

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047848.D
 Acq On : 26 Sep 2025 10:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 26 23:09:54 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	5.531	168	157794	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	276647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	247479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	107344	42.738	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.480%
35) Dibromofluoromethane	5.367	113	84741	45.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.635	98	292845	45.615	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.240%#
62) 4-Bromofluorobenzene	11.061	95	111037	45.573	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	88239	54.003	ug/l	97
3) Chloromethane	1.301	50	100700	46.892	ug/l	99
4) Vinyl Chloride	1.380	62	106084	50.464	ug/l	99
5) Bromomethane	1.611	94	68379	51.297	ug/l	98
6) Chloroethane	1.691	64	68194	48.536	ug/l	97
7) Trichlorofluoromethane	1.892	101	154597	49.530	ug/l	99
8) Diethyl Ether	2.136	74	61635	48.272	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	91702	50.245	ug/l	100
10) Methyl Iodide	2.453	142	120982	42.503	ug/l	99
11) Tert butyl alcohol	2.947	59	66836	238.927	ug/l	100
12) 1,1-Dichloroethene	2.319	96	91589	48.854	ug/l	97
13) Acrolein	2.233	56	110624	429.141	ug/l	99
14) Allyl chloride	2.660	41	177573	45.901	ug/l	97
15) Acrylonitrile	3.056	53	267774	258.431	ug/l	99
16) Acetone	2.373	43	251108	229.934	ug/l	97
17) Carbon Disulfide	2.514	76	243456	47.436	ug/l	96
18) Methyl Acetate	2.697	43	127806	52.586	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	326134	47.655	ug/l	99
20) Methylene Chloride	2.788	84	109790	47.494	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	98516	48.809	ug/l	98
22) Diisopropyl ether	3.751	45	357465	47.678	ug/l	98
23) Vinyl Acetate	3.709	43	1472440	245.383	ug/l	99
24) 1,1-Dichloroethane	3.599	63	191224	47.986	ug/l	99
25) 2-Butanone	4.538	43	338581	248.547	ug/l	99
26) 2,2-Dichloropropane	4.465	77	155237	46.863	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	119849	48.485	ug/l	98
28) Bromochloromethane	4.879	49	91289	52.474	ug/l	99
29) Tetrahydrofuran	4.983	42	206735	252.272	ug/l	99
30) Chloroform	5.074	83	196223	48.728	ug/l	99
31) Cyclohexane	5.458	56	153928	46.378	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	165667	48.502	ug/l	99
36) 1,1-Dichloropropene	5.678	75	130770	48.235	ug/l	98
37) Ethyl Acetate	4.690	43	139492	48.054	ug/l	98
38) Carbon Tetrachloride	5.660	117	140270	47.619	ug/l	97
39) Methylcyclohexane	7.367	83	149967	48.731	ug/l	98
40) Benzene	6.019	78	403608	49.015	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	75759	50.553	ug/l	99
42) 1,2-Dichloroethane	6.068	62	146085	46.627	ug/l	99
43) Isopropyl Acetate	6.318	43	229571	48.221	ug/l	99
44) Trichloroethene	7.104	130	98849	49.654	ug/l	99
45) 1,2-Dichloropropane	7.409	63	102880	48.793	ug/l	98
46) Dibromomethane	7.562	93	75143	48.974	ug/l	98
47) Bromodichloromethane	7.805	83	155070	48.976	ug/l	96
48) Methyl methacrylate	7.671	41	116497	49.126	ug/l	97
49) 1,4-Dioxane	7.647	88	30796	1285.010	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	682647	258.618	ug/l	99
52) Toluene	8.702	92	248201	48.925	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	157262	48.694	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	168348	48.769	ug/l	100
55) 1,1,2-Trichloroethane	9.134	97	97629	49.908	ug/l	99
56) Ethyl methacrylate	9.098	69	157769	51.355	ug/l	95
57) 1,3-Dichloropropane	9.293	76	168474	50.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	386885	262.682	ug/l	99
59) 2-Hexanone	9.415	43	484906	255.784	ug/l	99
60) Dibromochloromethane	9.506	129	115156	51.091	ug/l	100
61) 1,2-Dibromoethane	9.592	107	101479	50.931	ug/l	100
64) Tetrachloroethene	9.256	164	77979	48.335	ug/l	97
65) Chlorobenzene	10.061	112	274907	48.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	95203	49.072	ug/l	99
67) Ethyl Benzene	10.177	91	474899	48.955	ug/l	100
68) m/p-Xylenes	10.287	106	359586	99.589	ug/l	98
69) o-Xylene	10.622	106	173372	49.643	ug/l	97
70) Styrene	10.640	104	299864	49.003	ug/l	98
71) Bromoform	10.781	173	72918	50.335	ug/l #	98
73) Isopropylbenzene	10.945	105	447560	48.569	ug/l	100
74) N-amyl acetate	10.823	43	201337	47.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	139423	50.009	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	155221	63.251	ug/l	92
77) Bromobenzene	11.177	156	108574	47.839	ug/l	97
78) n-propylbenzene	11.287	91	528967	48.559	ug/l	100
79) 2-Chlorotoluene	11.348	91	318931	47.802	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	366251	48.376	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	44493	46.235	ug/l	98
82) 4-Chlorotoluene	11.433	91	379002	48.098	ug/l	99
83) tert-Butylbenzene	11.695	119	375695	48.476	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	371552	48.407	ug/l	98
85) sec-Butylbenzene	11.872	105	451409	49.036	ug/l	100
86) p-Isopropyltoluene	11.988	119	382386	49.065	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	201219	47.733	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	203822	47.109	ug/l	99
89) n-Butylbenzene	12.311	91	351243	48.707	ug/l	100
90) Hexachloroethane	12.518	117	67044	48.998	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	194911	48.532	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27694	49.063	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	122030	46.752	ug/l	96
94) Hexachlorobutadiene	13.707	225	43430	48.986	ug/l	98
95) Naphthalene	13.756	128	396153	49.843	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	119688	49.295	ug/l	98

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QLast Update : Wed Sep 17 06:39:58 2025
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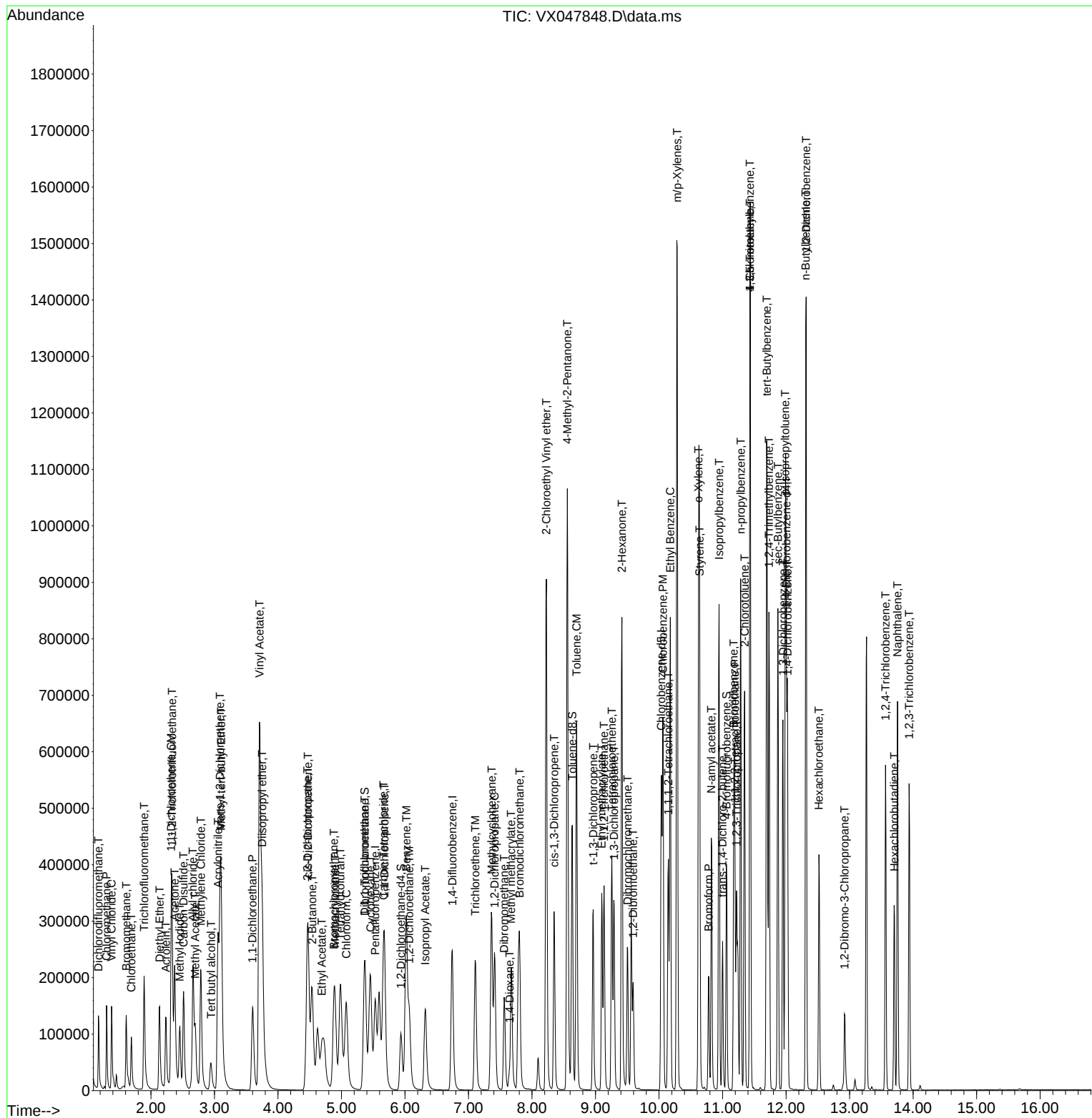
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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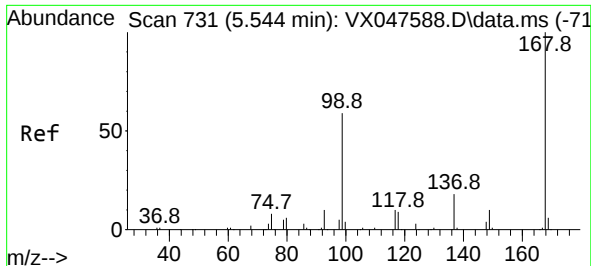
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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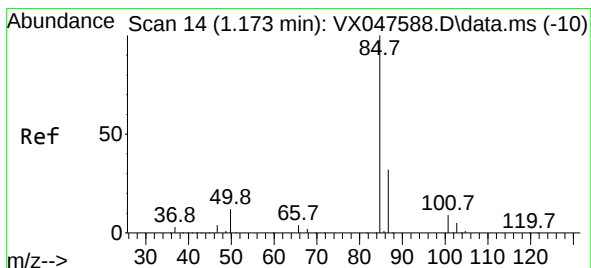
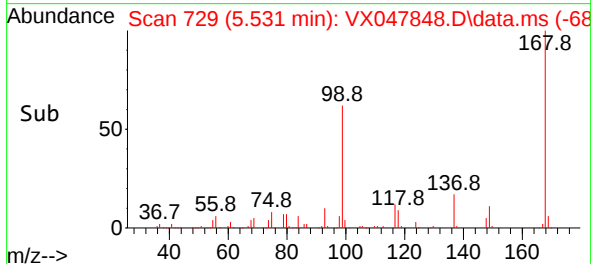
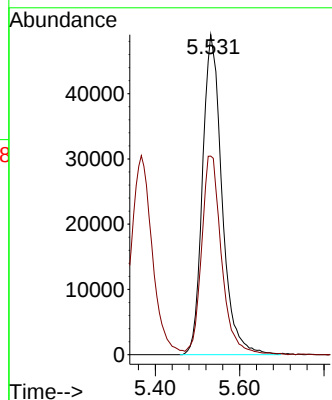
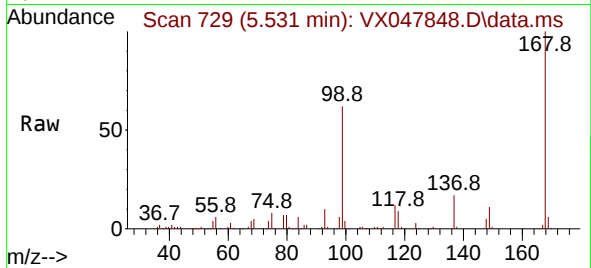




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
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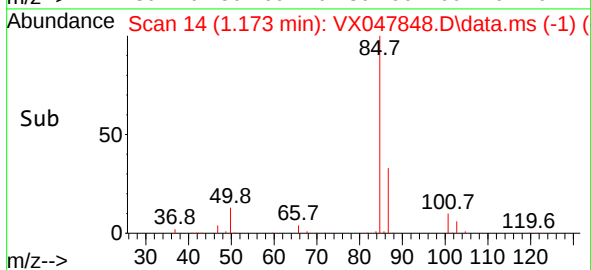
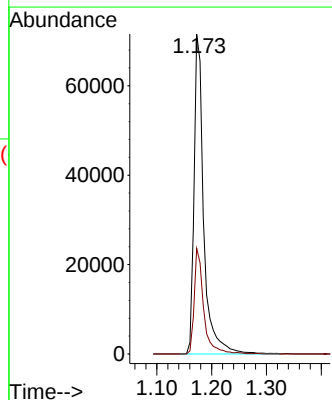
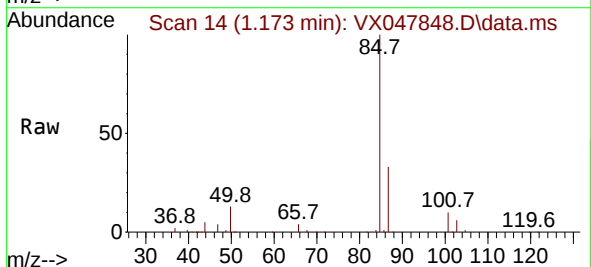
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

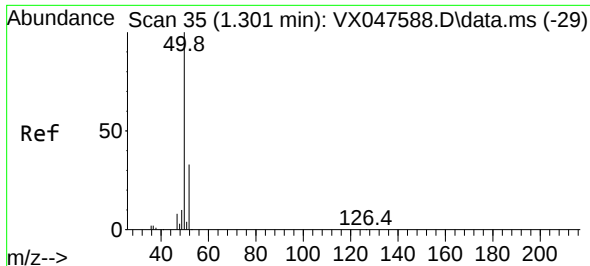
Tgt Ion:168 Resp: 157794
Ion Ratio Lower Upper
168 100
99 61.7 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 54.003 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 85 Resp: 88239
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.3

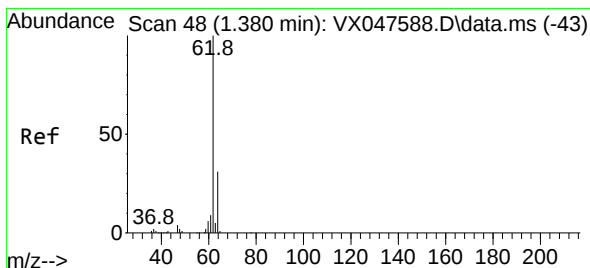
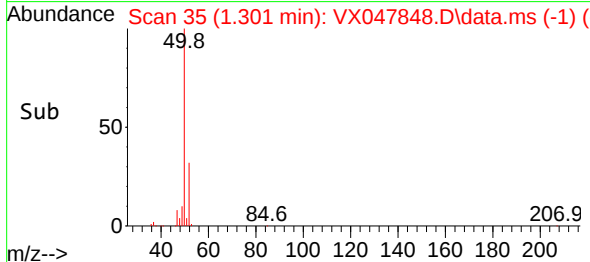
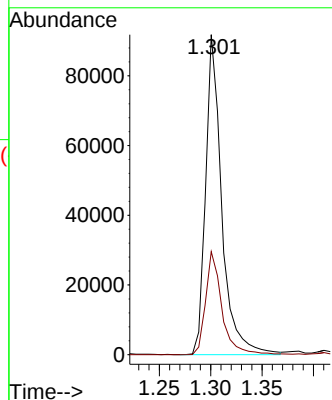
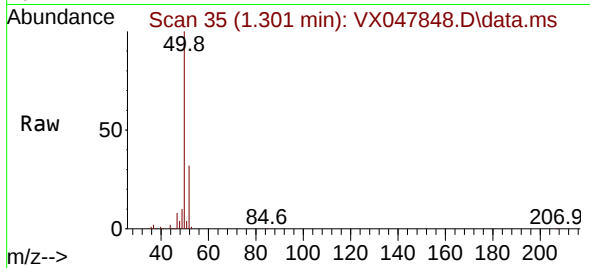




#3
Chloromethane
Concen: 46.892 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047848.D
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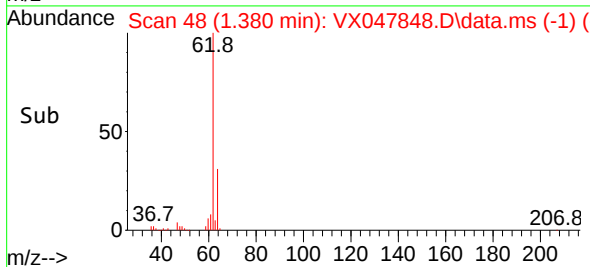
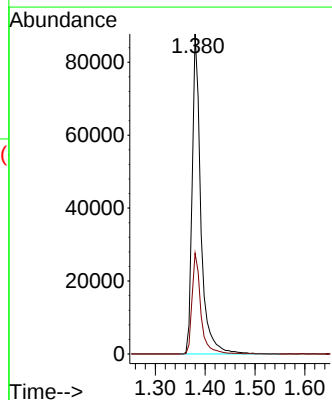
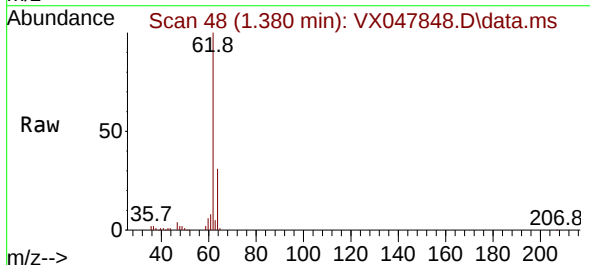
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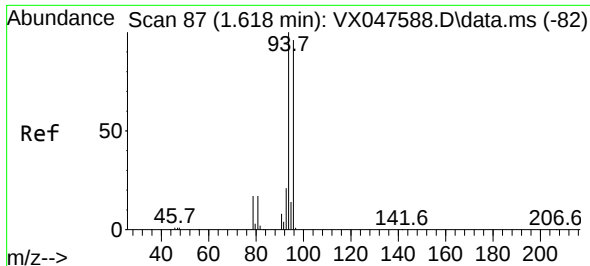
Tgt Ion: 50 Resp: 100700
Ion Ratio Lower Upper
50 100
52 32.2 26.1 39.1



#4
Vinyl Chloride
Concen: 50.464 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 62 Resp: 106084
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3

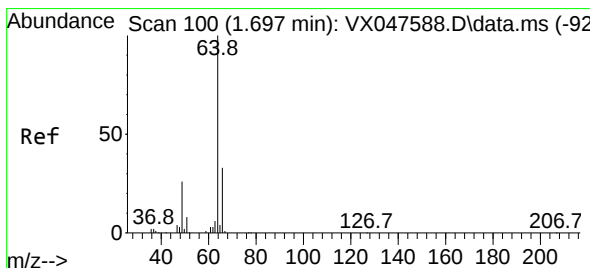
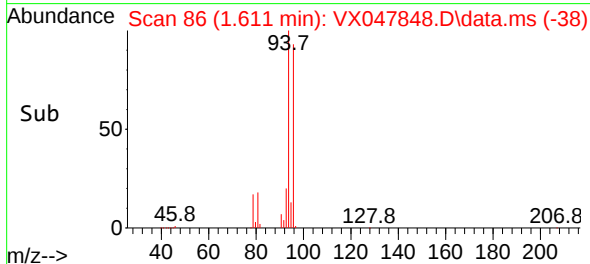
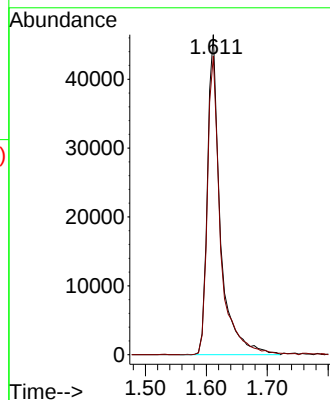
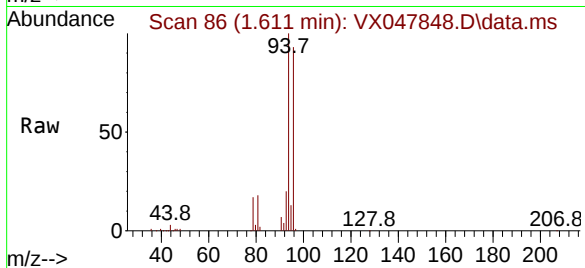




#5
Bromomethane
Concen: 51.297 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
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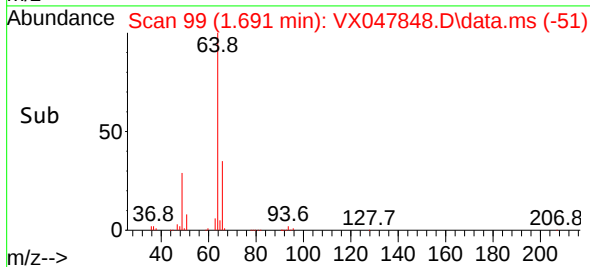
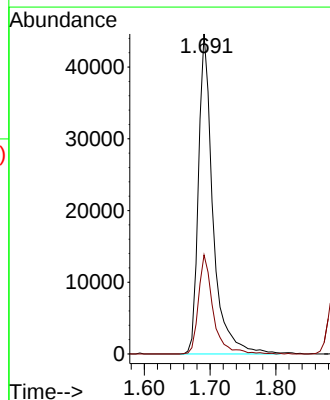
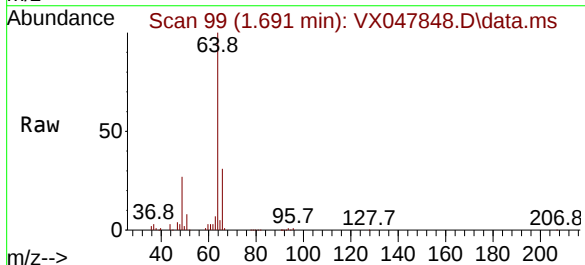
Instrument :
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Tgt Ion: 94 Resp: 68379
Ion Ratio Lower Upper
94 100
96 93.4 76.6 115.0



#6
Chloroethane
Concen: 48.536 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047848.D
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Tgt Ion: 64 Resp: 68194
Ion Ratio Lower Upper
64 100
66 30.9 26.1 39.1

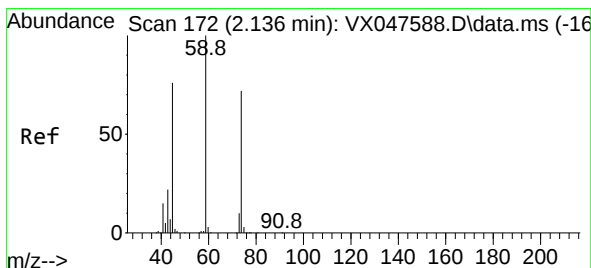
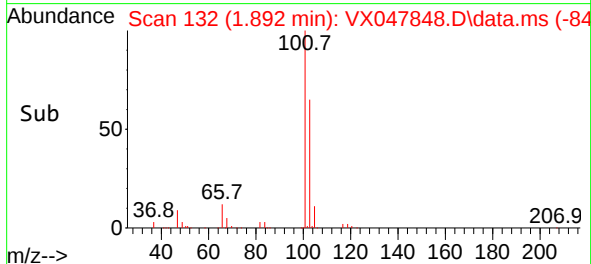
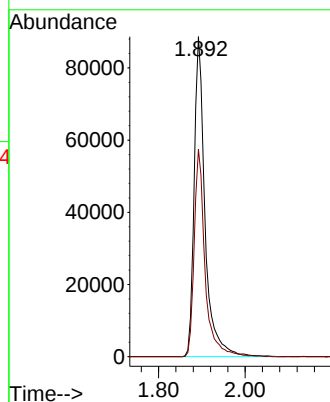
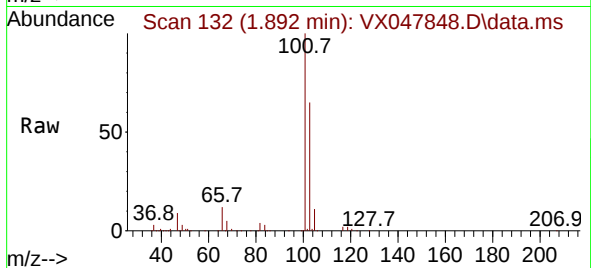




