorotoluene
Concen: 32.930 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

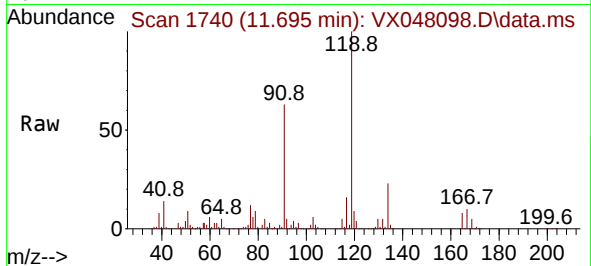
Tgt Ion: 91 Resp: 292129
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 33.423 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

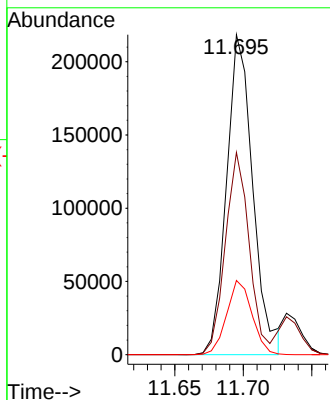
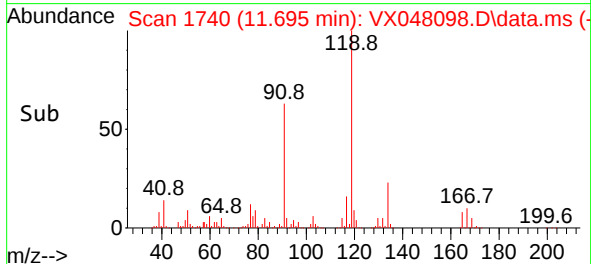
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



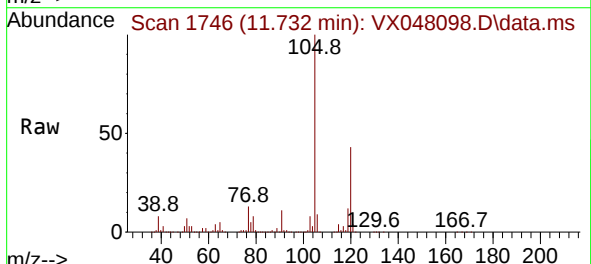
Tgt Ion:119 Resp: 291624
Ion Ratio Lower Upper
119 100
91 57.7 29.6 88.8
134 22.4 11.0 33.0

Manual Integrations
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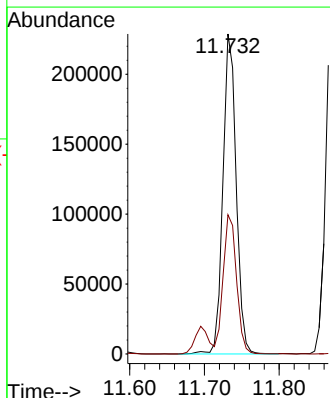
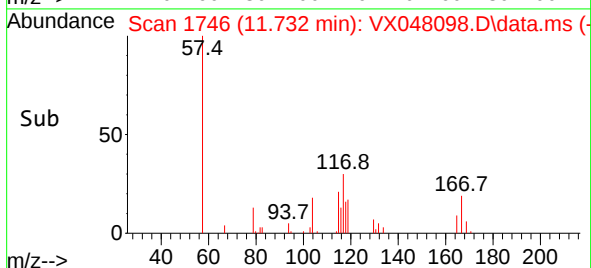
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

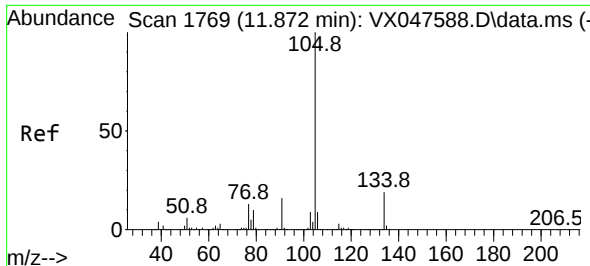


#84
1,2,4-Trimethylbenzene
Concen: 32.704 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