#7
 Trichlorofluoromethane
 Concen: 49.530 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX047848.D
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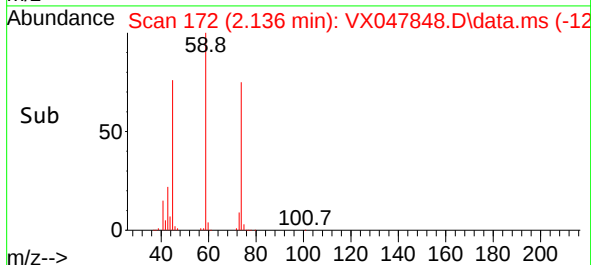
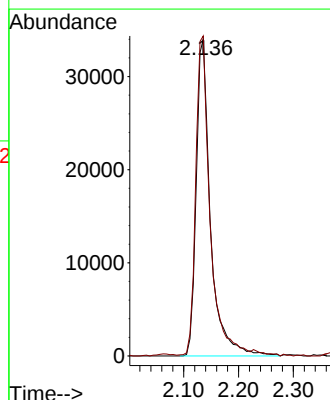
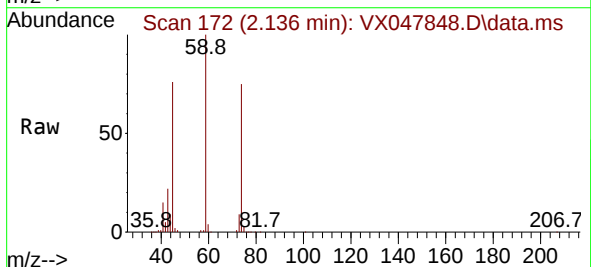
Instrument :
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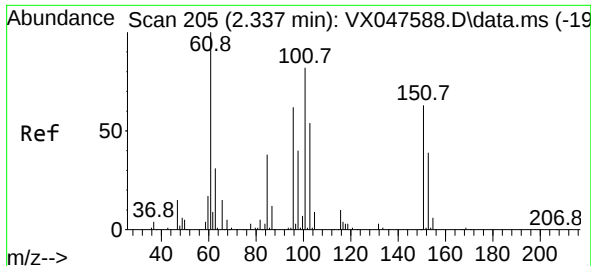
Tgt Ion:101 Resp: 154597
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 48.272 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 61635
 Ion Ratio Lower Upper
 74 100
 45 100.5 52.3 156.8

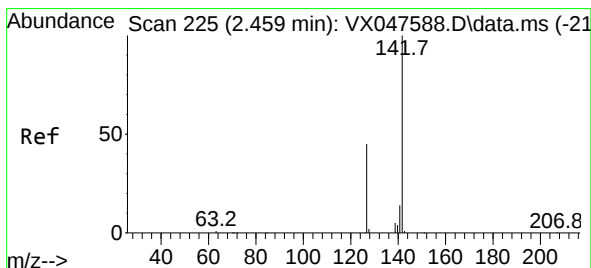
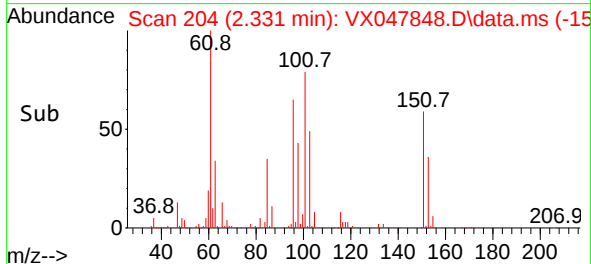
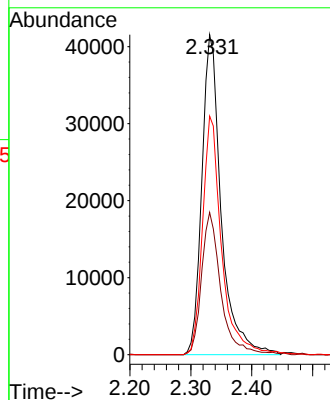
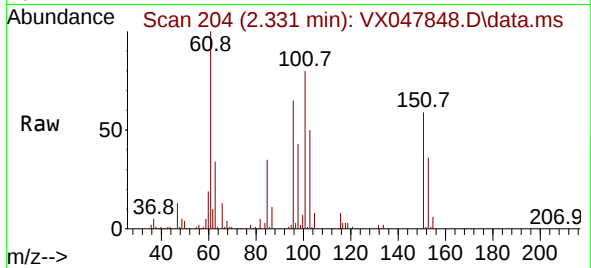




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.245 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

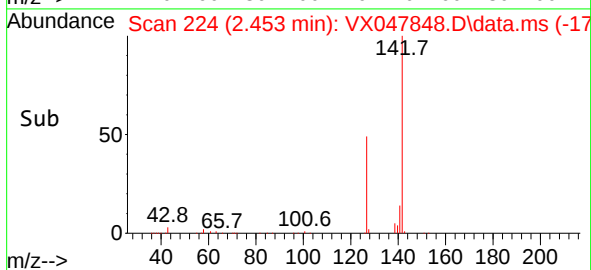
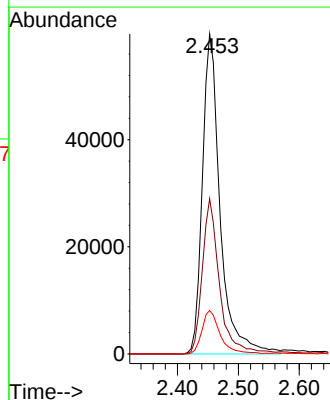
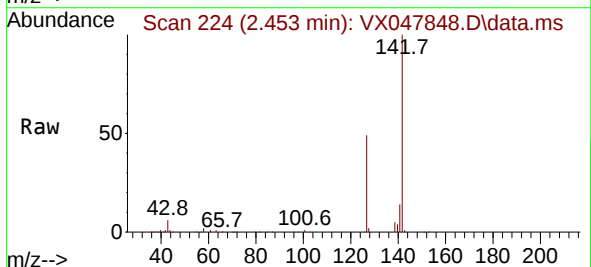
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

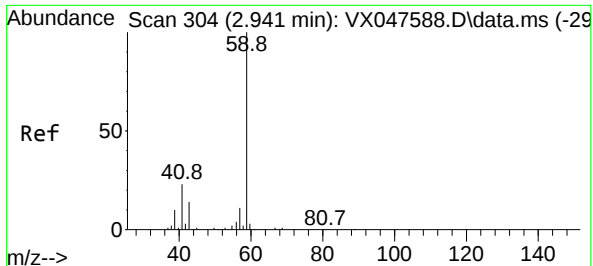
Tgt Ion:101 Resp: 91702
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 73.8 59.4 89.0



#10
Methyl Iodide
Concen: 42.503 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion:142 Resp: 120982
Ion Ratio Lower Upper
142 100
127 46.9 37.2 55.8
141 14.0 11.4 17.0

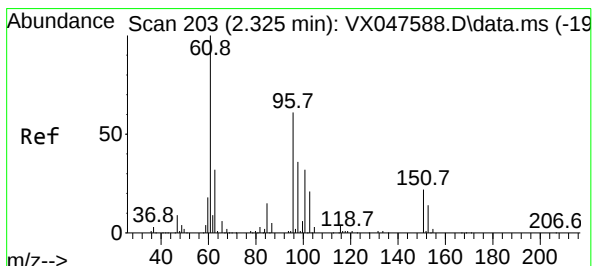
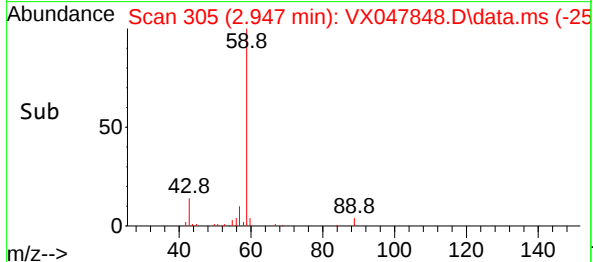
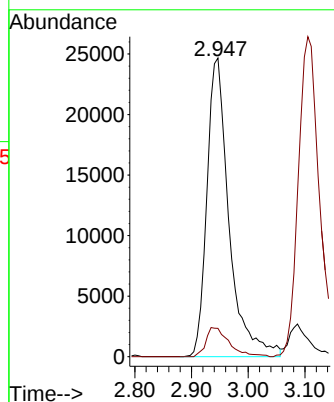
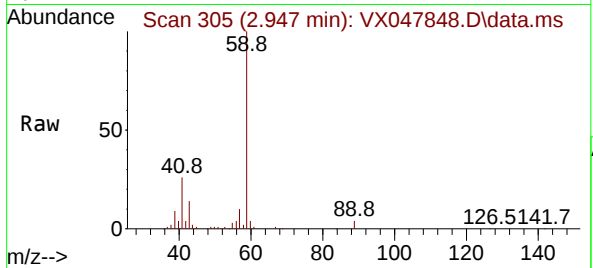




#11
Tert butyl alcohol
Concen: 238.927 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

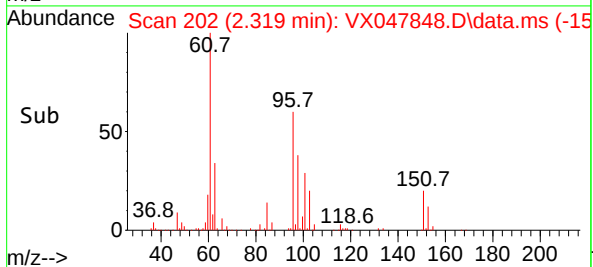
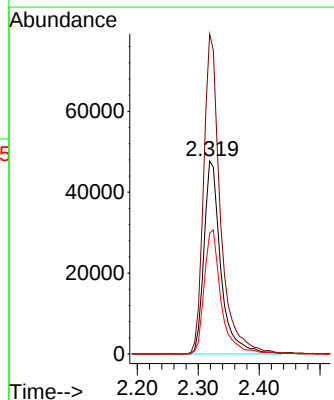
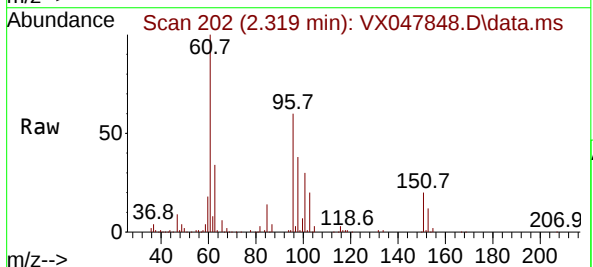
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

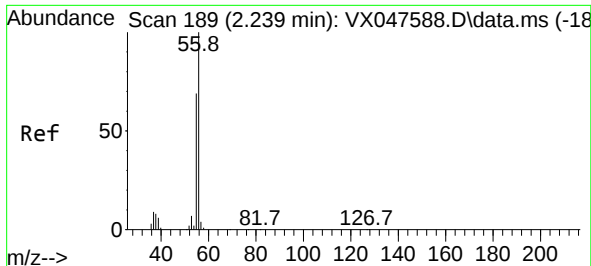
Tgt Ion: 59 Resp: 66836
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.854 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 96 Resp: 91589
Ion Ratio Lower Upper
96 100
61 165.9 131.0 196.6
98 64.4 47.7 71.5





#13

Acrolein

Concen: 429.141 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

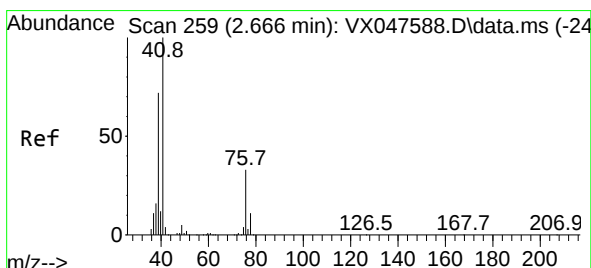
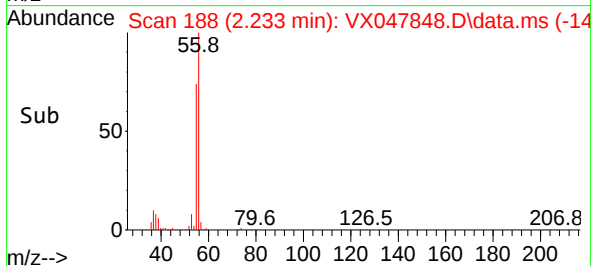
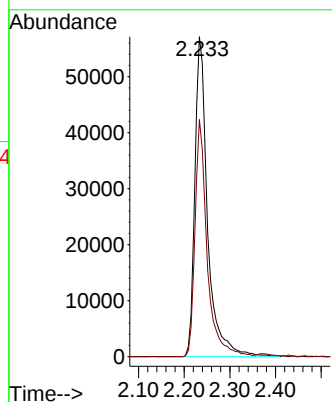
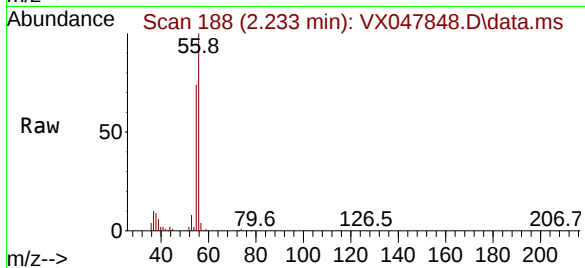
VSTDCCC050

Tgt Ion: 56 Resp: 110624

Ion Ratio Lower Upper

56 100

55 70.4 57.2 85.8



#14

Allyl chloride

Concen: 45.901 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

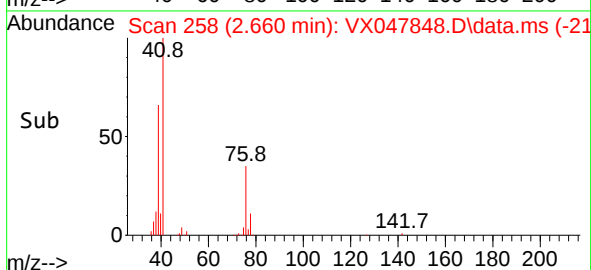
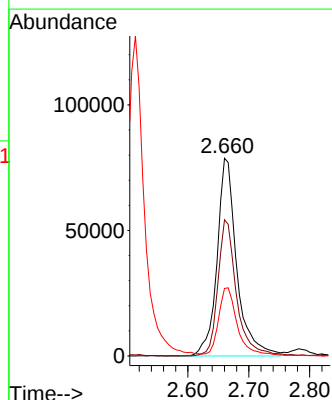
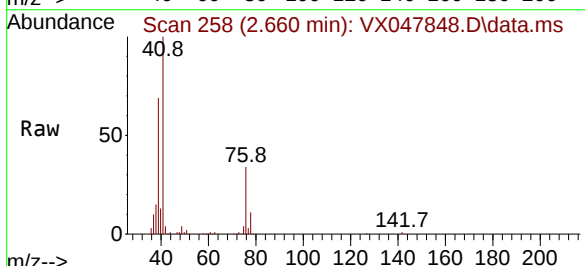
Tgt Ion: 41 Resp: 177573

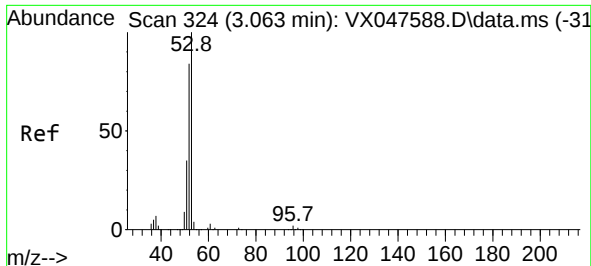
Ion Ratio Lower Upper

41 100

39 65.3 54.7 82.1

76 32.3 25.7 38.5

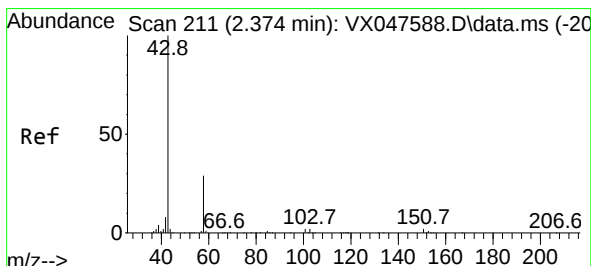
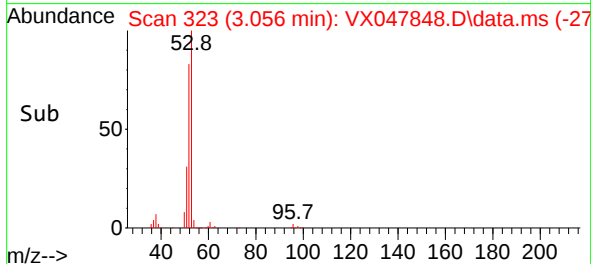
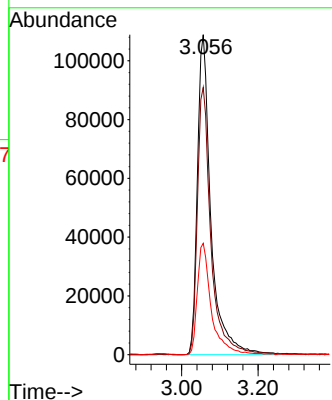
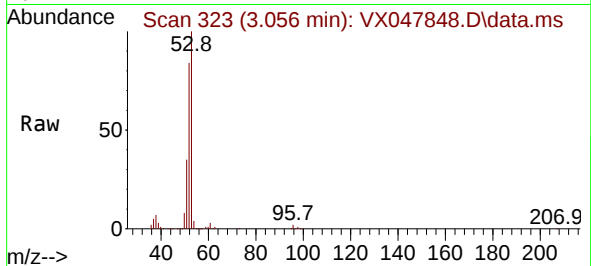




#15
Acrylonitrile
Concen: 258.431 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

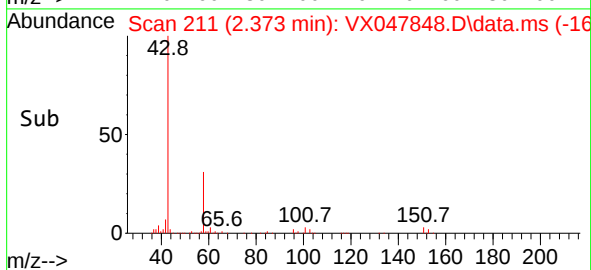
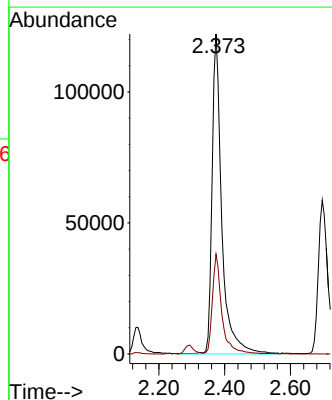
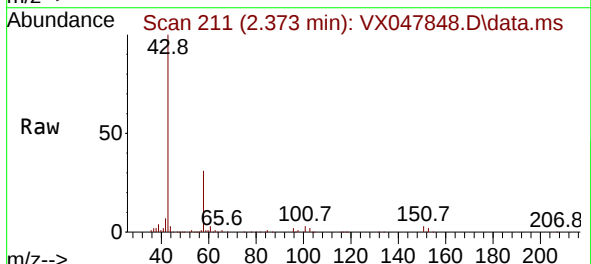
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

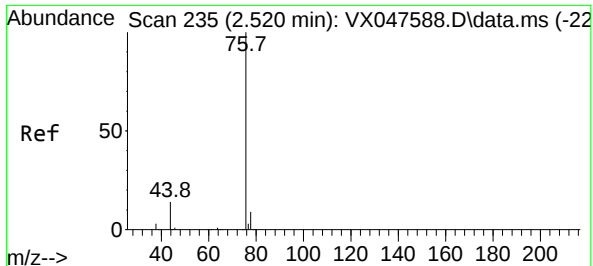
Tgt Ion: 53 Resp: 267774
Ion Ratio Lower Upper
53 100
52 83.6 66.4 99.6
51 36.1 29.5 44.3



#16
Acetone
Concen: 229.934 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 43 Resp: 251108
Ion Ratio Lower Upper
43 100
58 31.0 23.4 35.0

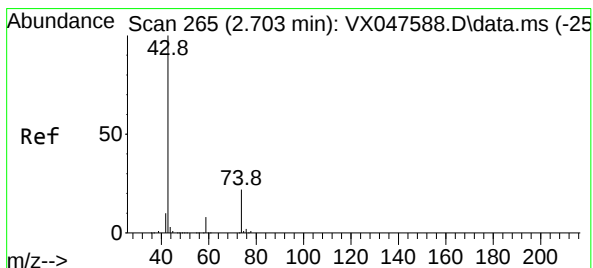
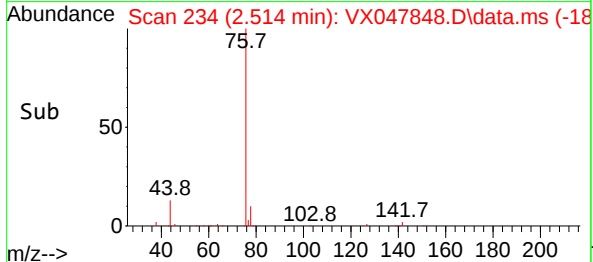
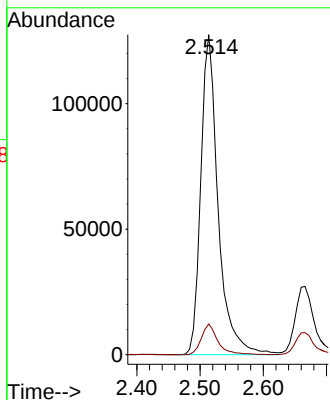
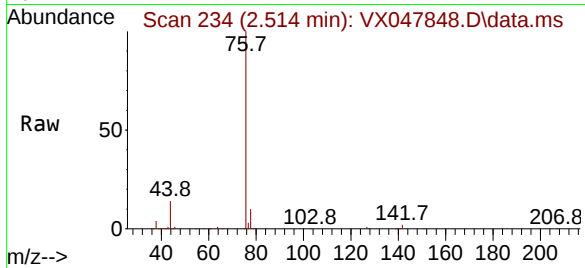




#17
Carbon Disulfide
Concen: 47.436 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

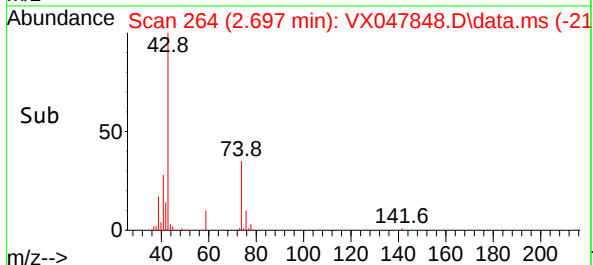
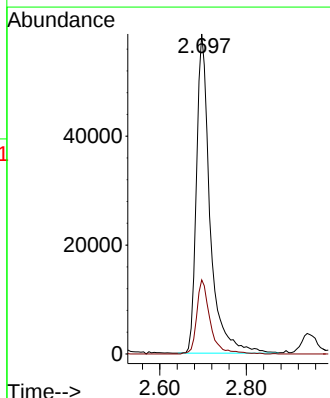
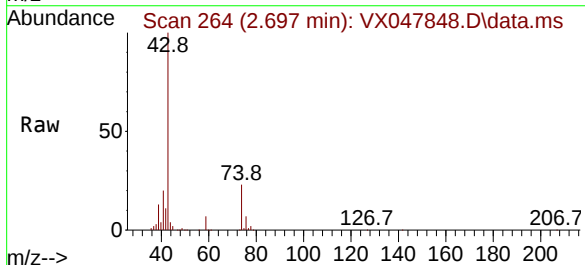
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

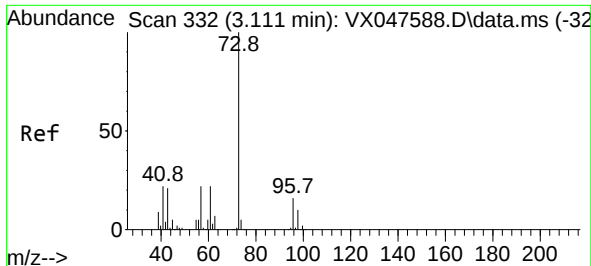
Tgt Ion: 76 Resp: 243456
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 52.586 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 43 Resp: 127806
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.2

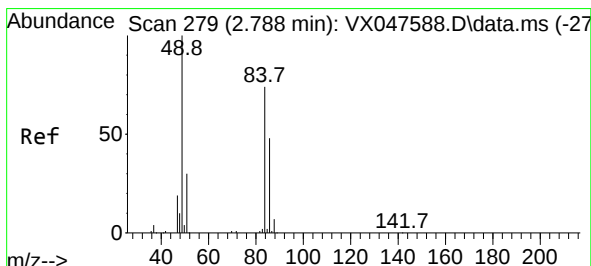
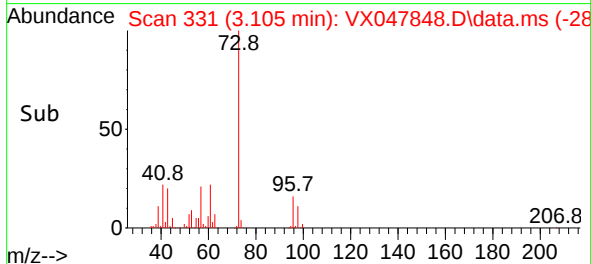
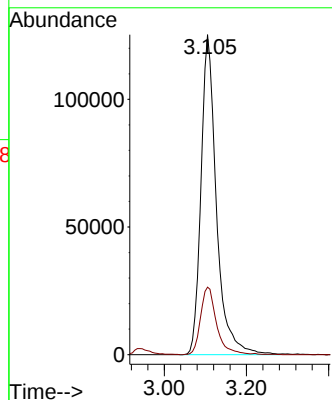
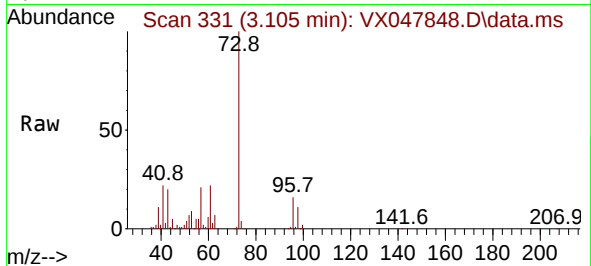




#19
Methyl tert-butyl Ether
Concen: 47.655 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

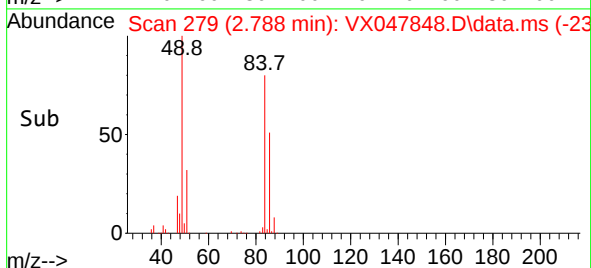
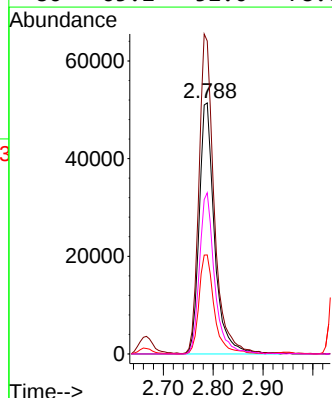
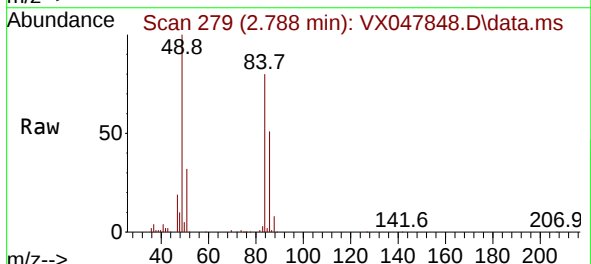
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

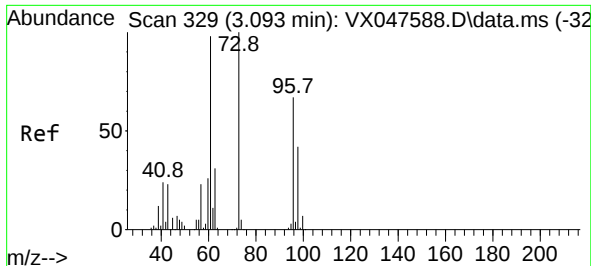
Tgt Ion: 73 Resp: 326134
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2



#20
Methylene Chloride
Concen: 47.494 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 84 Resp: 109790
Ion Ratio Lower Upper
84 100
49 124.4 108.6 162.8
51 39.5 32.6 48.8
86 65.2 52.0 78.0

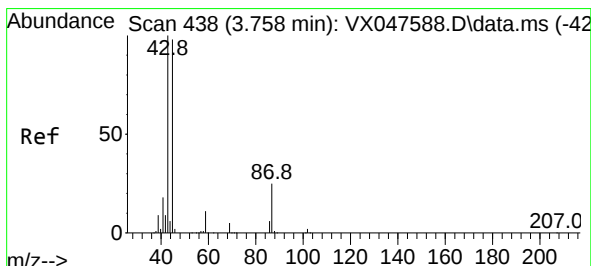
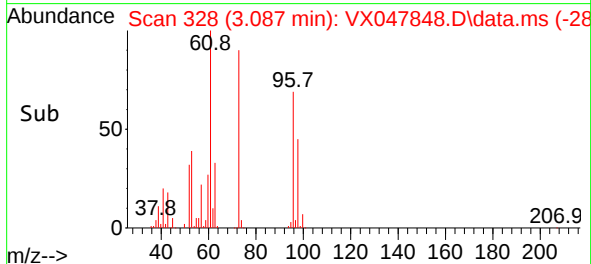
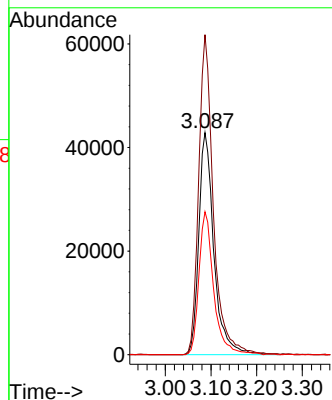
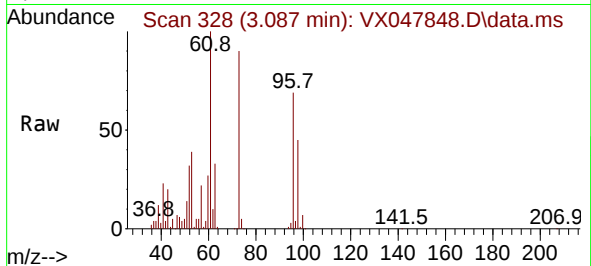




#21
trans-1,2-Dichloroethene
Concen: 48.809 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

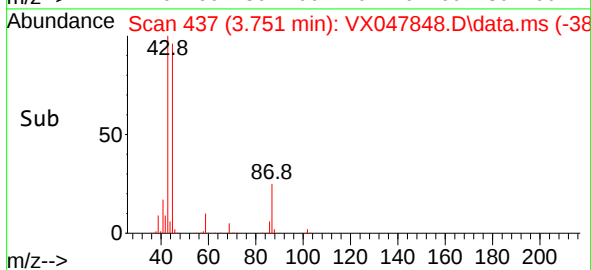
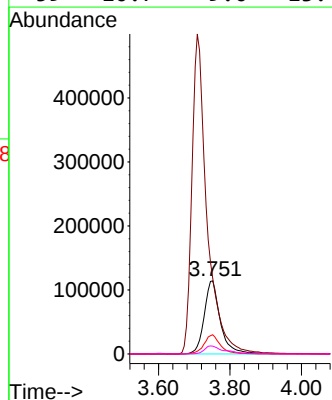
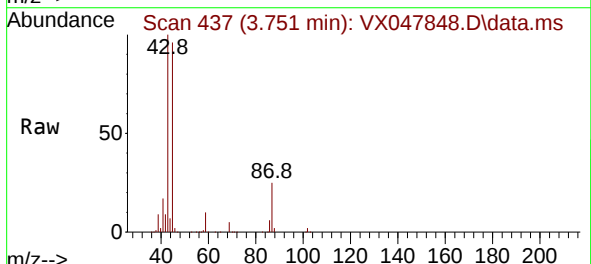
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

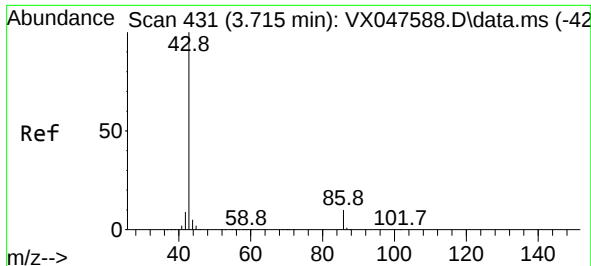
Tgt Ion: 96 Resp: 98516
Ion Ratio Lower Upper
96 100
61 144.0 116.2 174.2
98 64.4 49.3 73.9



#22
Diisopropyl ether
Concen: 47.678 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 45 Resp: 357465
Ion Ratio Lower Upper
45 100
43 103.7 81.0 121.4
87 26.3 20.3 30.5
59 10.7 9.0 13.4

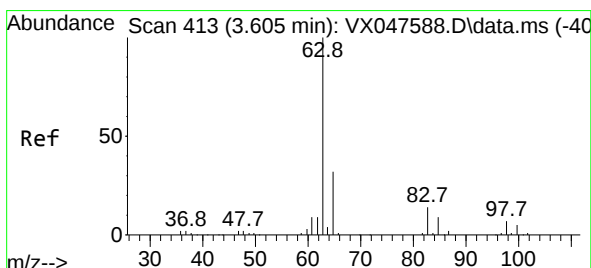
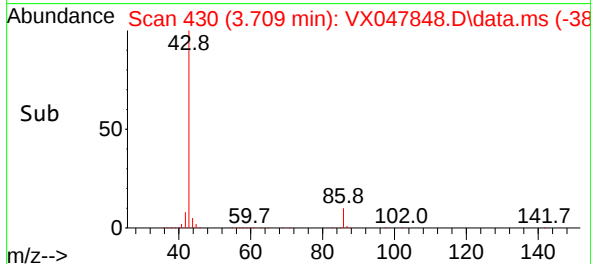
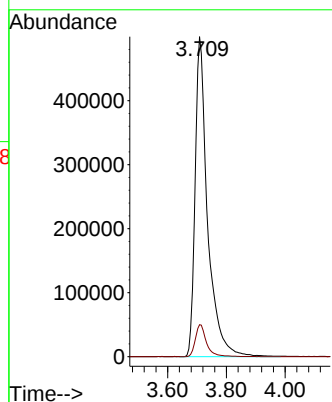
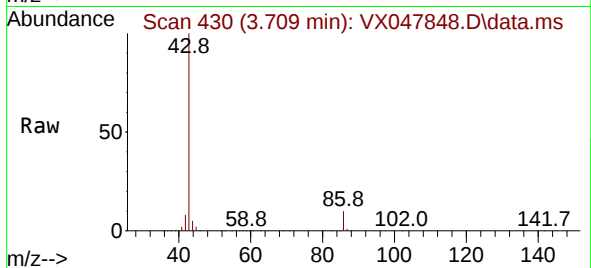




#23
 Vinyl Acetate
 Concen: 245.383 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX047848.D
 Acq: 26 Sep 2025 10:54

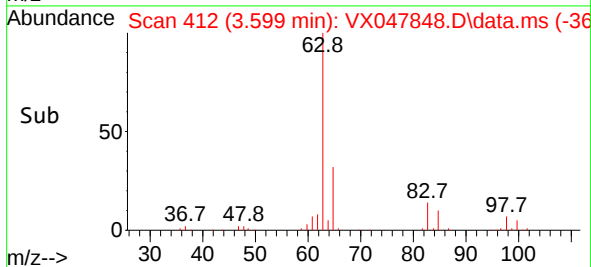
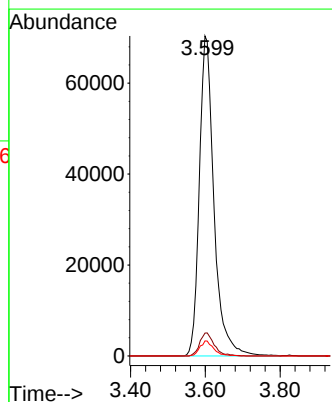
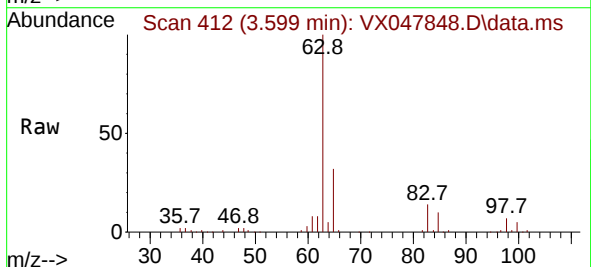
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

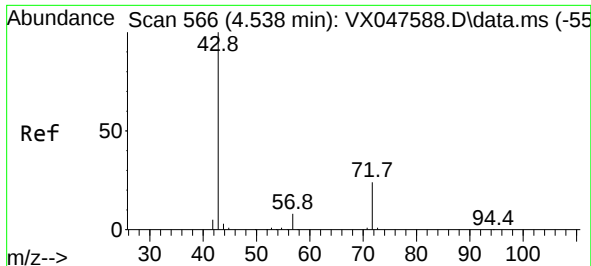
Tgt Ion: 43 Resp: 1472440
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 47.986 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047848.D
 Acq: 26 Sep 2025 10:54

Tgt Ion: 63 Resp: 191224
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.7 2.3 6.9

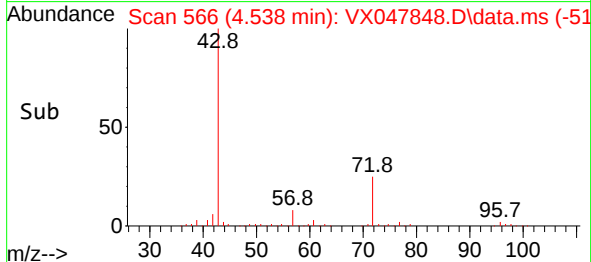
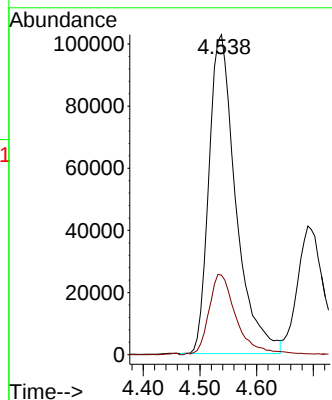
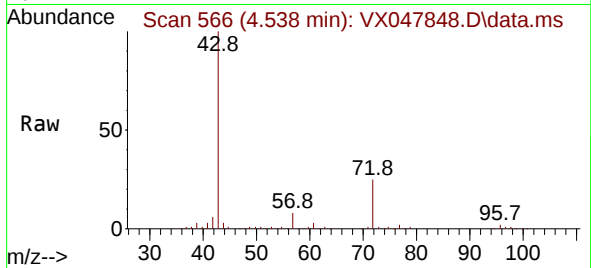




#25
2-Butanone
Concen: 248.547 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

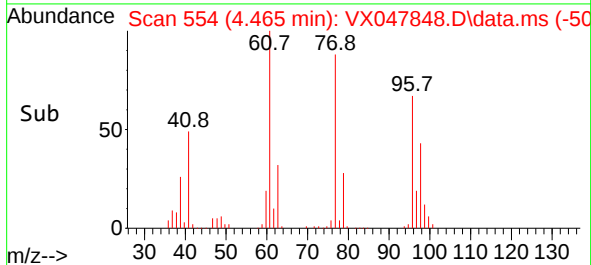
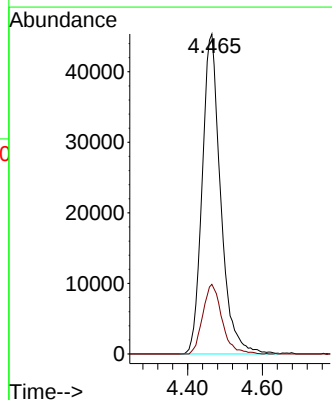
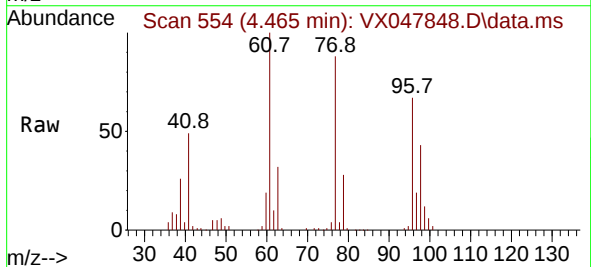
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

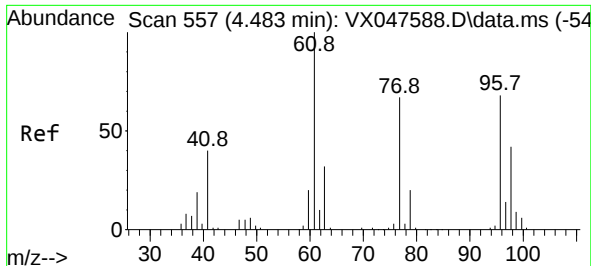
Tgt Ion: 43 Resp: 338581
Ion Ratio Lower Upper
43 100
72 24.6 20.1 30.1



#26
2,2-Dichloropropane
Concen: 46.863 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 77 Resp: 155237
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 48.485 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

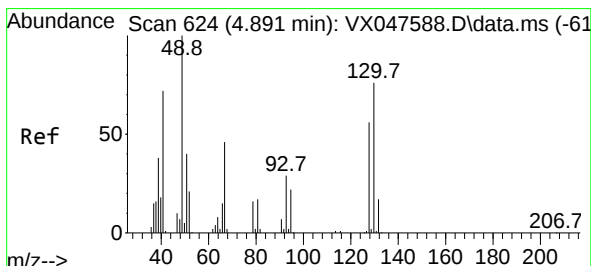
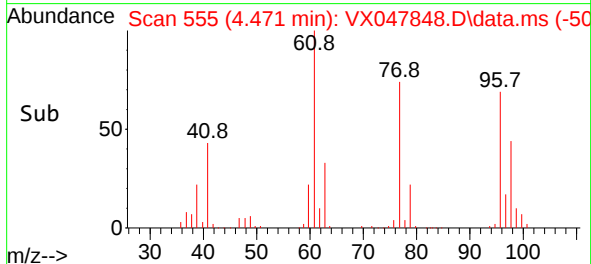
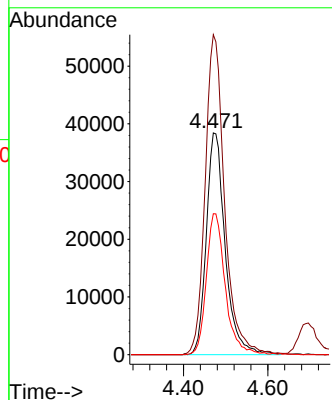
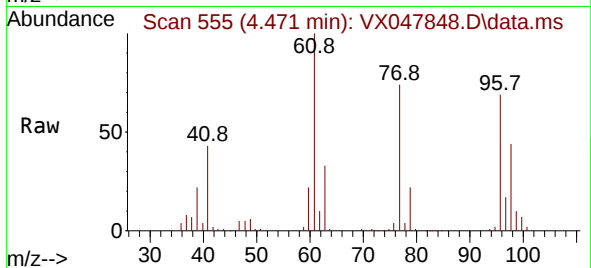
Tgt Ion: 96 Resp: 119849

Ion Ratio Lower Upper

96 100

61 148.0 0.0 303.2

98 63.7 0.0 127.8



#28

Bromochloromethane

Concen: 52.474 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

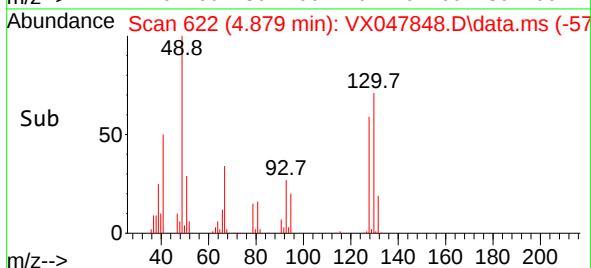
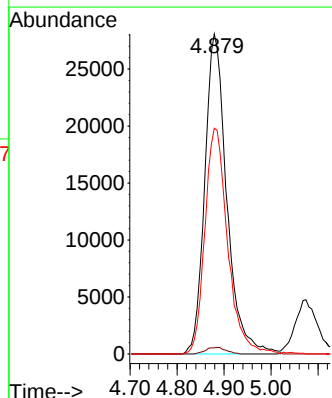
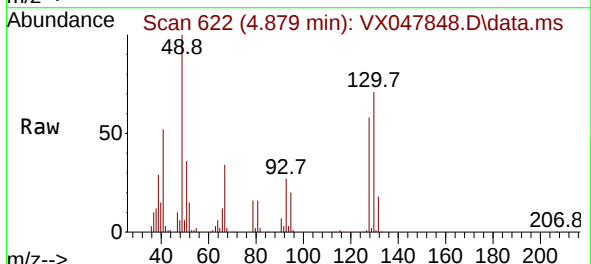
Tgt Ion: 49 Resp: 91289

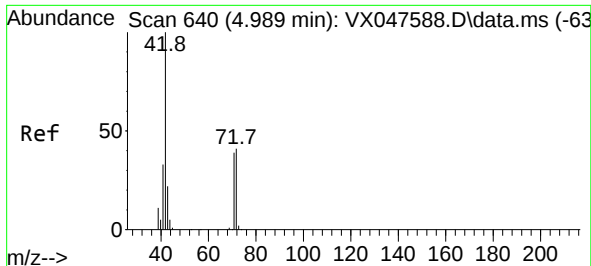
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

130 72.8 57.8 86.8





#29

Tetrahydrofuran

Concen: 252.272 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

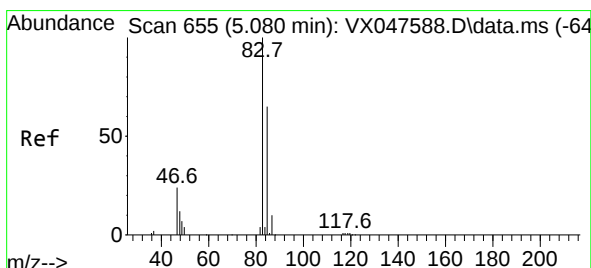
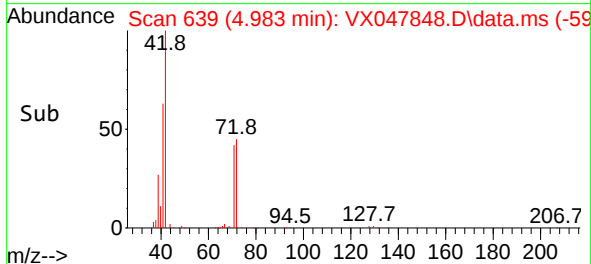
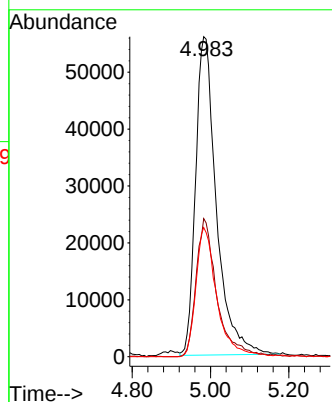
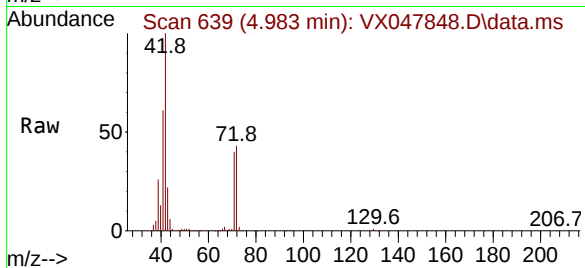
Tgt Ion: 42 Resp: 206735