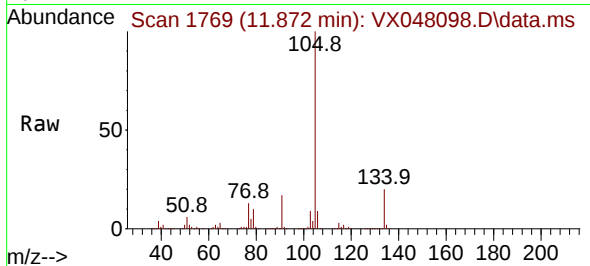
Tgt Ion:105 Resp: 282601
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 33.095 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048098.D
 Acq: 09 Oct 2025 19:08

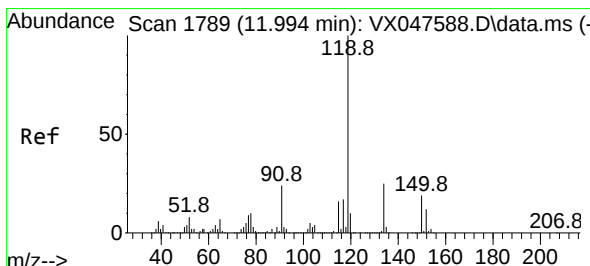
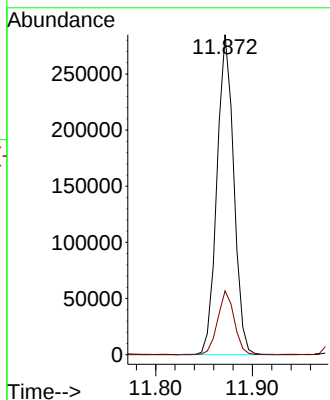
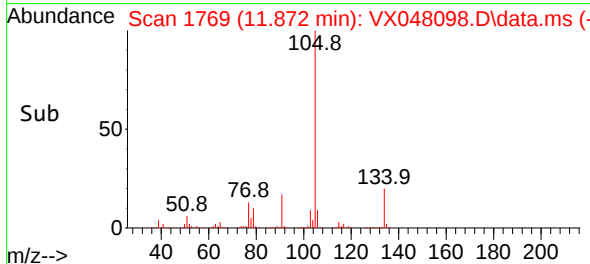
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



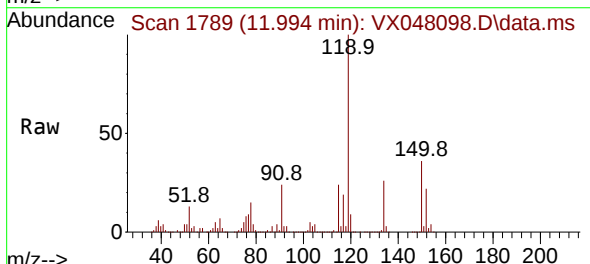
Tgt Ion:105 Resp: 342980
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
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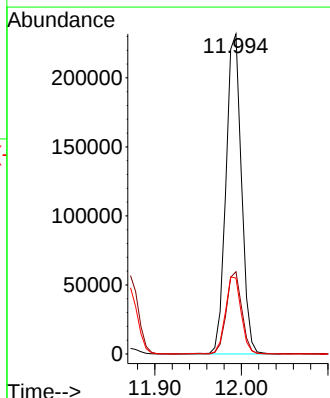
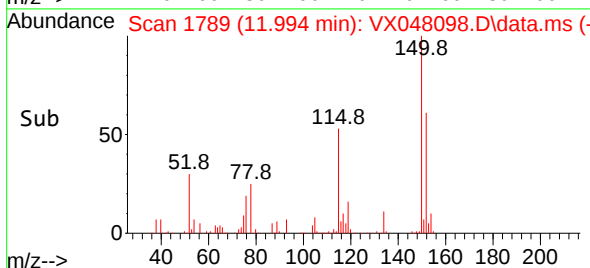
Reviewed By :John Carlone 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025