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.2

71 40.6 31.9 47.9



#30

Chloroform

Concen: 48.728 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX047848.D

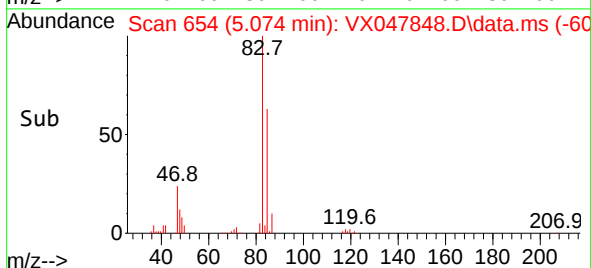
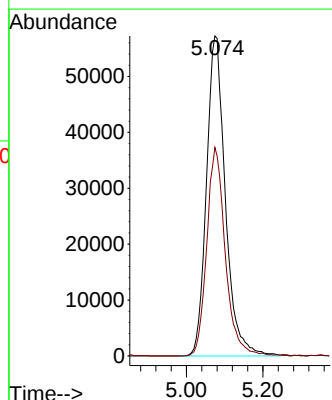
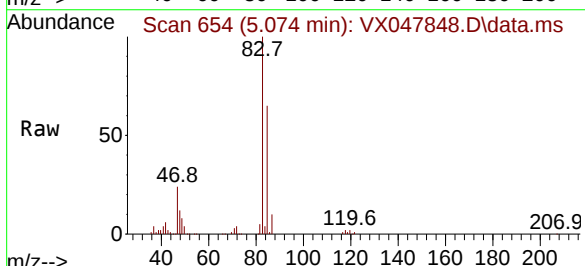
Acq: 26 Sep 2025 10:54

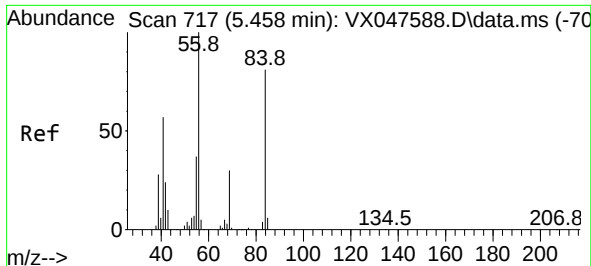
Tgt Ion: 83 Resp: 196223

Ion Ratio Lower Upper

83 100

85 65.1 51.8 77.6

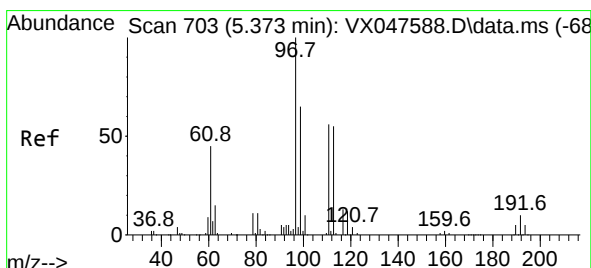
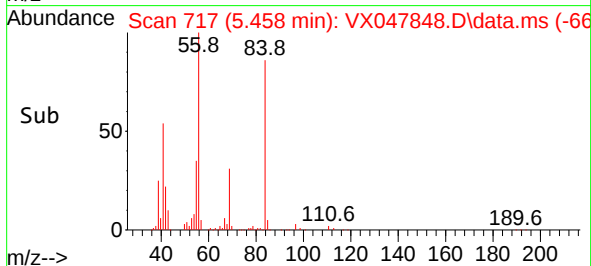
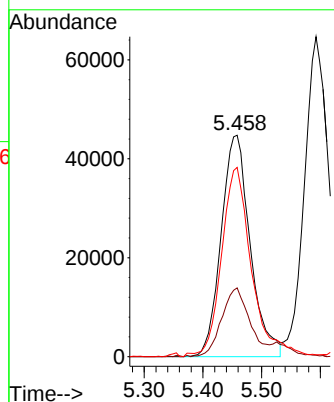
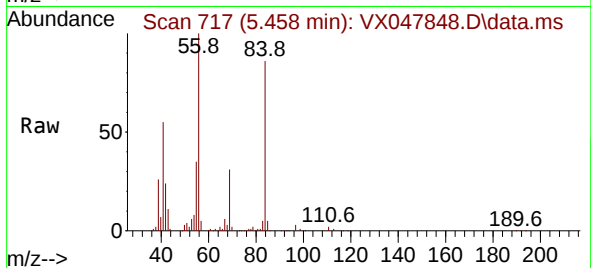




#31
Cyclohexane
Concen: 46.378 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

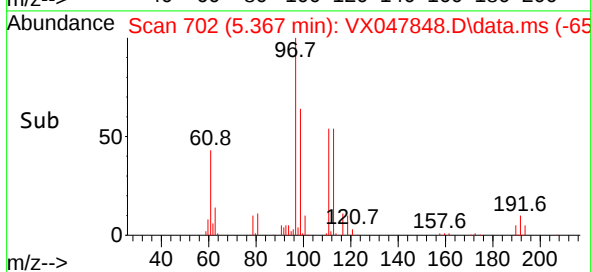
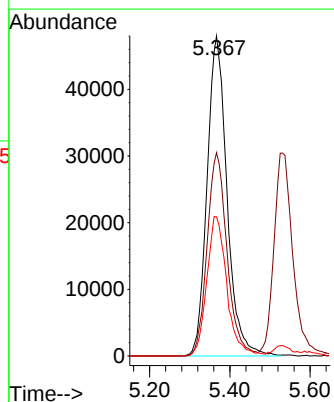
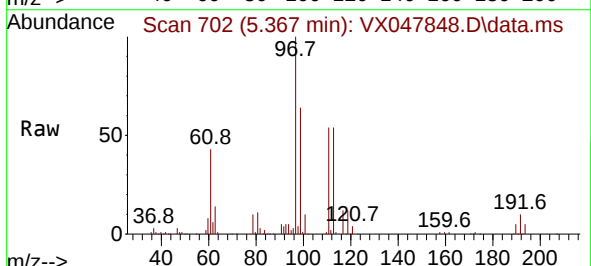
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

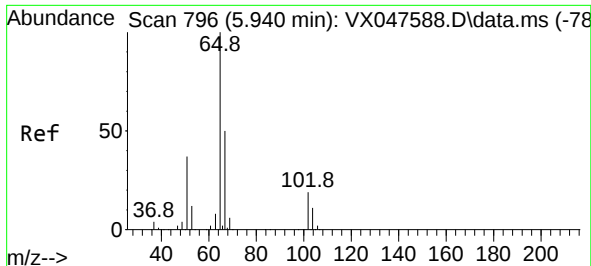
Tgt Ion: 56 Resp: 153928
Ion Ratio Lower Upper
56 100
69 30.7 23.8 35.8
84 85.4 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 48.502 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 97 Resp: 165667
Ion Ratio Lower Upper
97 100
99 63.4 50.6 76.0
61 43.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 42.738 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

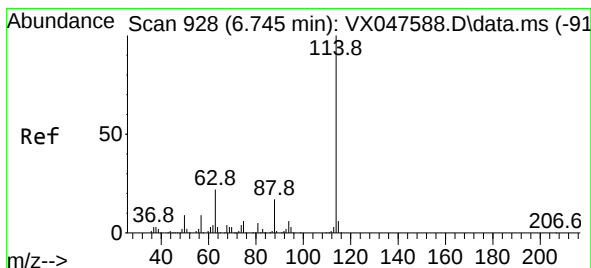
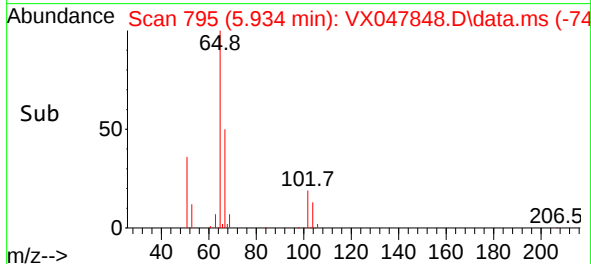
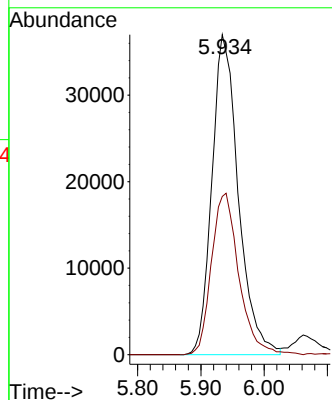
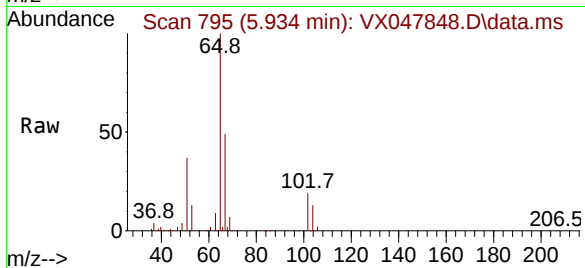
VSTDCCC050

Tgt Ion: 65 Resp: 107344

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

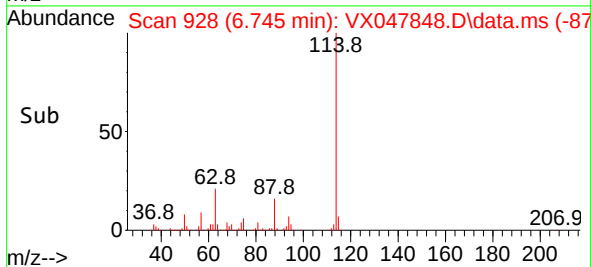
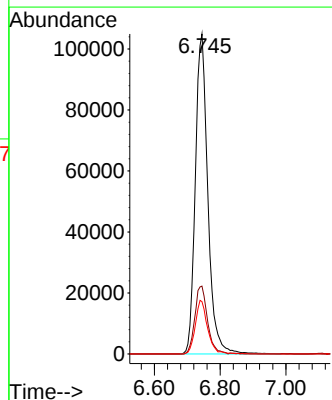
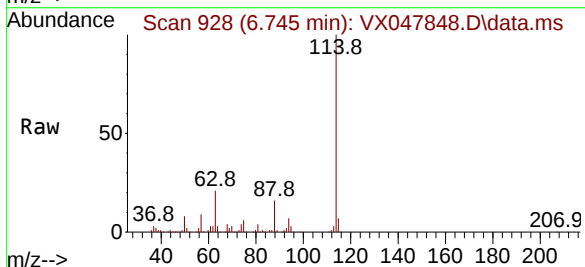
Tgt Ion: 114 Resp: 276647

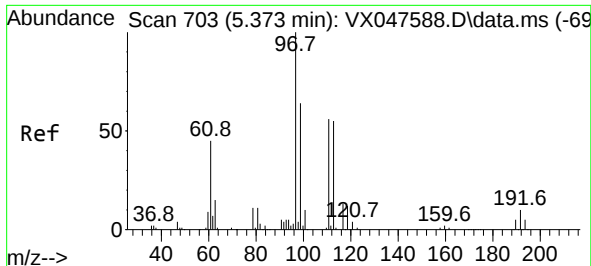
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.4 0.0 34.2

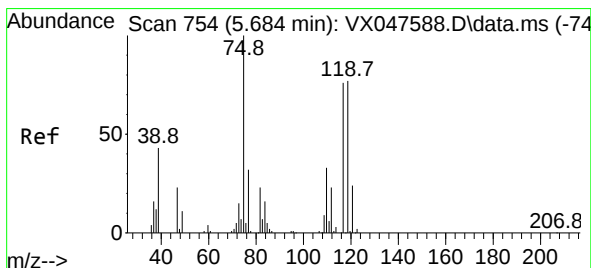
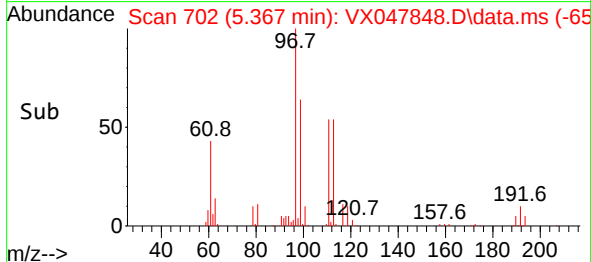
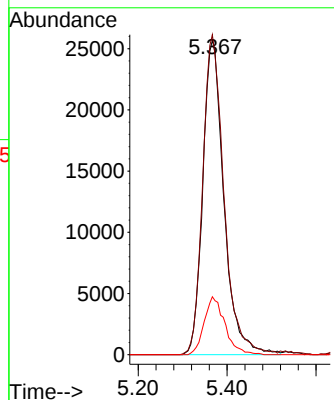
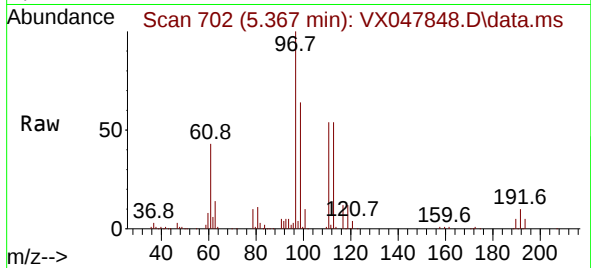




#35
Dibromofluoromethane
Concen: 45.674 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

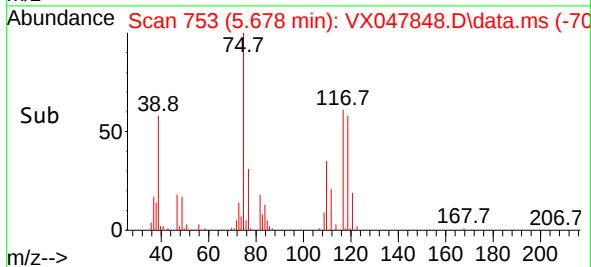
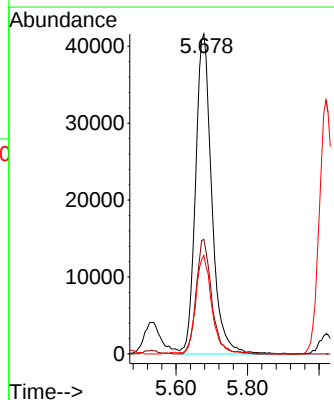
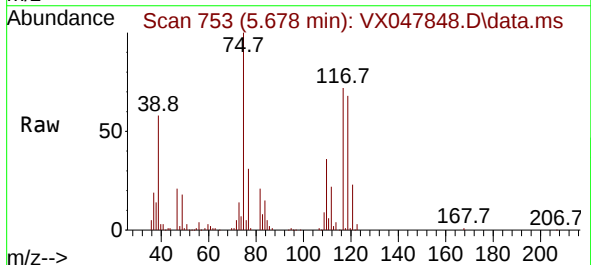
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

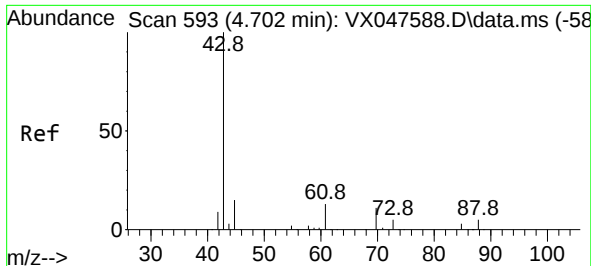
Tgt Ion:113 Resp: 84741
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 18.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 48.235 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 75 Resp: 130770
Ion Ratio Lower Upper
75 100
110 34.4 16.7 50.1
77 29.5 24.3 36.5

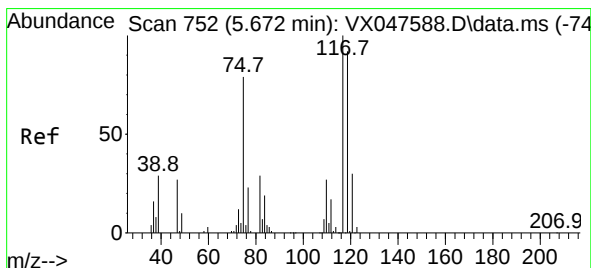
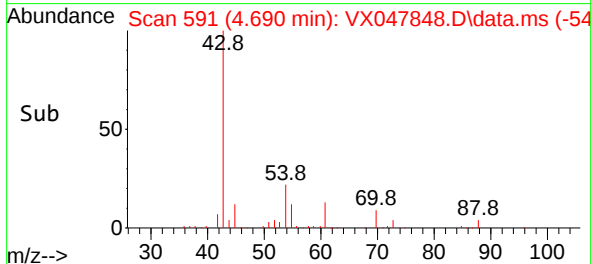
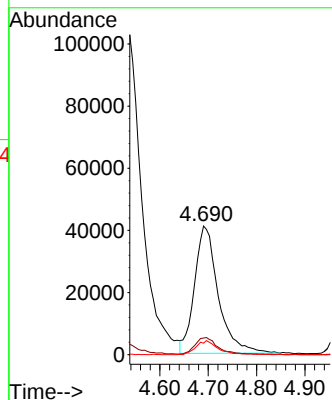
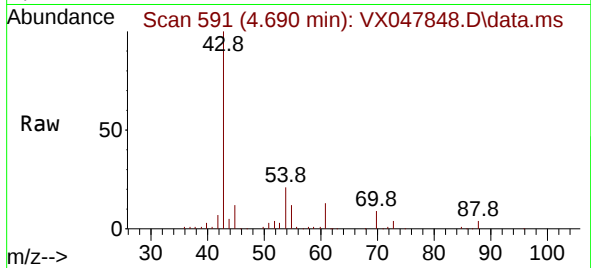




#37
Ethyl Acetate
Concen: 48.054 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.012 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

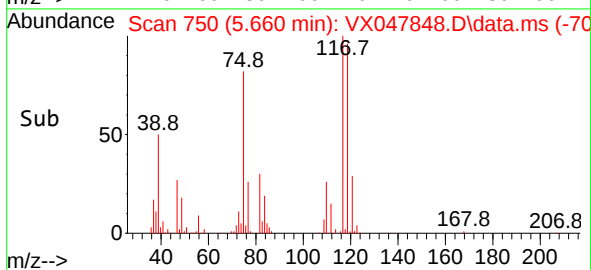
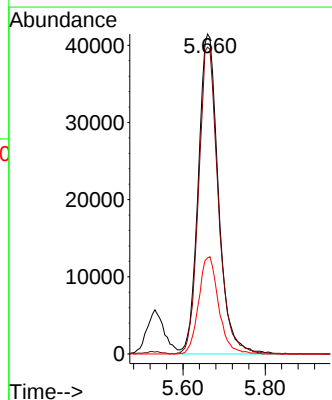
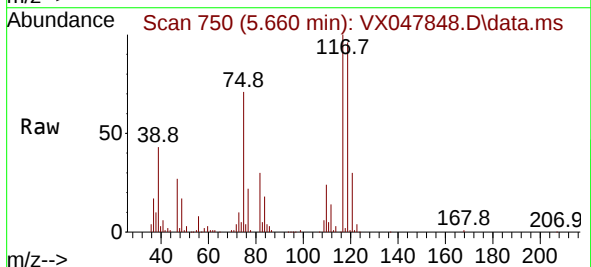
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

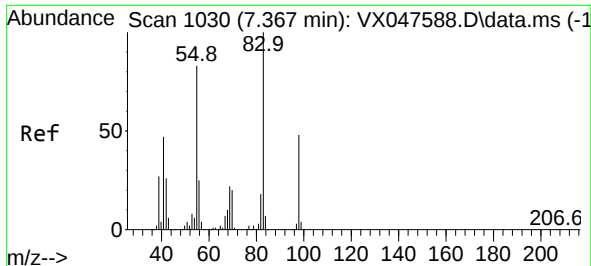
Tgt Ion: 43 Resp: 139492
Ion Ratio Lower Upper
43 100
61 13.6 9.8 14.8
70 10.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 47.619 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 117 Resp: 140270
Ion Ratio Lower Upper
117 100
119 95.7 73.4 110.2
121 30.0 23.8 35.6

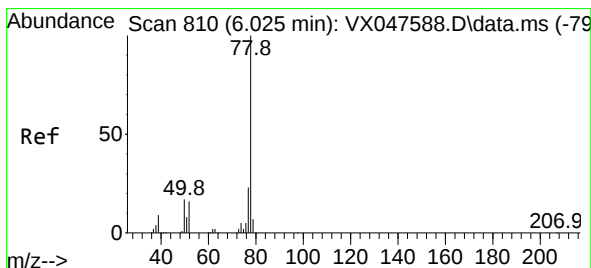
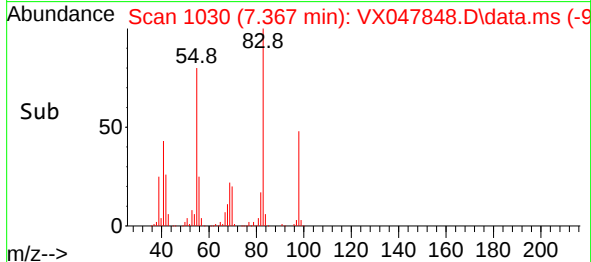
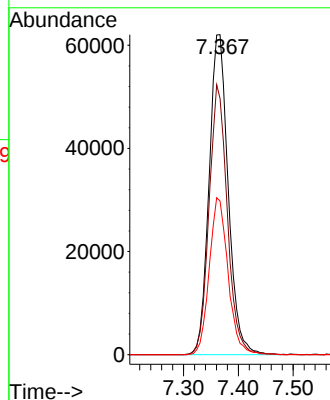
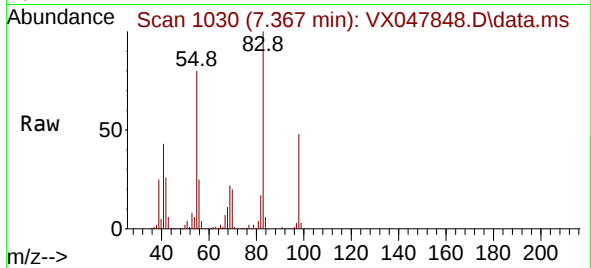




#39
Methylcyclohexane
Concen: 48.731 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

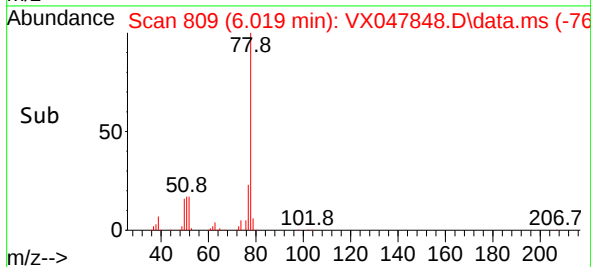
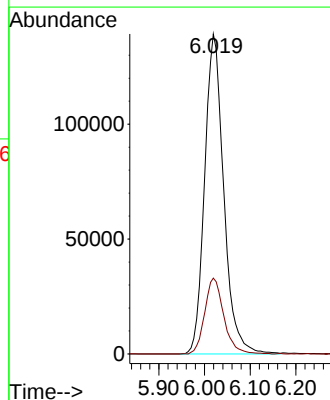
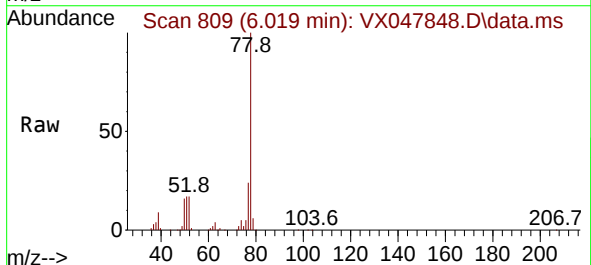
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 149967
Ion Ratio Lower Upper
83 100
55 80.1 66.4 99.6
98 48.0 38.1 57.1



#40
Benzene
Concen: 49.015 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 78 Resp: 403608
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

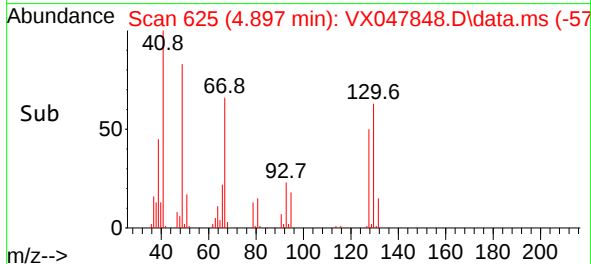
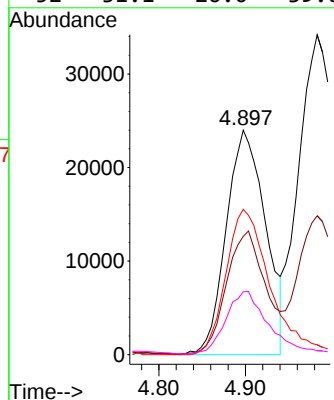
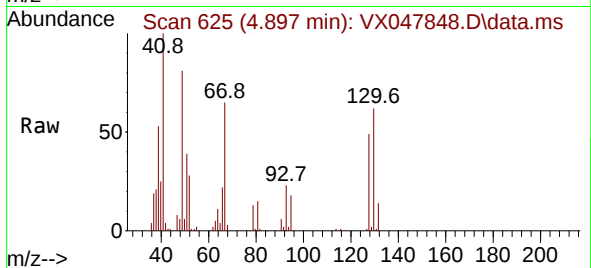




#41
Methacrylonitrile
Concen: 50.553 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

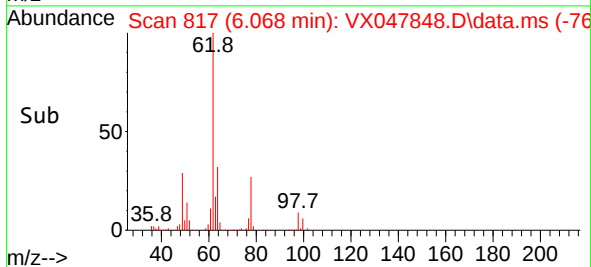
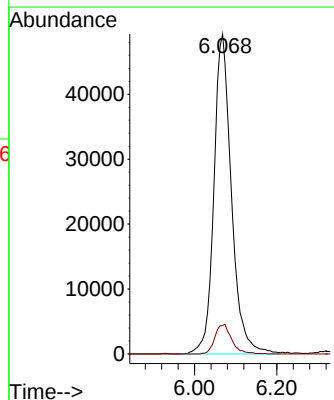
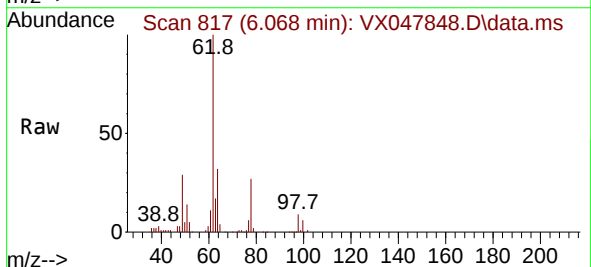
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

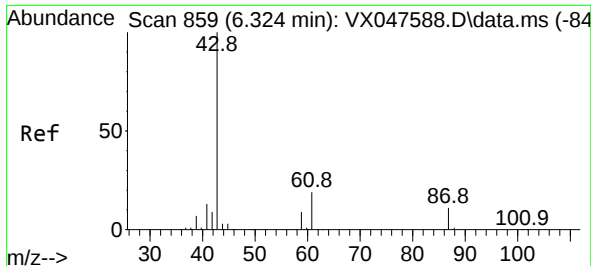
Tgt Ion:	41	Resp:	75759
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.3	64.9
67	74.1	58.6	87.8
52	31.1	26.0	39.0



#42
1,2-Dichloroethane
Concen: 46.627 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion:	62	Resp:	146085
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.0

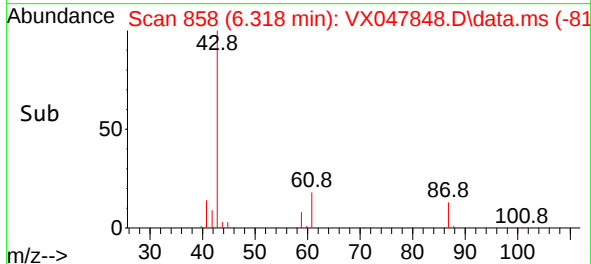
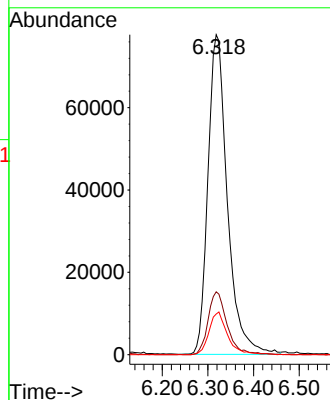
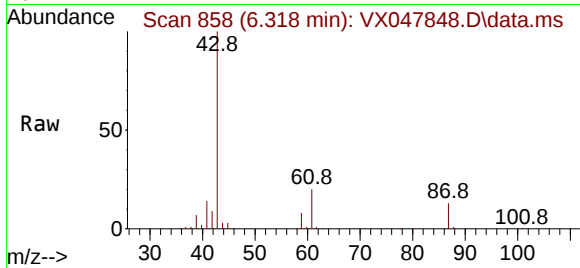




#43
Isopropyl Acetate
Concen: 48.221 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

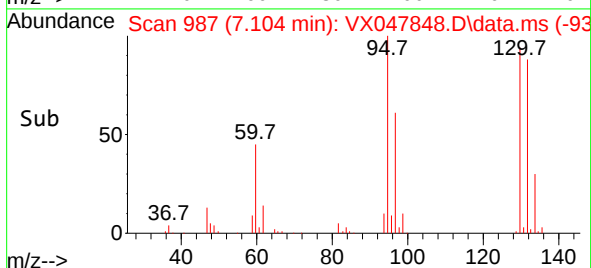
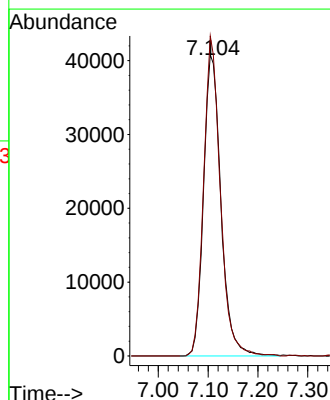
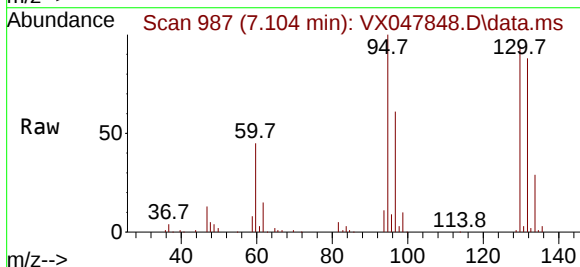
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

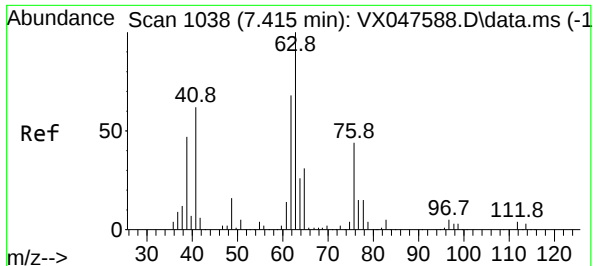
Tgt Ion: 43 Resp: 229571
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 12.7 9.6 14.4



#44
Trichloroethene
Concen: 49.654 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion:130 Resp: 98849
Ion Ratio Lower Upper
130 100
95 106.2 0.0 210.8





#45

1,2-Dichloropropane

Concen: 48.793 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

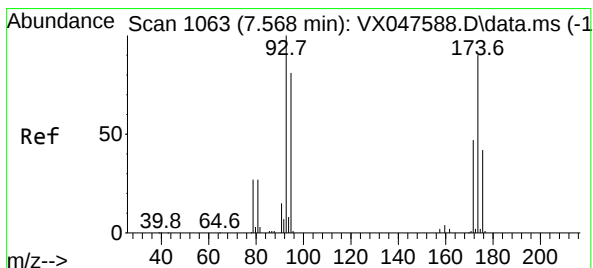
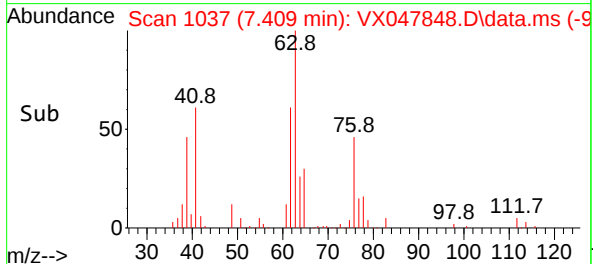
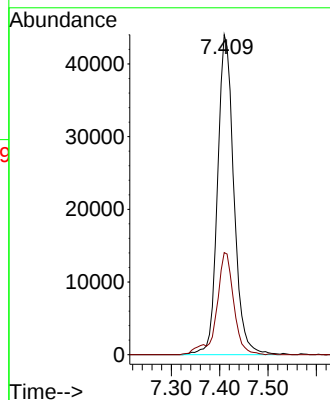
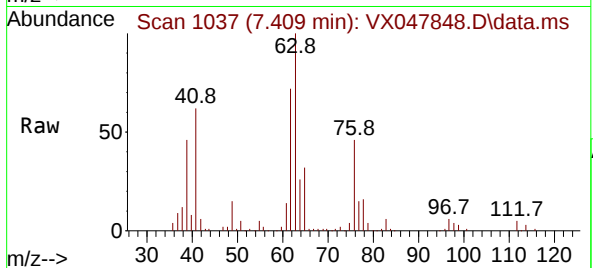
VSTDCCC050

Tgt Ion: 63 Resp: 102880

Ion Ratio Lower Upper

63 100

65 31.9 24.7 37.1



#46

Dibromomethane

Concen: 48.974 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

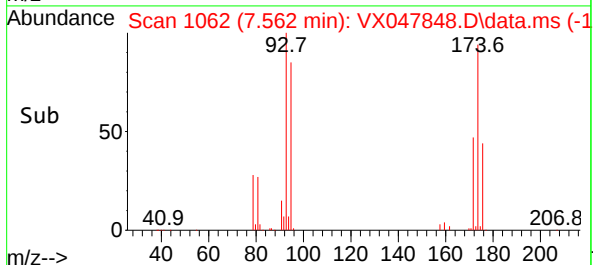
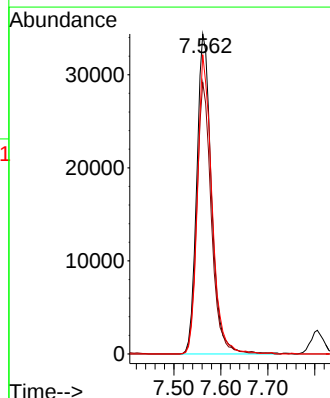
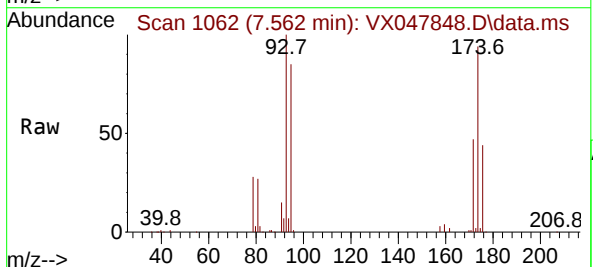
Tgt Ion: 93 Resp: 75143

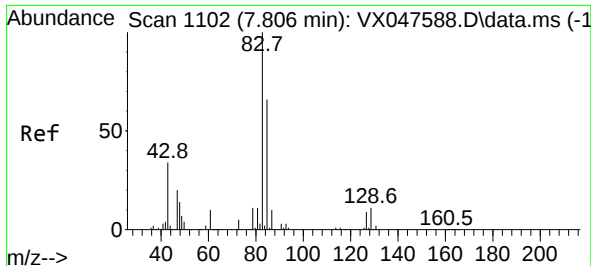
Ion Ratio Lower Upper

93 100

95 83.1 65.0 97.6

174 91.7 71.6 107.4

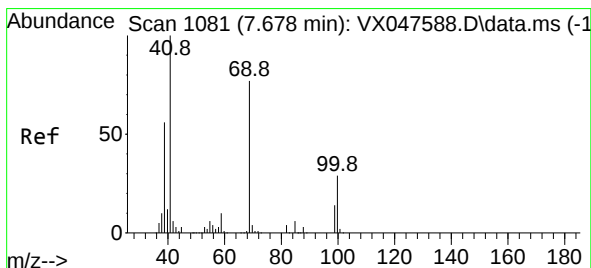
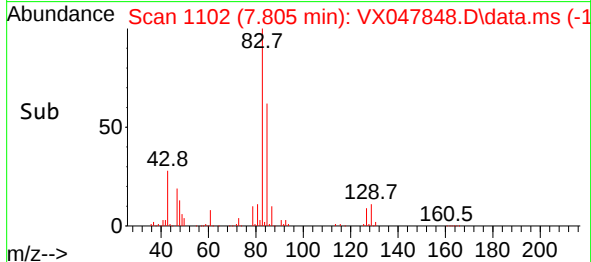
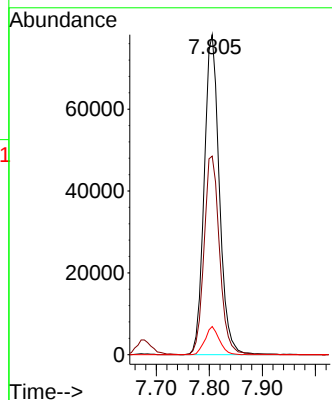
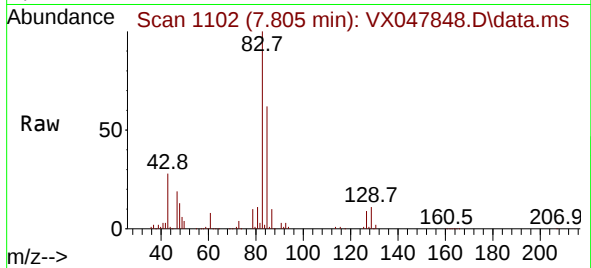




#47
Bromodichloromethane
Concen: 48.976 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

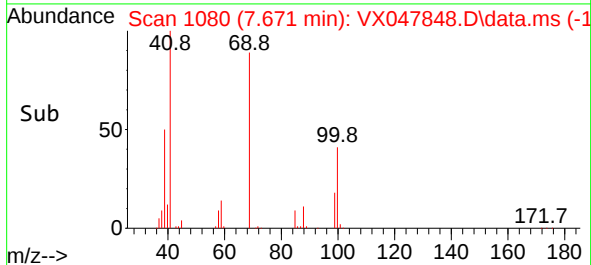
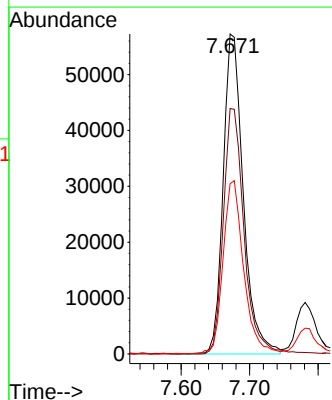
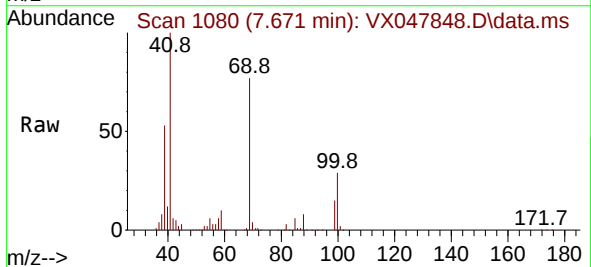
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

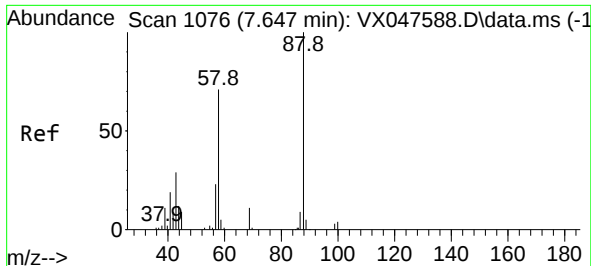
Tgt Ion: 83 Resp: 155070
Ion Ratio Lower Upper
83 100
85 62.1 52.5 78.7
127 8.8 6.9 10.3



#48
Methyl methacrylate
Concen: 49.126 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 41 Resp: 116497
Ion Ratio Lower Upper
41 100
69 79.1 61.4 92.2
39 54.9 45.8 68.6





#49

1,4-Dioxane

Concen: 1285.010 ug/l

RT: 7.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

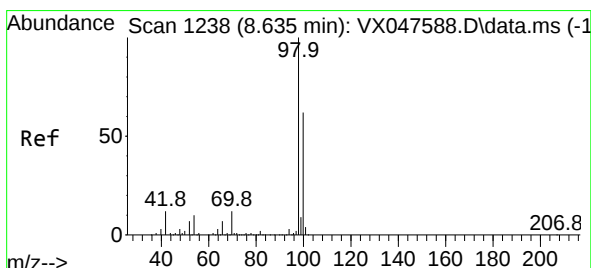
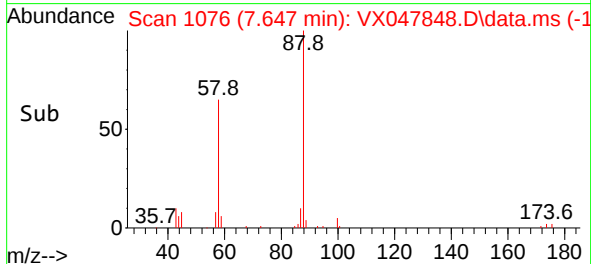
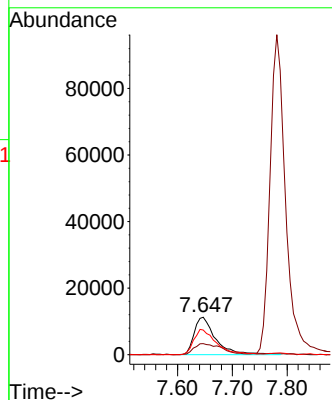
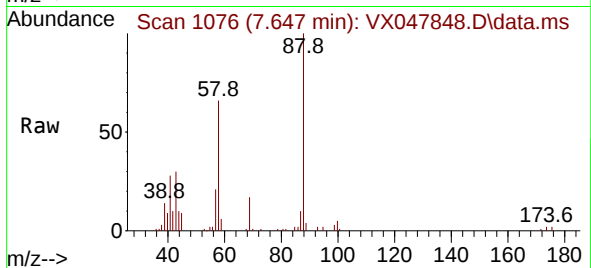
Tgt Ion: 88 Resp: 30796

Ion Ratio Lower Upper

88 100

43 37.7 30.2 45.2

58 70.8 59.5 89.3



#50

Toluene-d8

Concen: 45.615 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047848.D

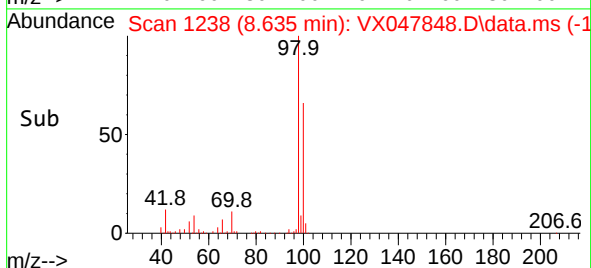
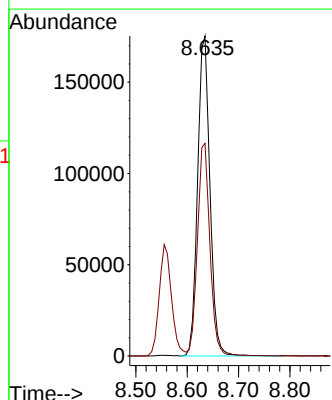
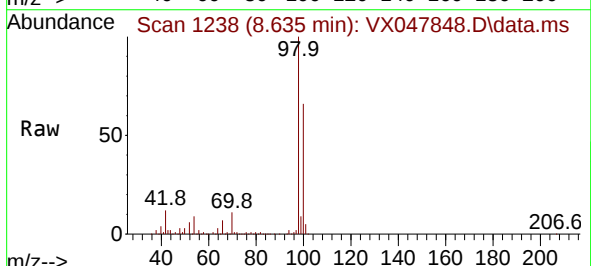
Acq: 26 Sep 2025 10:54

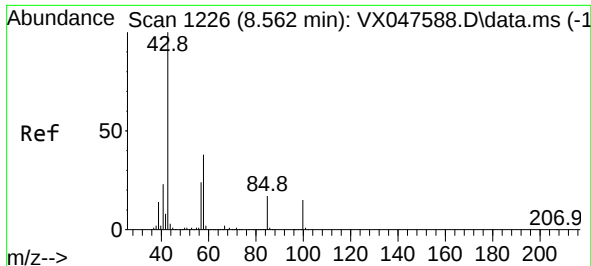
Tgt Ion: 98 Resp: 292845

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.4

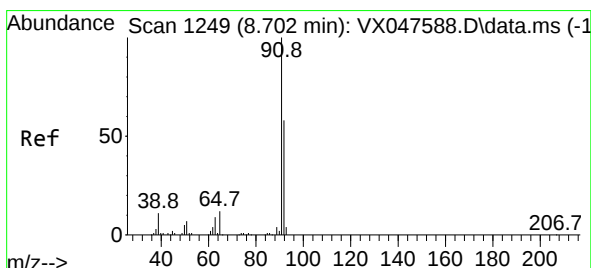
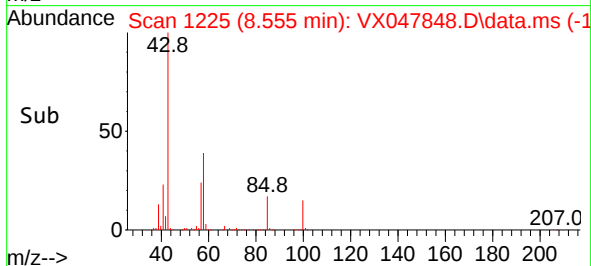
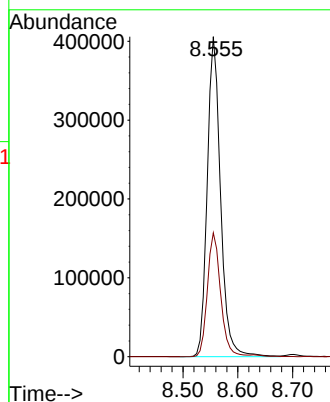
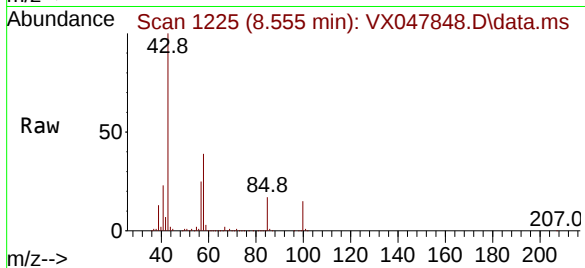




#51
4-Methyl-2-Pentanone
Concen: 258.618 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

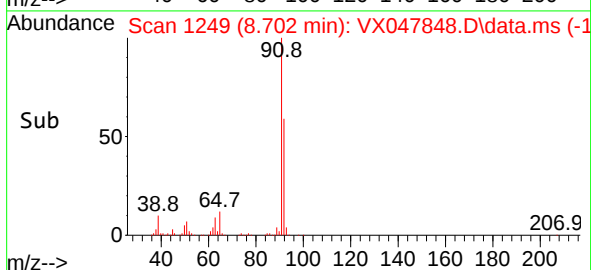
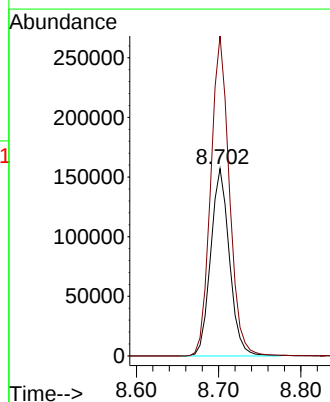
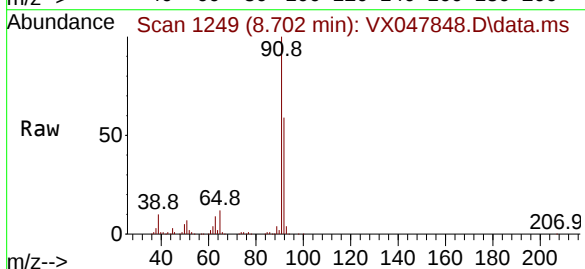
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 682647
Ion Ratio Lower Upper
43 100
58 38.4 30.3 45.5



#52
Toluene
Concen: 48.925 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 92 Resp: 248201
Ion Ratio Lower Upper
92 100
91 170.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 48.694 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