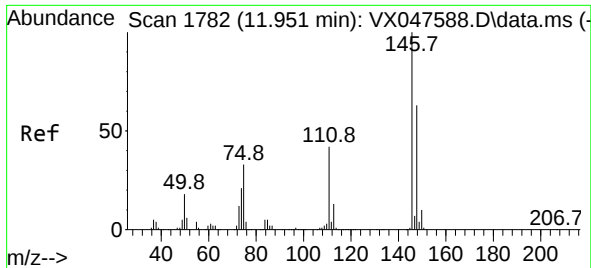


#86
 p-Isopropyltoluene
 Concen: 32.838 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX048098.D
 Acq: 09 Oct 2025 19:08



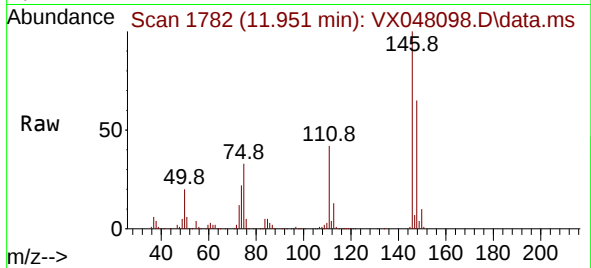
Tgt Ion:119 Resp: 288117
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.4 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 32.912 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

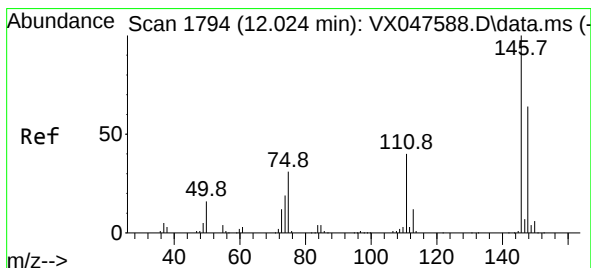
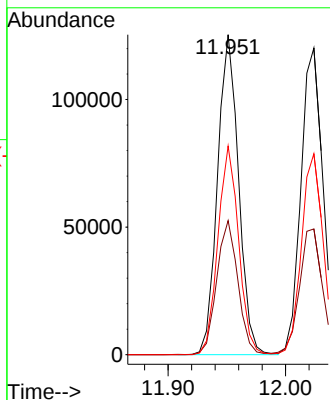
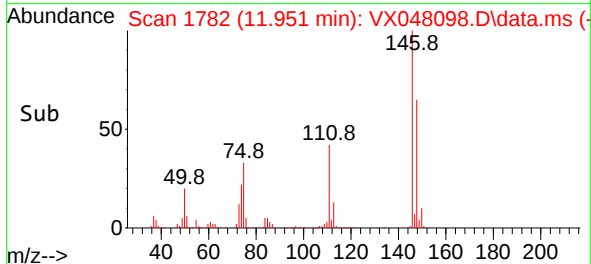
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



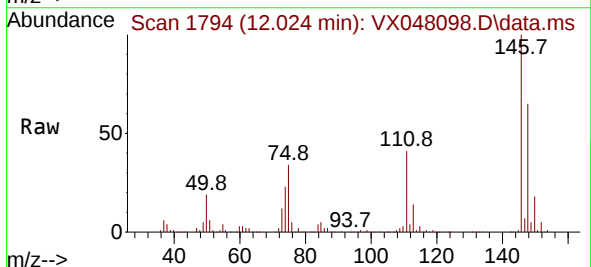
Tgt Ion:146 Resp: 156190
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 64.2 32.0 96.0

Manual Integrations
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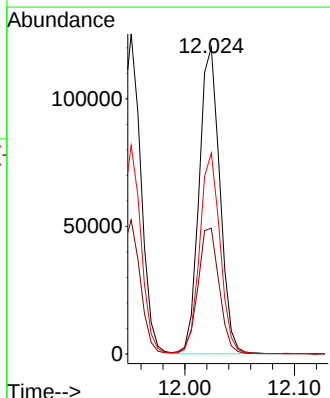
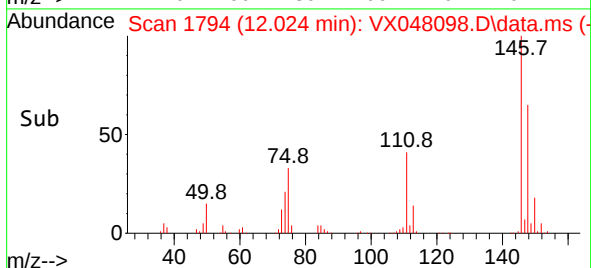
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#88
1,4-Dichlorobenzene
Concen: 32.289 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