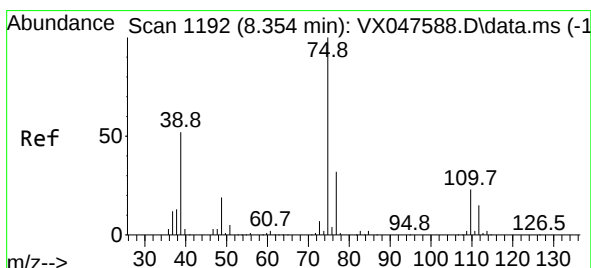
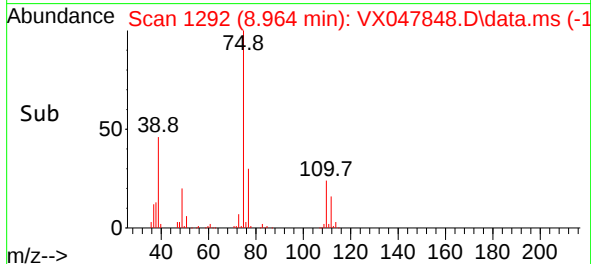
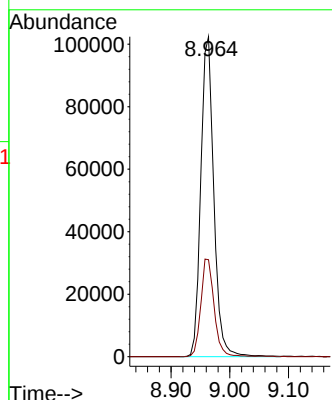
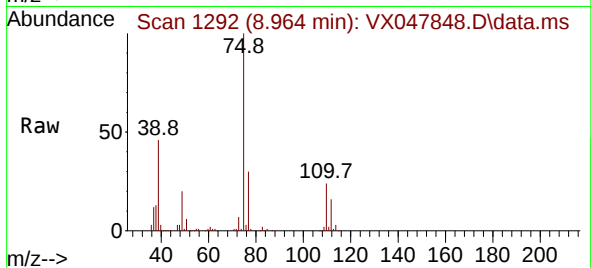
VSTDCCC050

Tgt Ion: 75 Resp: 157262

Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.769 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

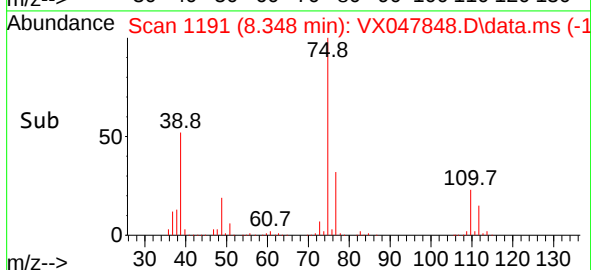
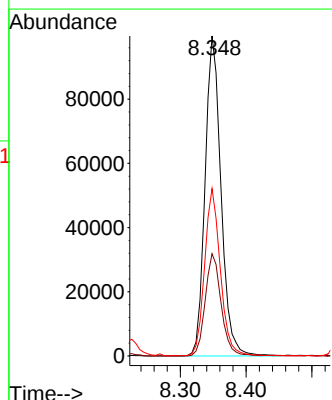
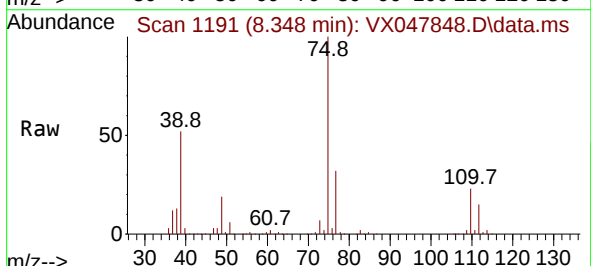
Tgt Ion: 75 Resp: 168348

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 51.7 41.4 62.2

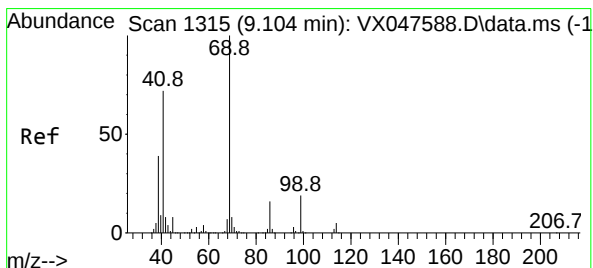
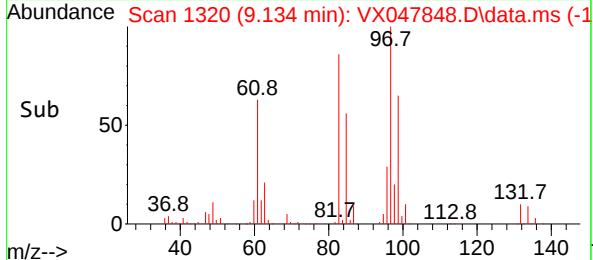
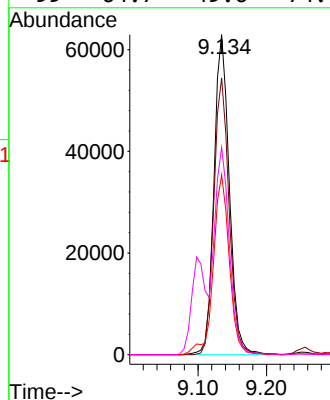
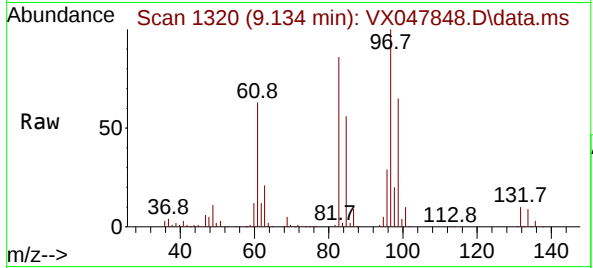




#55
 1,1,2-Trichloroethane
 Concen: 49.908 ug/l
 RT: 9.134 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047848.D
 Acq: 26 Sep 2025 10:54

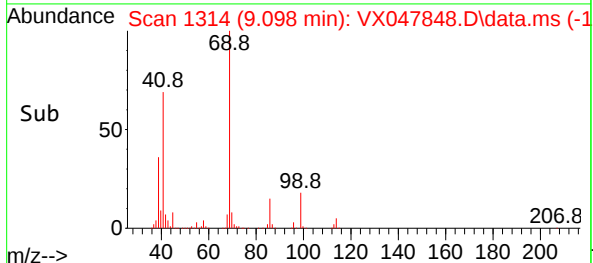
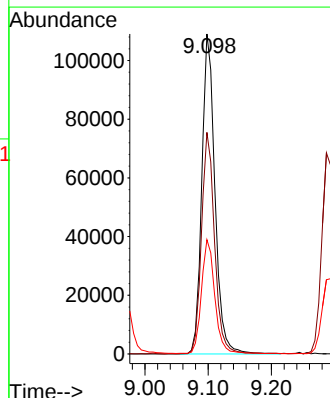
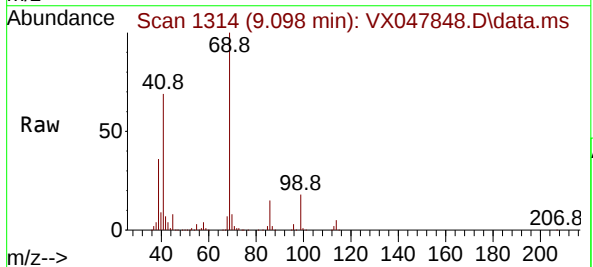
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

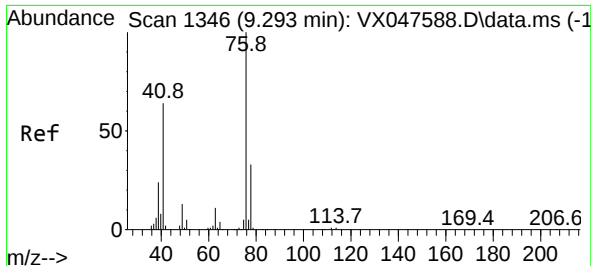
Tgt Ion:	97	Resp:	97629
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.6	104.4
85	56.2	45.0	67.6
99	64.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 51.355 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.006 min
 Lab File: VX047848.D
 Acq: 26 Sep 2025 10:54

Tgt Ion:	69	Resp:	157769
Ion	Ratio	Lower	Upper
69	100		
41	69.5	58.6	87.8
39	36.1	31.5	47.3





#57

1,3-Dichloropropane

Concen: 50.135 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

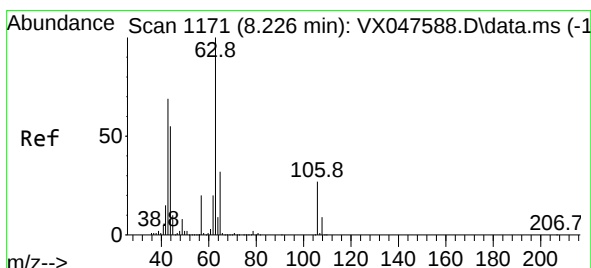
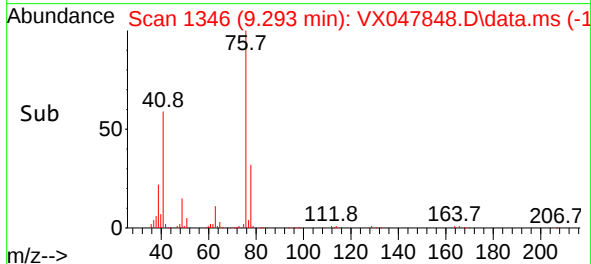
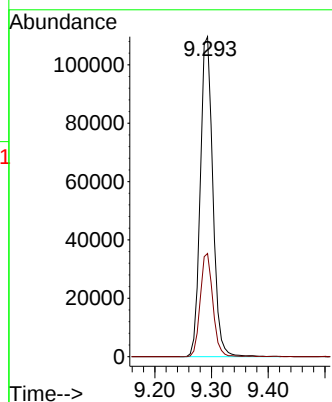
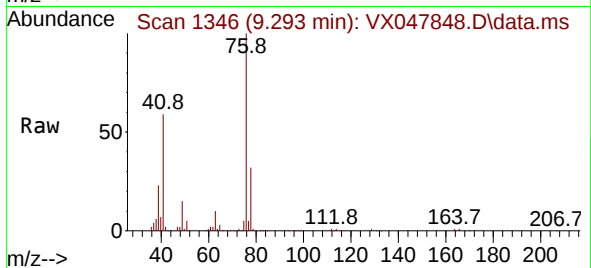
VSTDCCC050

Tgt Ion: 76 Resp: 168474

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 262.682 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047848.D

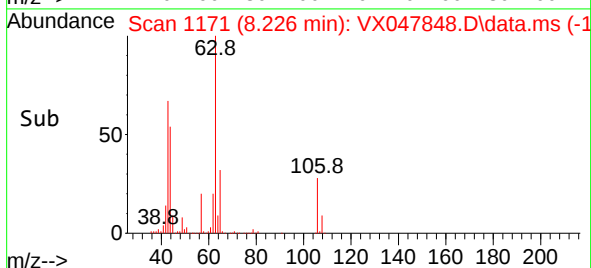
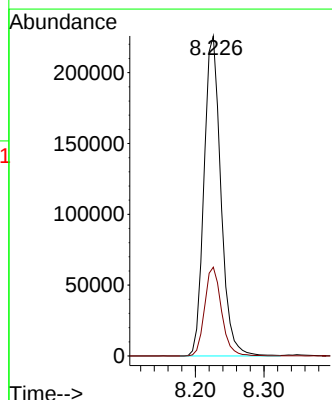
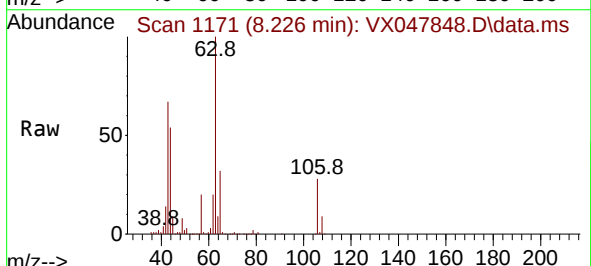
Acq: 26 Sep 2025 10:54

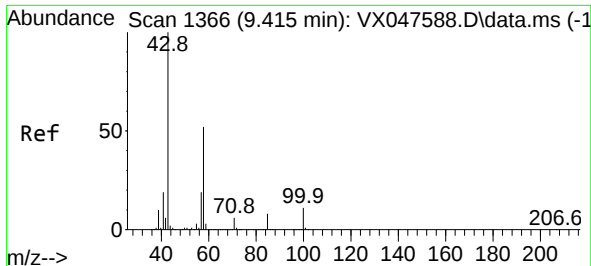
Tgt Ion: 63 Resp: 386885

Ion Ratio Lower Upper

63 100

106 27.7 21.9 32.9

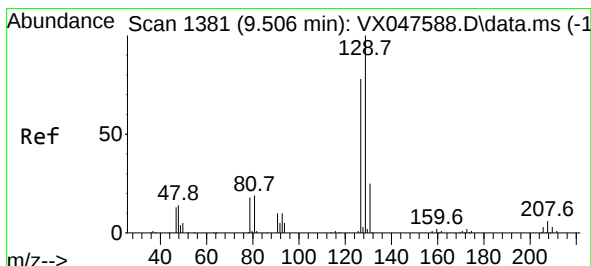
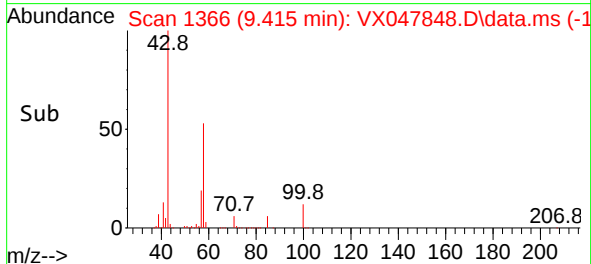
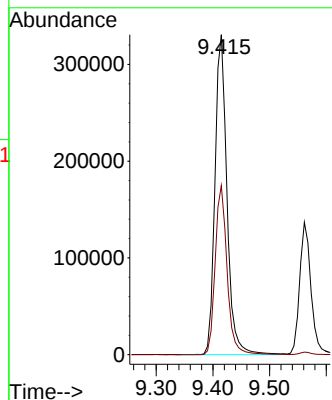
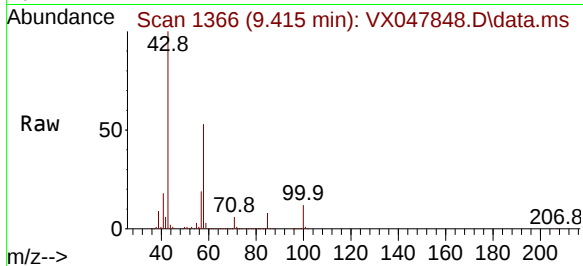




#59
2-Hexanone
Concen: 255.784 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

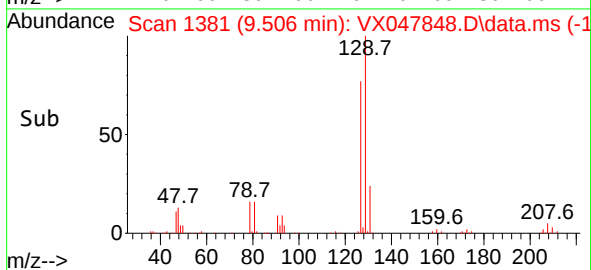
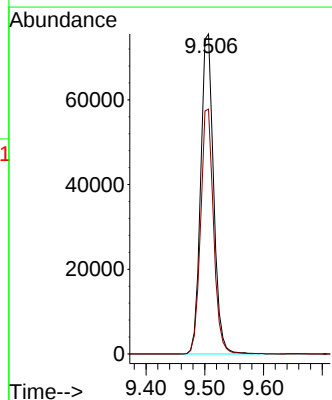
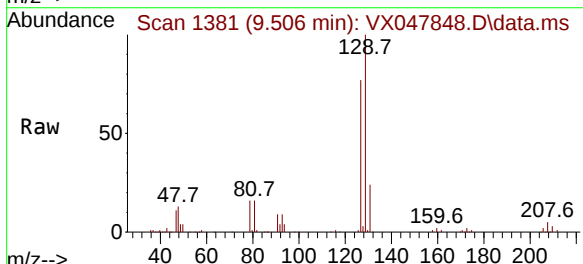
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

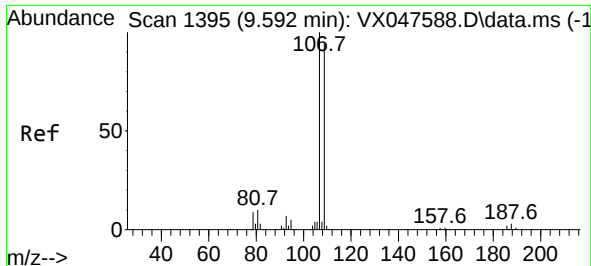
Tgt Ion: 43 Resp: 484906
Ion Ratio Lower Upper
43 100
58 52.7 26.1 78.2



#60
Dibromochloromethane
Concen: 51.091 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion:129 Resp: 115156
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2

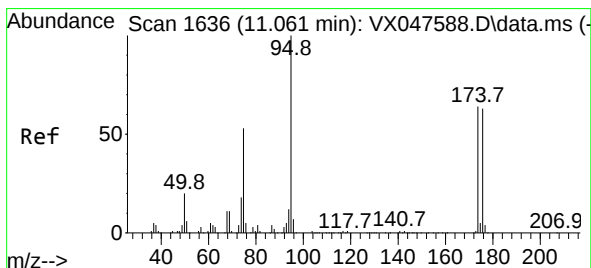
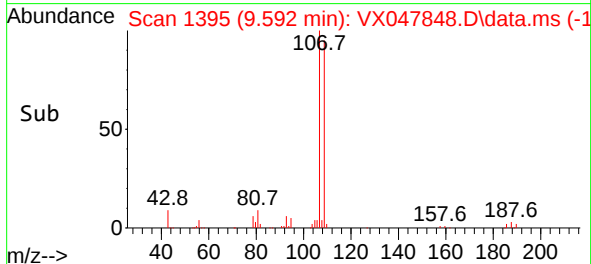
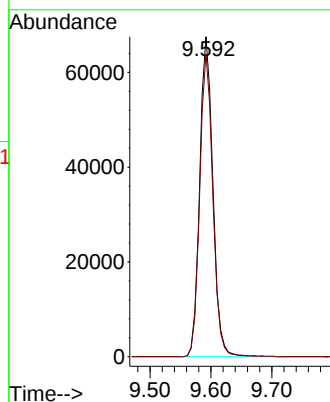
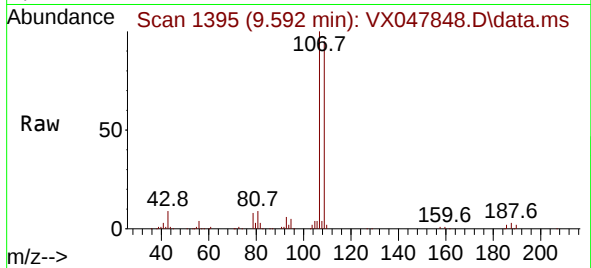




#61
1,2-Dibromoethane
Concen: 50.931 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

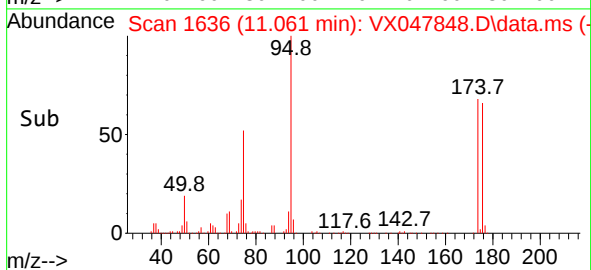
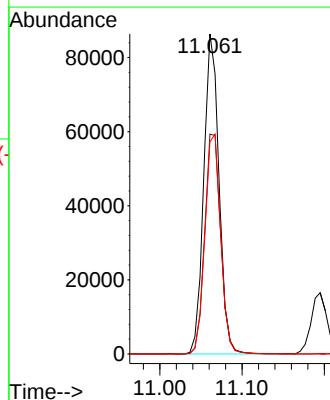
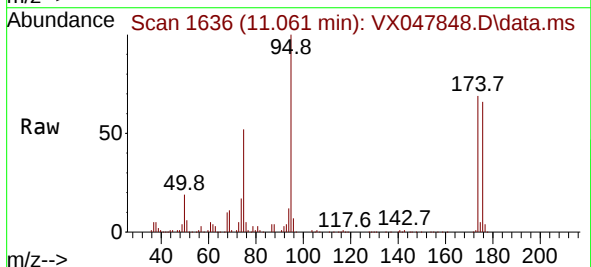
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 101479
Ion Ratio Lower Upper
107 100
109 93.7 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 45.573 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 95 Resp: 111037
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 70.8 0.0 138.4

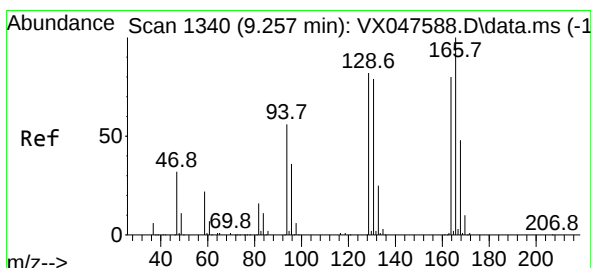
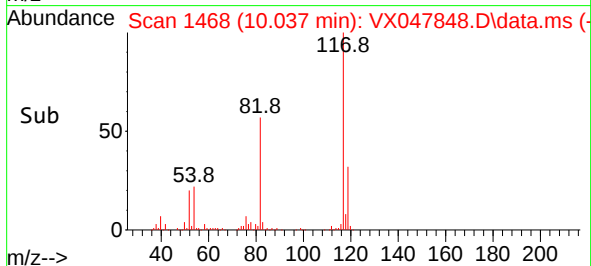
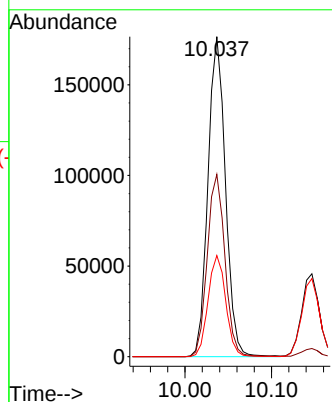
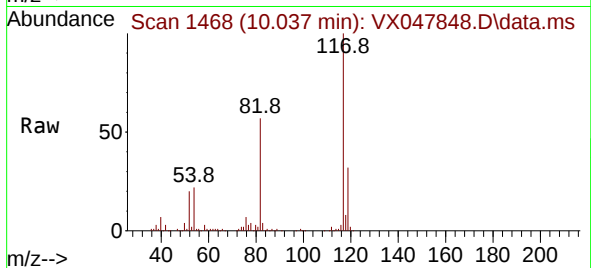




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

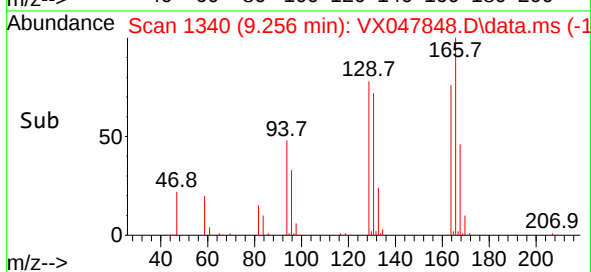
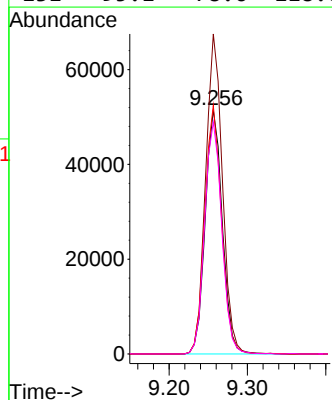
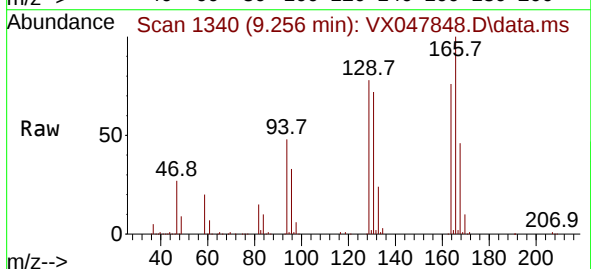
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

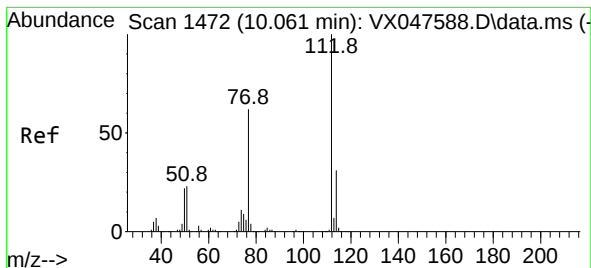
Tgt Ion:117 Resp: 247479
Ion Ratio Lower Upper
117 100
82 56.9 47.8 71.6
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 48.335 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion:164 Resp: 77979
Ion Ratio Lower Upper
164 100
166 131.2 100.2 150.2
129 101.8 81.8 122.6
131 95.1 78.6 118.0





#65

Chlorobenzene

Concen: 48.896 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

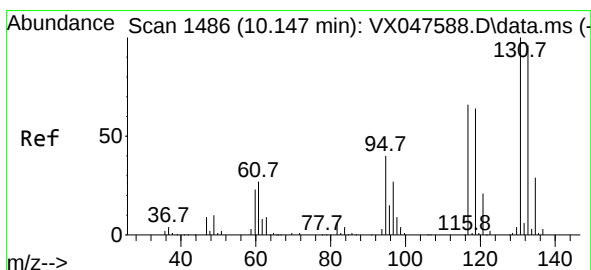
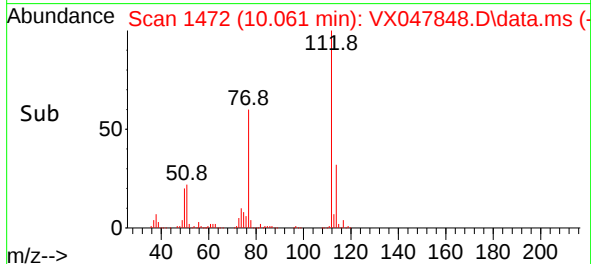
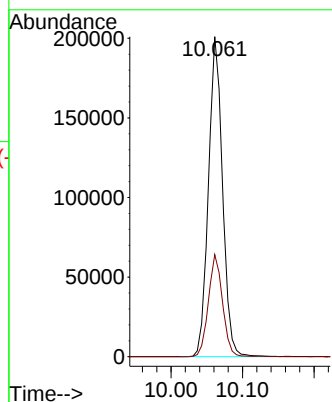
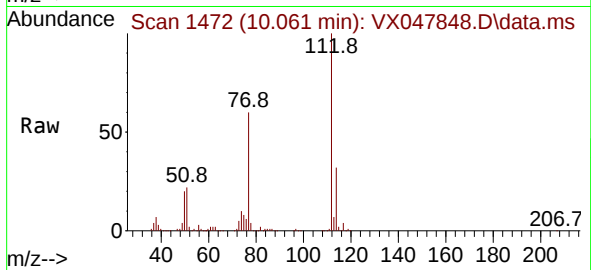
VSTDCCC050

Tgt Ion:112 Resp: 274907

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 49.072 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

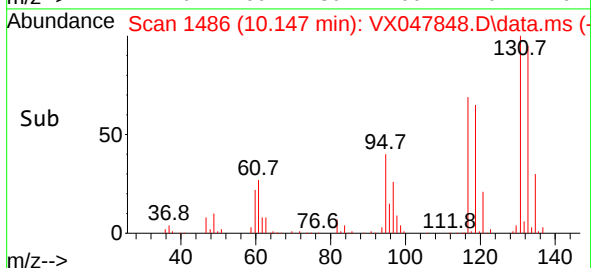
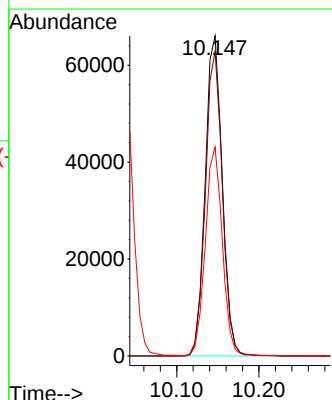
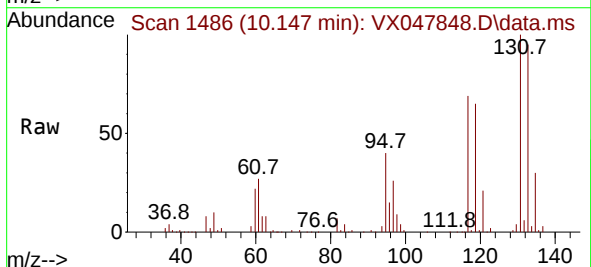
Tgt Ion:131 Resp: 95203

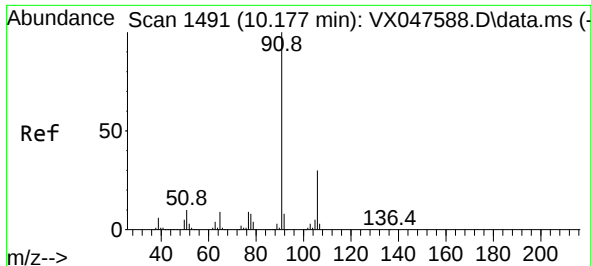
Ion Ratio Lower Upper

131 100

133 94.7 47.3 142.0

119 65.2 32.0 96.0

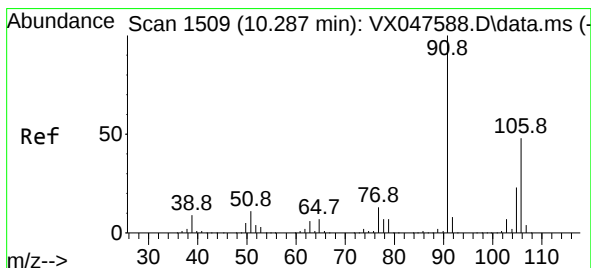
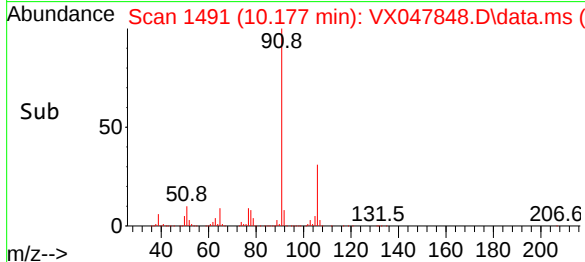
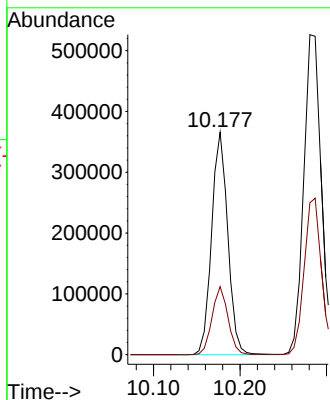
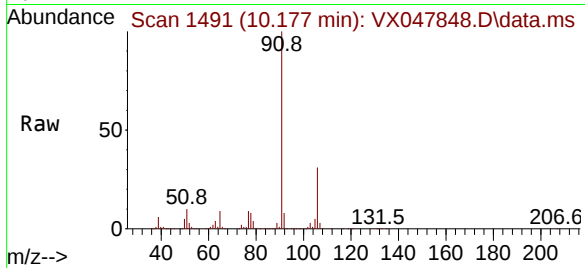




#67
Ethyl Benzene
Concen: 48.955 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

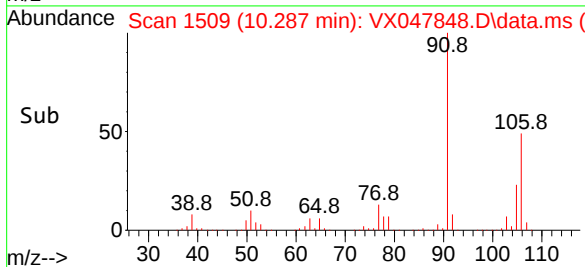
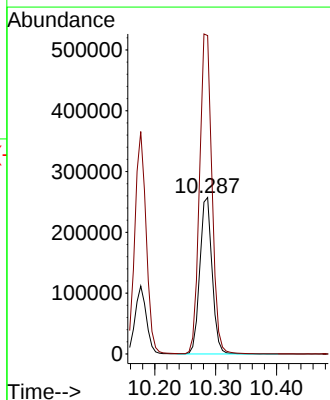
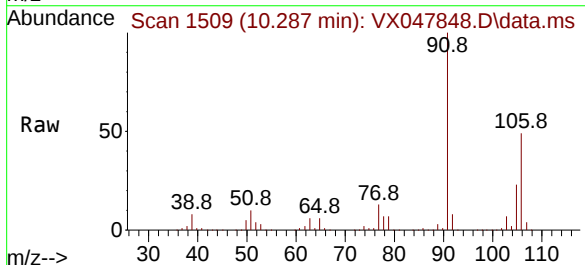
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

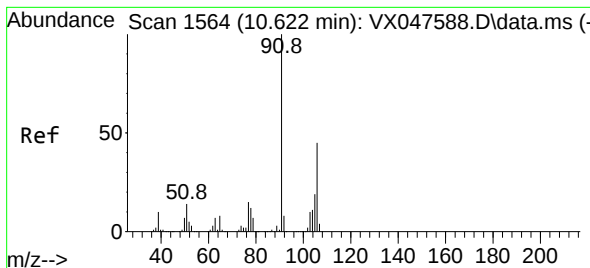
Tgt Ion: 91 Resp: 474899
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5



#68
m/p-Xylenes
Concen: 99.589 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion:106 Resp: 359586
Ion Ratio Lower Upper
106 100
91 207.0 167.8 251.8





#69

o-Xylene

Concen: 49.643 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

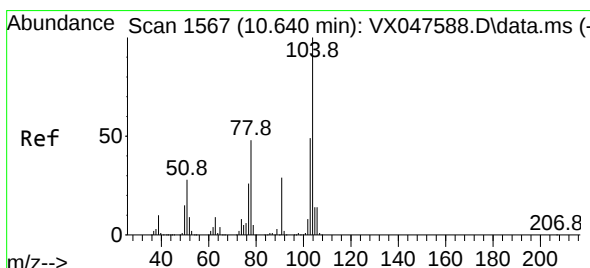
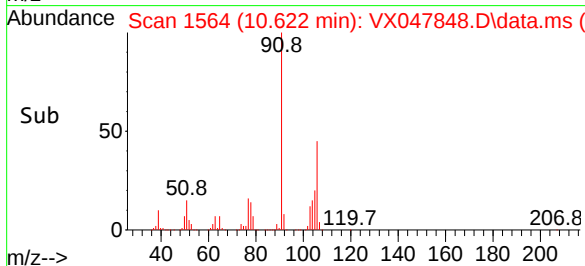
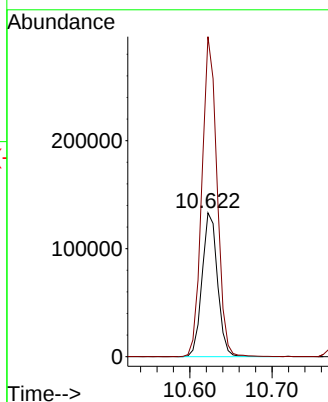
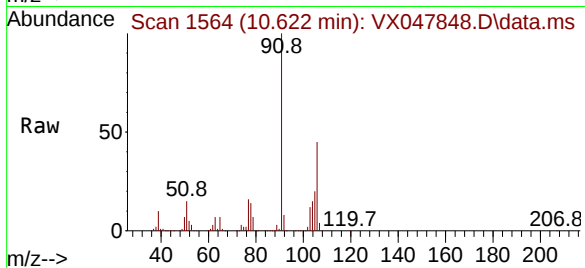
VSTDCCC050

Tgt Ion:106 Resp: 173372

Ion Ratio Lower Upper

106 100

91 218.2 111.1 333.4



#70

Styrene

Concen: 49.003 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

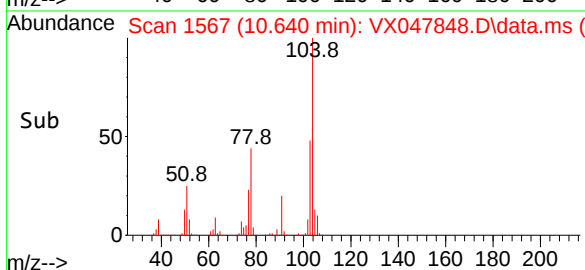
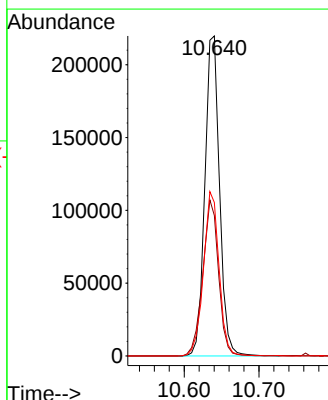
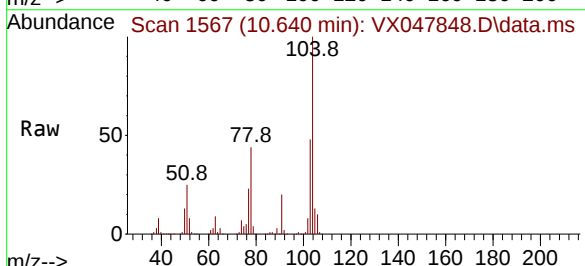
Tgt Ion:104 Resp: 299864

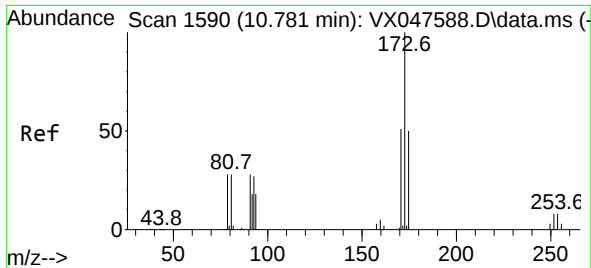
Ion Ratio Lower Upper

104 100

78 52.3 43.1 64.7

103 54.5 43.1 64.7

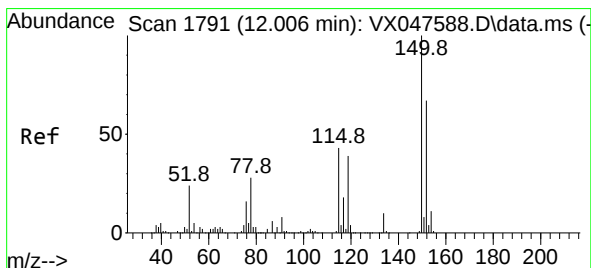
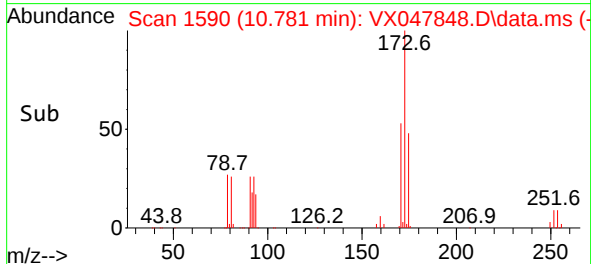
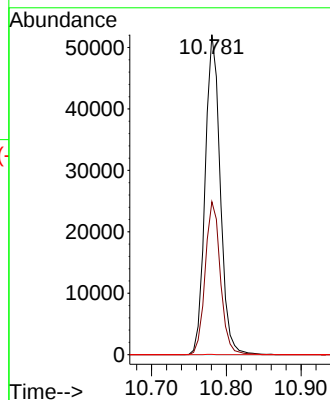
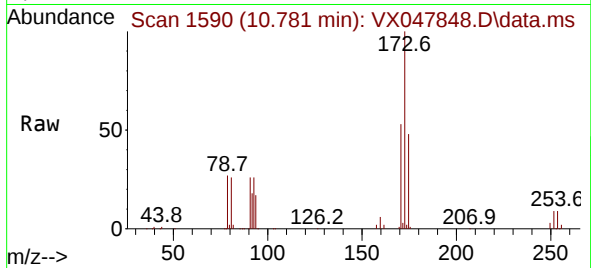




#71
Bromoform
Concen: 50.335 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

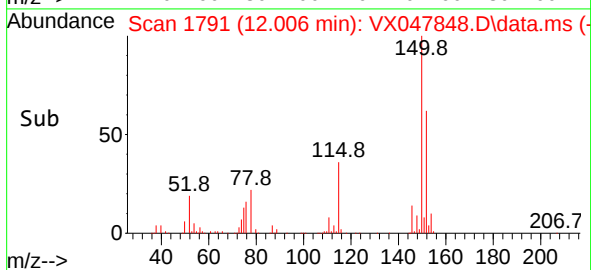
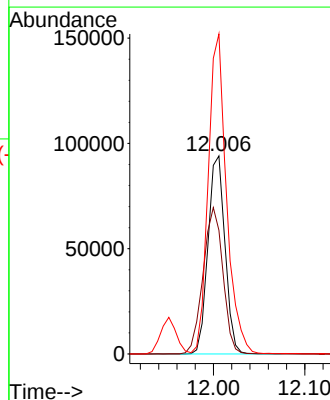
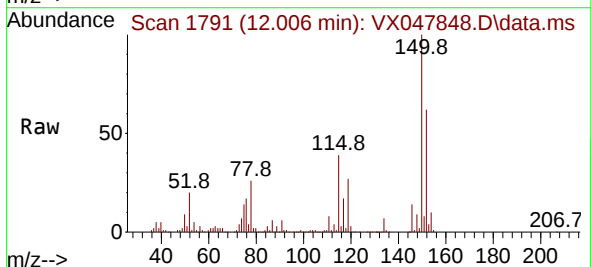
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

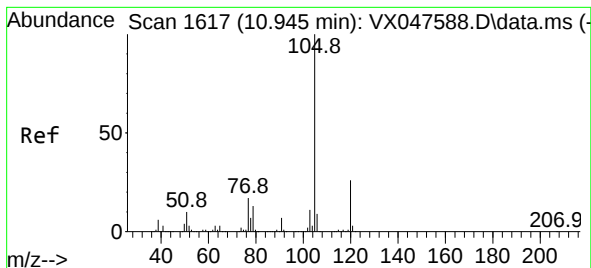
Tgt Ion:173 Resp: 72918
Ion Ratio Lower Upper
173 100
175 48.1 24.9 74.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion:152 Resp: 121207
Ion Ratio Lower Upper
152 100
115 86.3 44.9 134.5
150 173.1 0.0 352.0





#73

Isopropylbenzene

Concen: 48.569 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

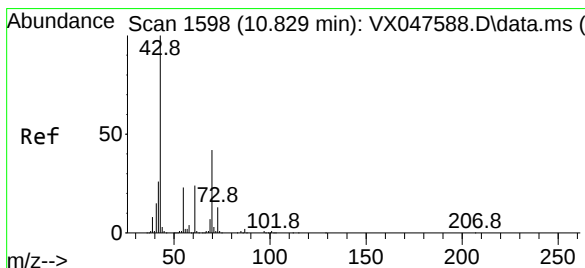
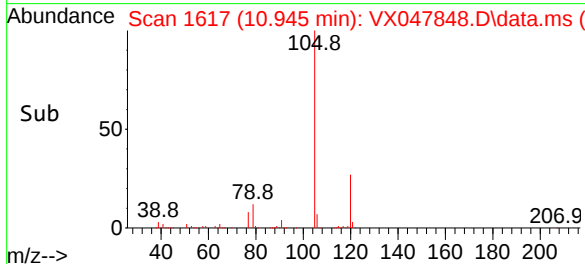
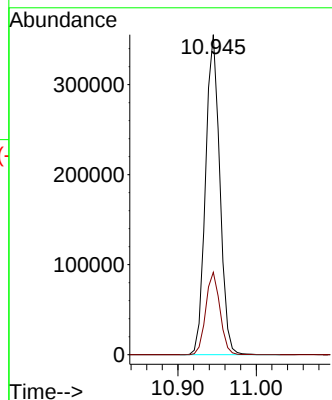
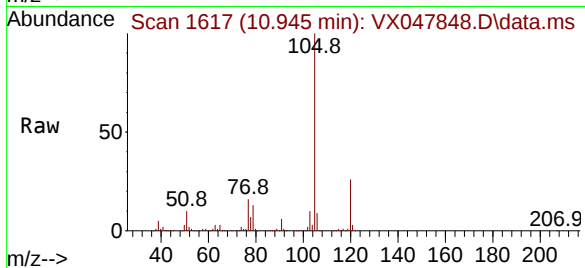
VSTDCCC050

Tgt Ion:105 Resp: 447560

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 47.913 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.006 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Tgt Ion: 43 Resp: 201337

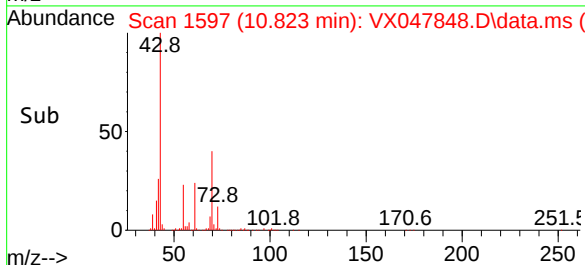
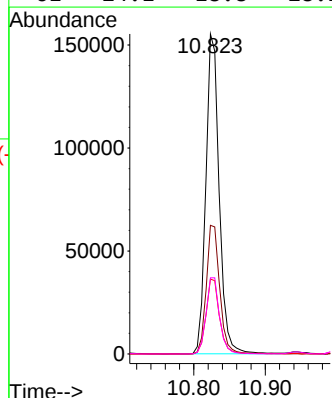
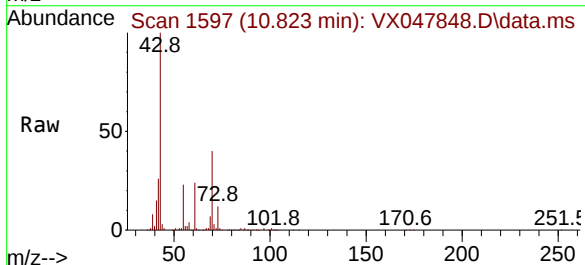
Ion Ratio Lower Upper

43 100

70 40.6 32.0 48.0

55 23.8 18.9 28.3

61 24.1 18.8 28.2

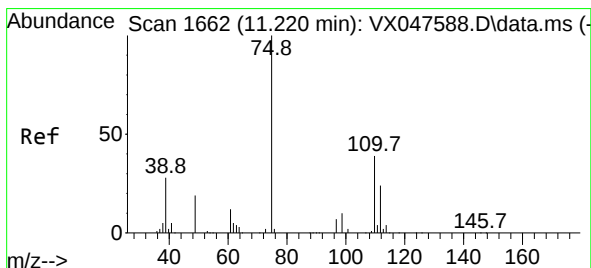
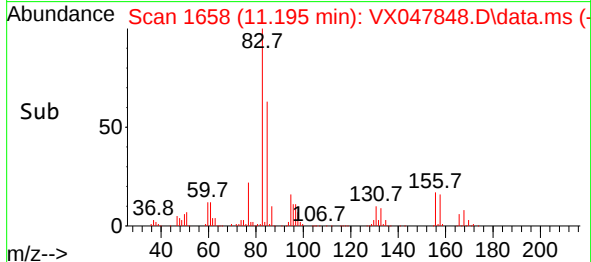
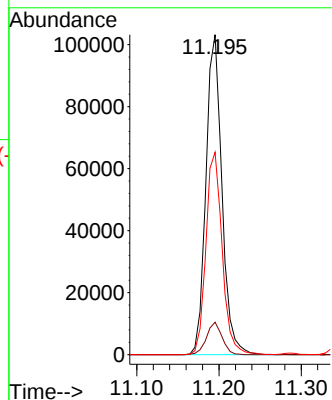
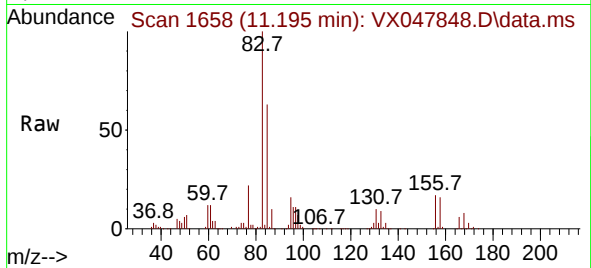




#75
1,1,2,2-Tetrachloroethane
Concen: 50.009 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