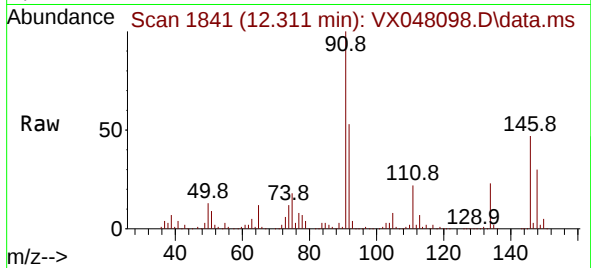
Tgt Ion:146 Resp: 157274
Ion Ratio Lower Upper
146 100
111 42.6 20.8 62.4
148 64.7 31.7 95.1





#89
n-Butylbenzene
Concen: 32.151 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

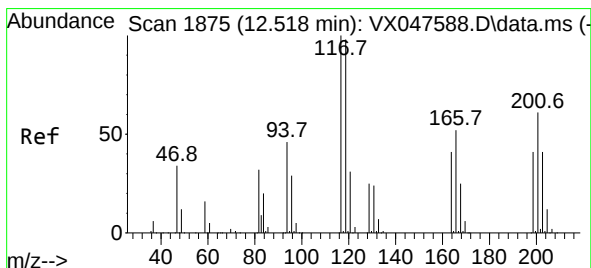
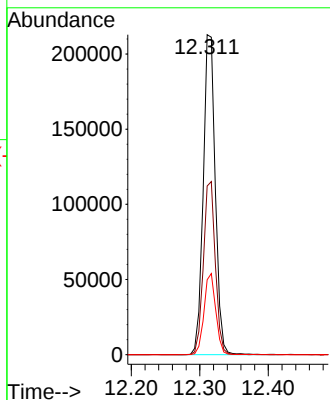
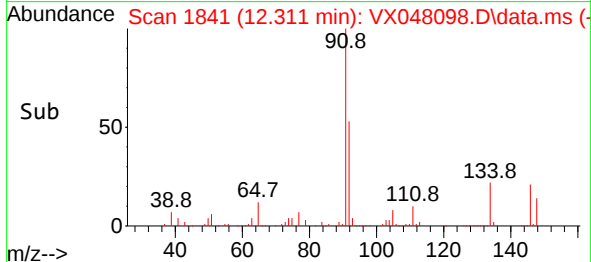
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 26102
Ion Ratio Lower Upper
91 100
92 53.7 27.6 82.7
134 24.8 12.6 37.8

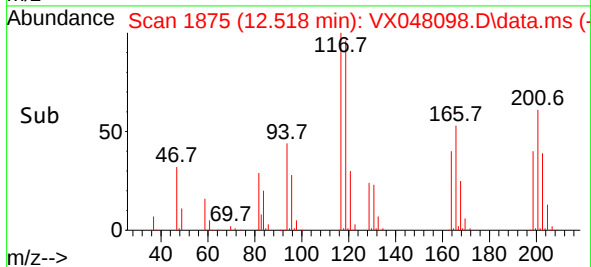
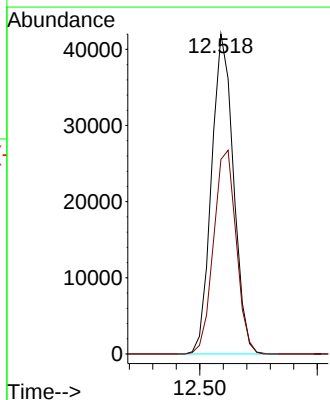
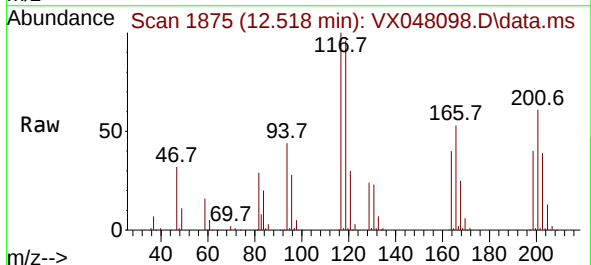
Manual Integrations
APPROVED

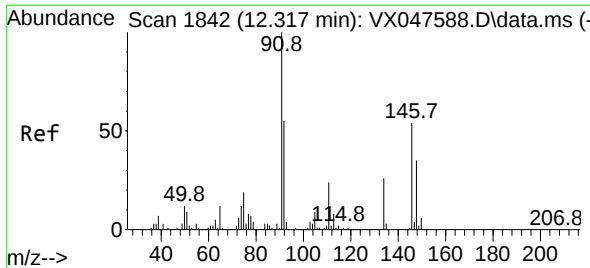
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#90
Hexachloroethane
Concen: 35.450 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

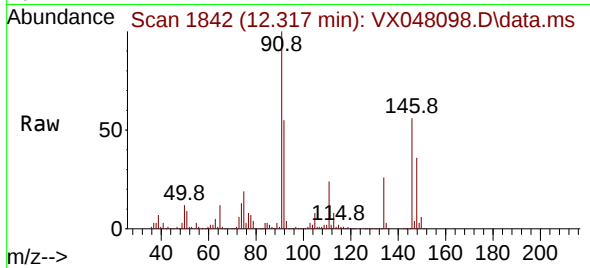
Tgt Ion:117 Resp: 54609
Ion Ratio Lower Upper
117 100
201 65.8 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 33.748 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

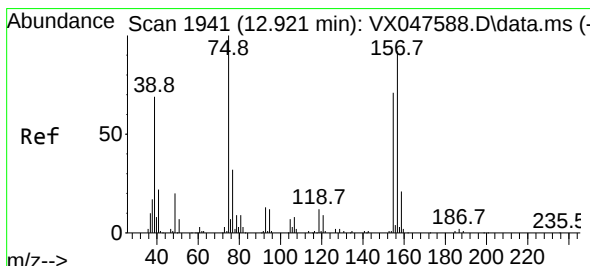
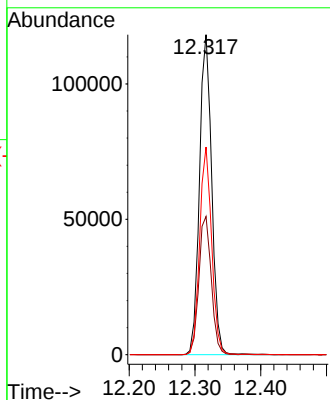
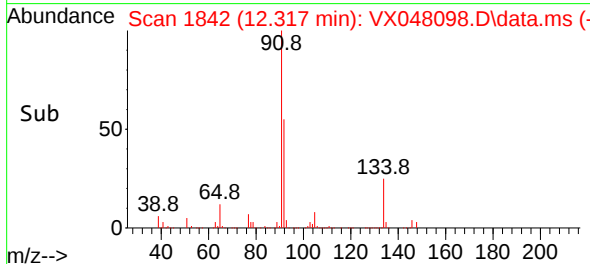
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



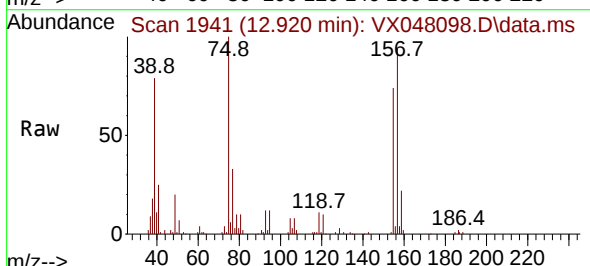
Tgt Ion:146 Resp: 15258
Ion Ratio Lower Upper
146 100
111 43.9 22.2 66.6
148 63.6 31.8 95.4

Manual Integrations
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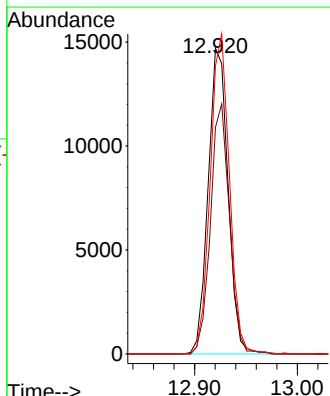
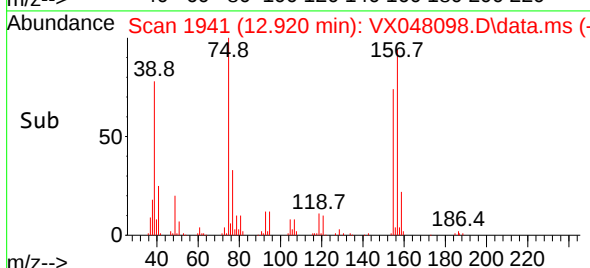
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 31.136 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08



Tgt Ion: 75 Resp: 19786
Ion Ratio Lower Upper
75 100
155 78.0 37.7 113.1
157 100.7 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 31.524 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048098.D

Acq: 09 Oct 2025 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

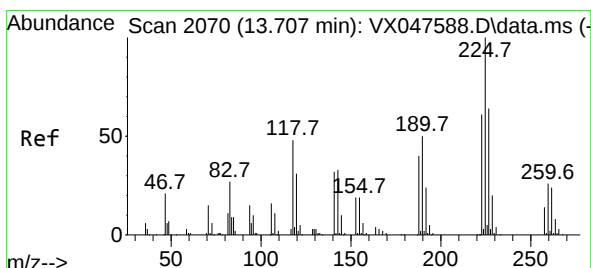
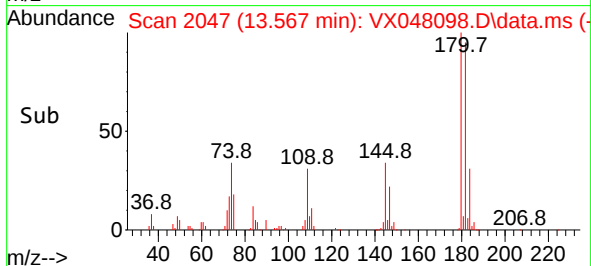
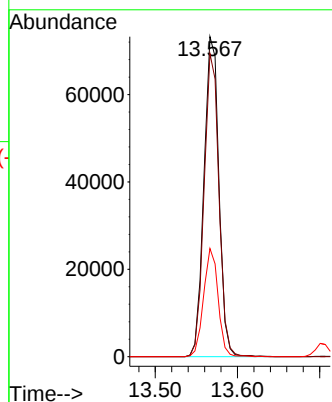
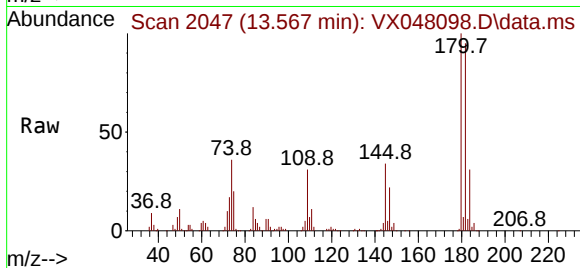
Tgt Ion:180	Resp:	92634
Ion Ratio	Lower	Upper
180	100	
182	93.9	46.6 139.8
145	32.8	16.4 49.1

Manual Integrations

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Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#94

Hexachlorobutadiene

Concen: 32.306 ug/l

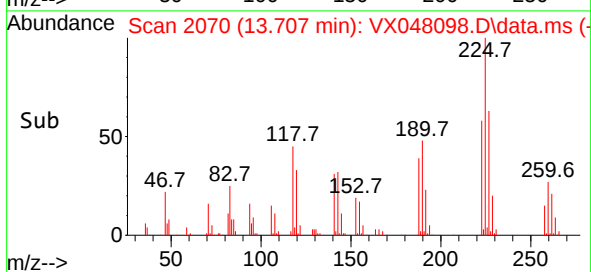
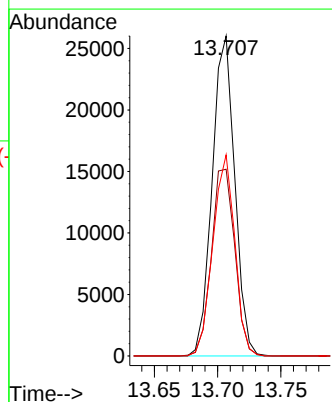
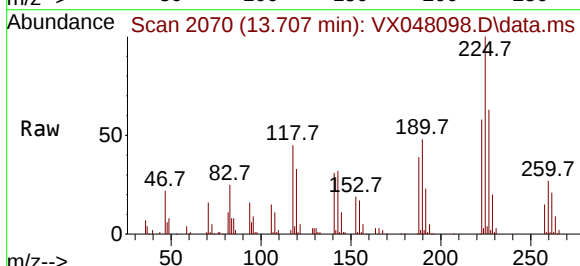
RT: 13.707 min Scan# 2070

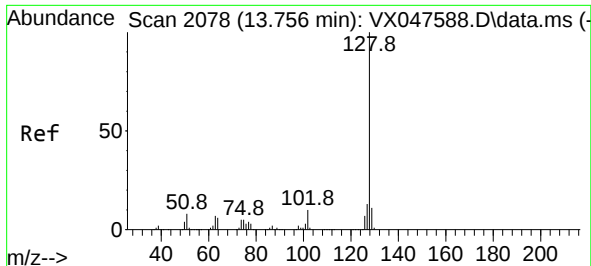
Delta R.T. -0.000 min

Lab File: VX048098.D

Acq: 09 Oct 2025 19:08

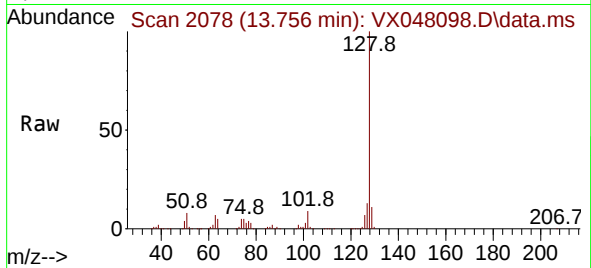
Tgt Ion:225	Resp:	32245
Ion Ratio	Lower	Upper
225	100	
223	60.8	31.7 95.1
227	61.1	32.0 96.0





#95
Naphthalene
Concen: 31.656 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

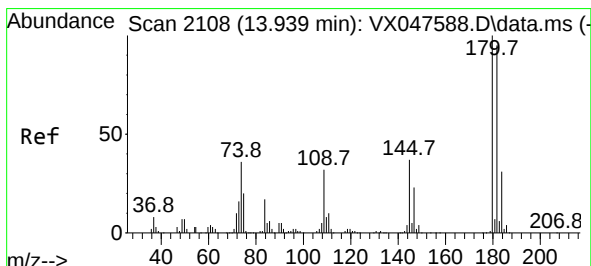
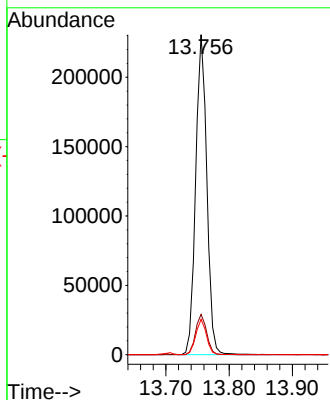
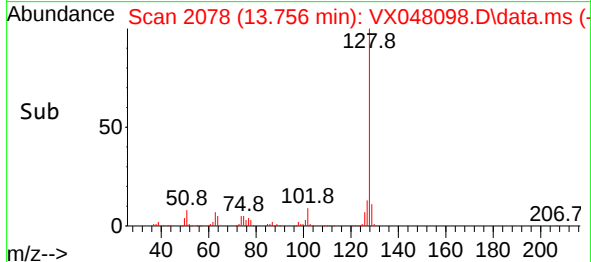
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 283254
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 33.041 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048098.D
Acq: 09 Oct 2025 19:08

Tgt Ion:180 Resp: 90316
Ion Ratio Lower Upper
180 100
182 92.7 47.6 142.8
145 34.7 17.9 53.7