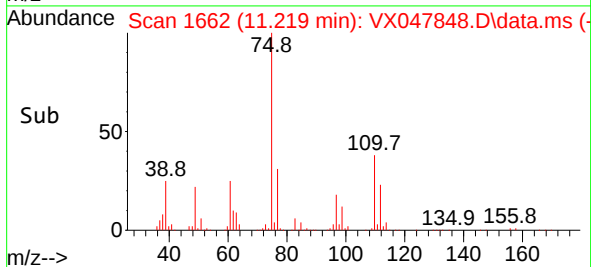
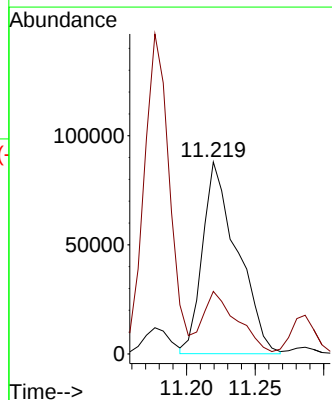
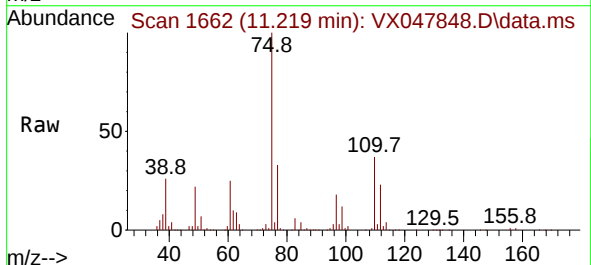
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

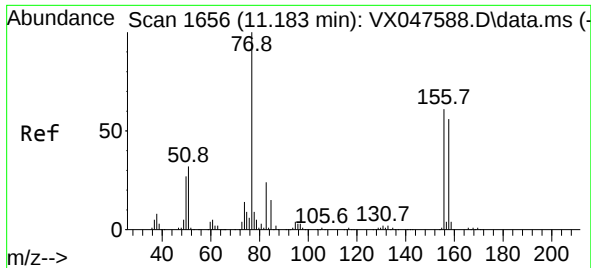
Tgt Ion: 83 Resp: 139423
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.2 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 63.251 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 75 Resp: 155221
Ion Ratio Lower Upper
75 100
77 32.8 18.8 56.4

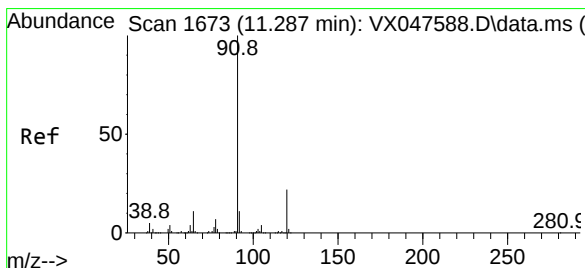
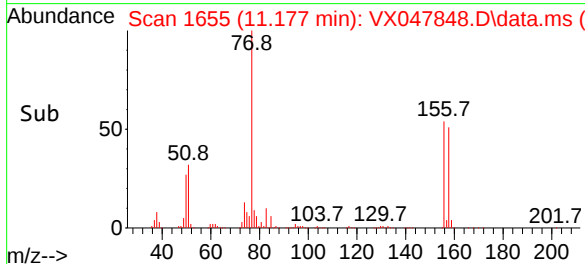
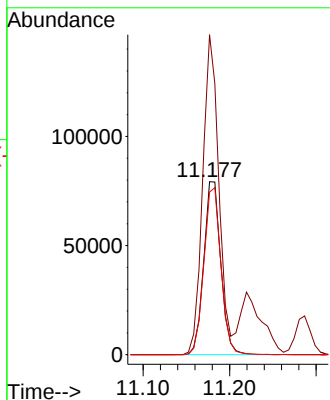
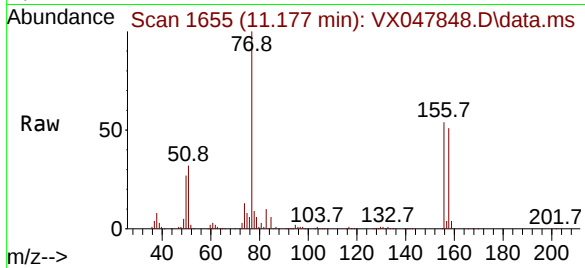




#77
Bromobenzene
Concen: 47.839 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

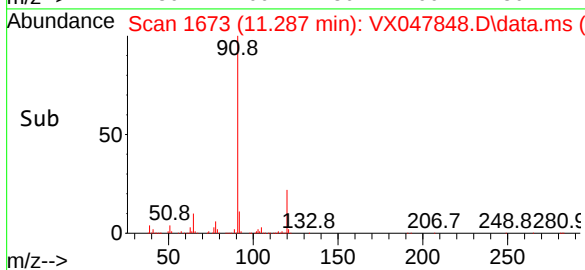
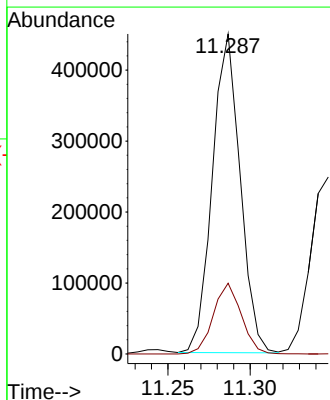
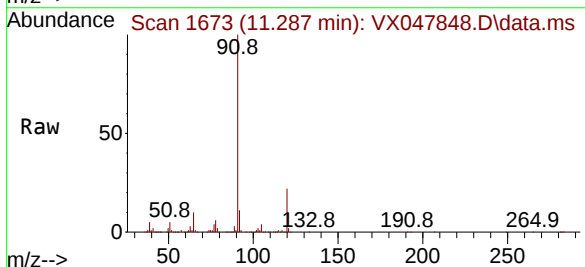
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

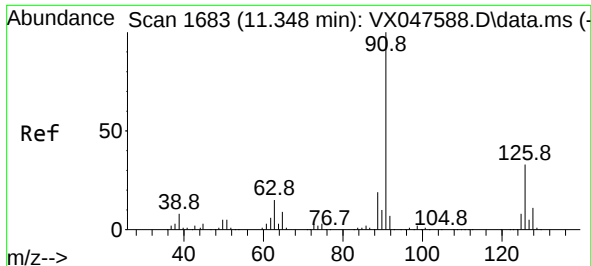
Tgt Ion:156 Resp: 108574
Ion Ratio Lower Upper
156 100
77 173.5 89.7 269.1
158 96.3 47.9 143.6



#78
n-propylbenzene
Concen: 48.559 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 91 Resp: 528967
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1

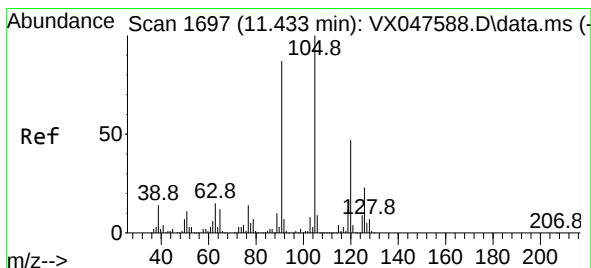
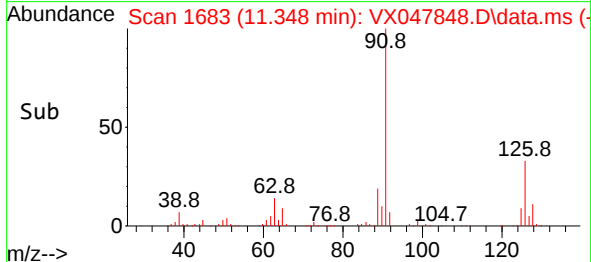
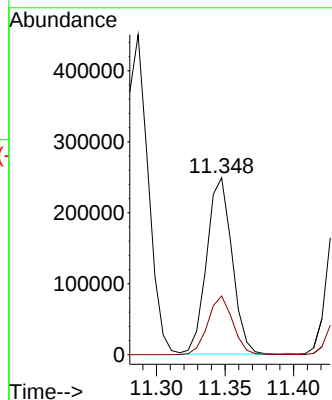
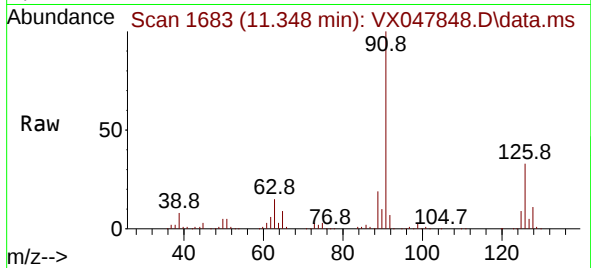




#79
2-Chlorotoluene
Concen: 47.802 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

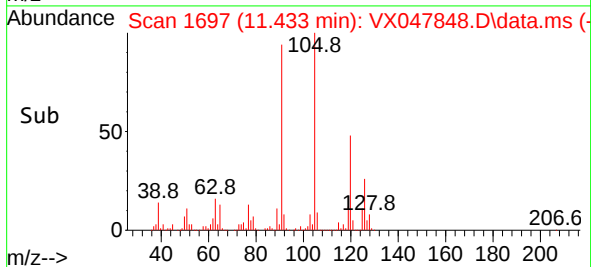
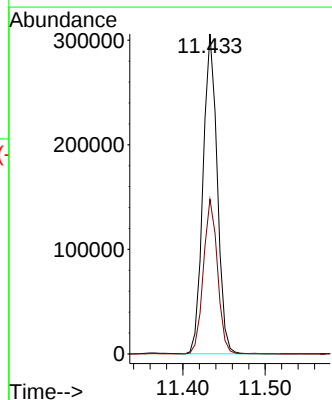
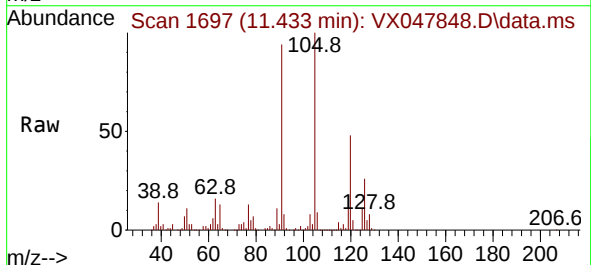
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 318931
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 48.376 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 105 Resp: 366251
Ion Ratio Lower Upper
105 100
120 48.2 23.6 70.8

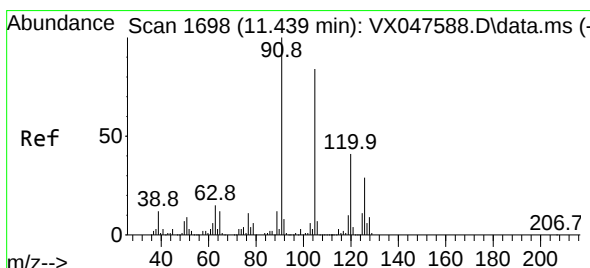
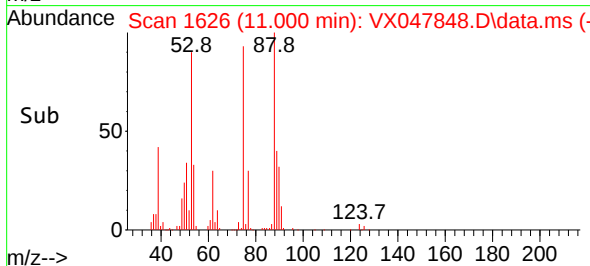
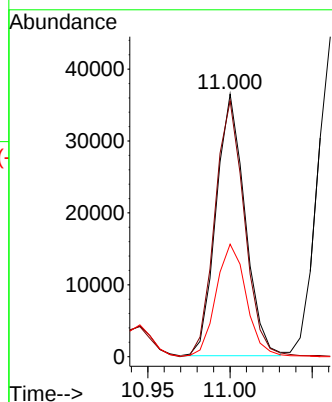
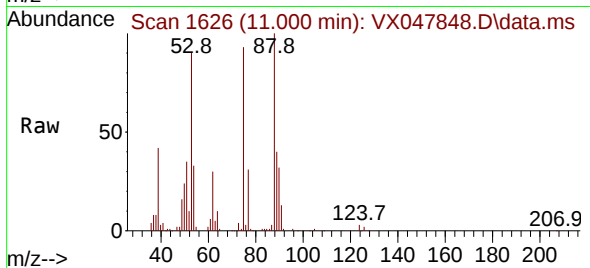




#81
trans-1,4-Dichloro-2-butene
Concen: 46.235 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

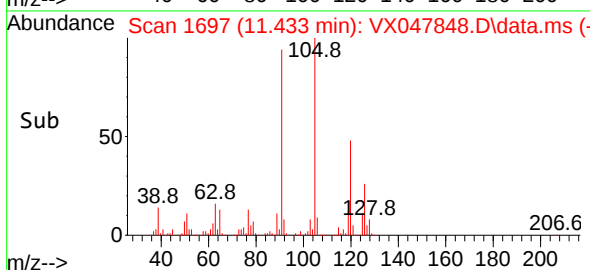
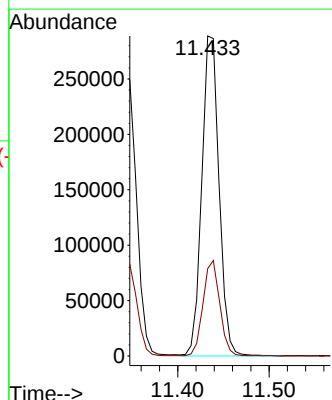
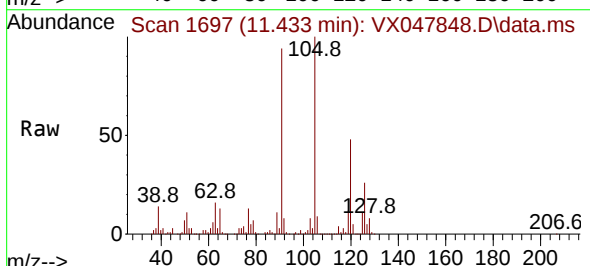
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

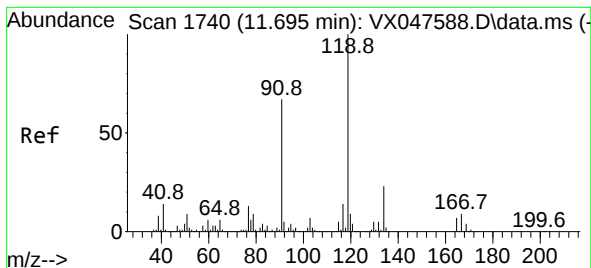
Tgt Ion: 75 Resp: 44493
Ion Ratio Lower Upper
75 100
53 100.8 83.4 125.2
89 45.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 48.098 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 91 Resp: 379002
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.476 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

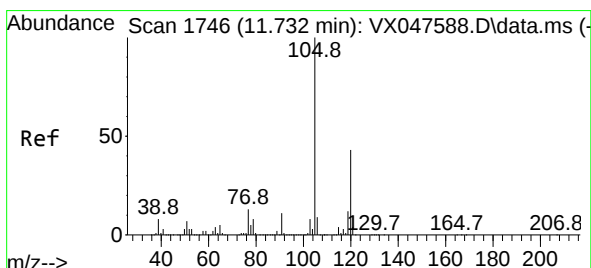
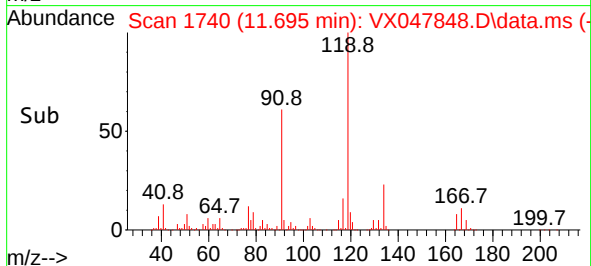
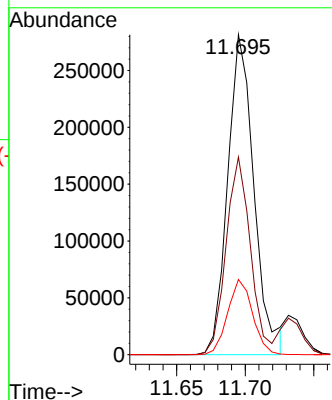
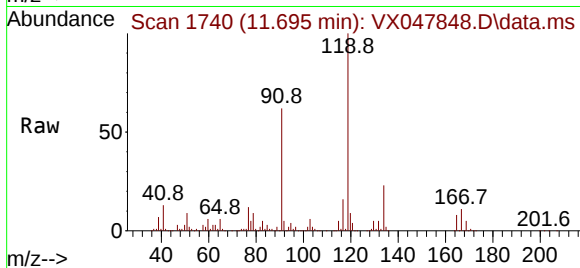
Tgt Ion:119 Resp: 375695

Ion Ratio Lower Upper

119 100

91 57.3 29.6 88.8

134 22.4 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 48.407 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX047848.D

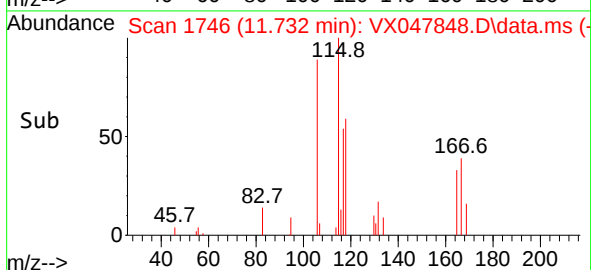
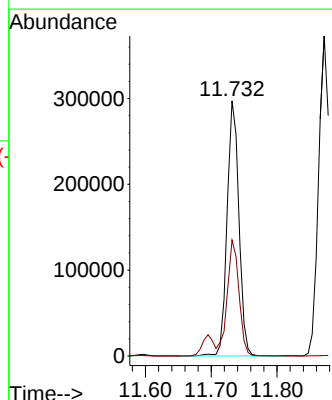
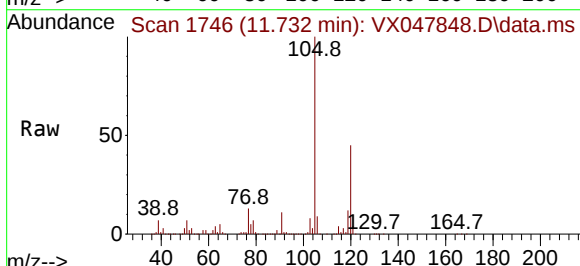
Acq: 26 Sep 2025 10:54

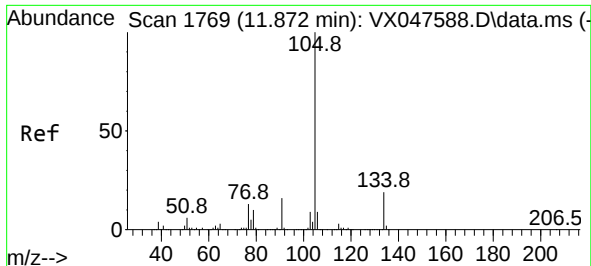
Tgt Ion:105 Resp: 371552

Ion Ratio Lower Upper

105 100

120 45.4 22.1 66.1

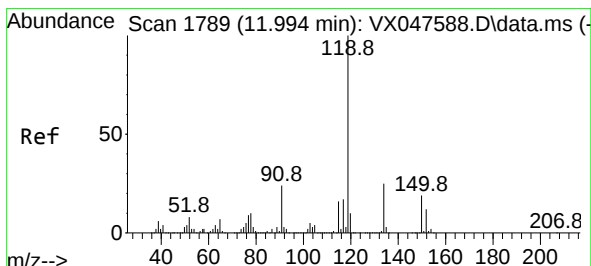
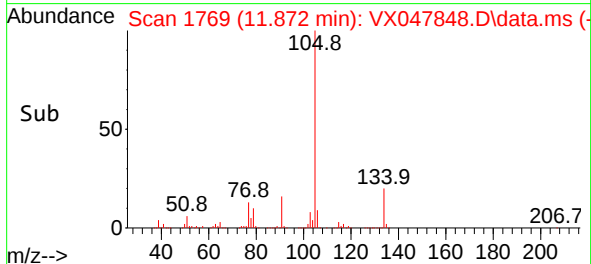
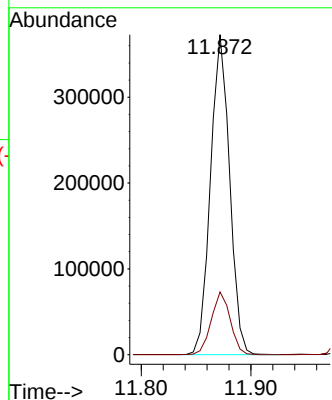
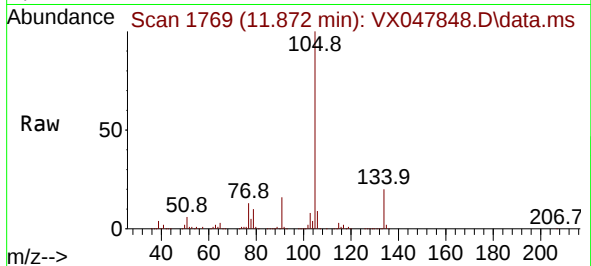




#85
 sec-Butylbenzene
 Concen: 49.036 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047848.D
 Acq: 26 Sep 2025 10:54

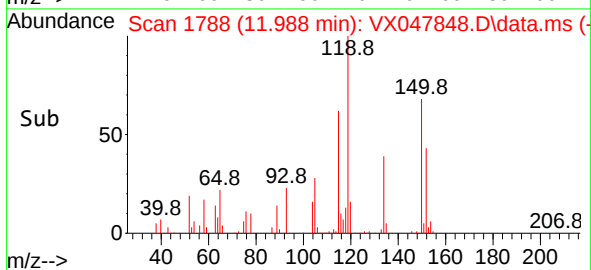
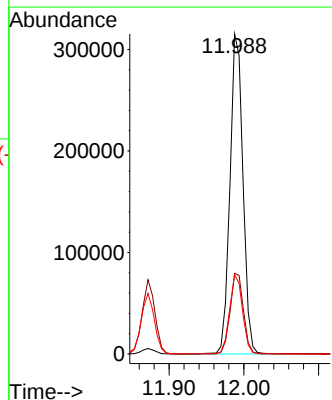
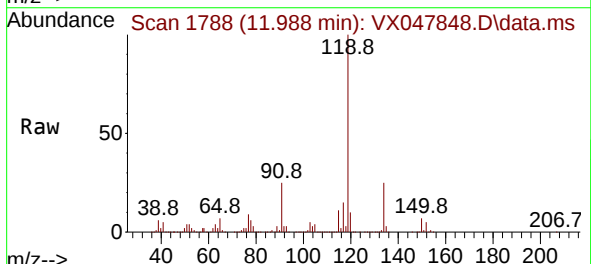
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

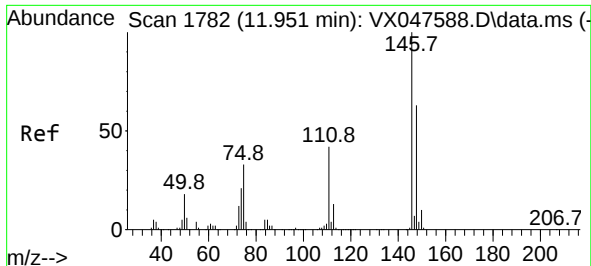
Tgt Ion:105 Resp: 451409
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 49.065 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX047848.D
 Acq: 26 Sep 2025 10:54

Tgt Ion:119 Resp: 382386
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.7 12.6 37.6

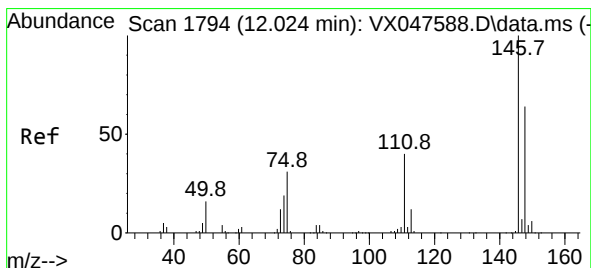
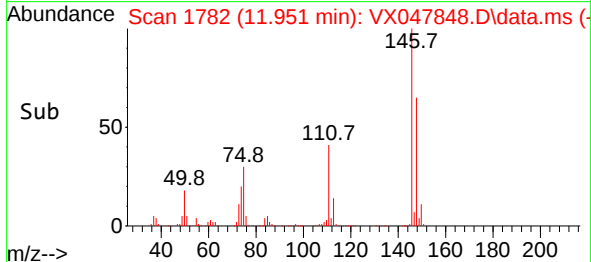
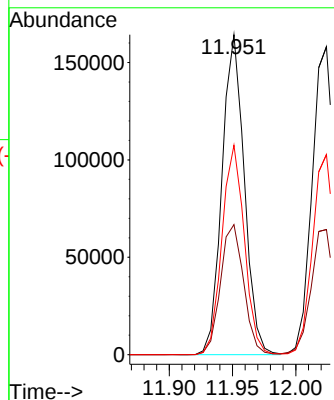
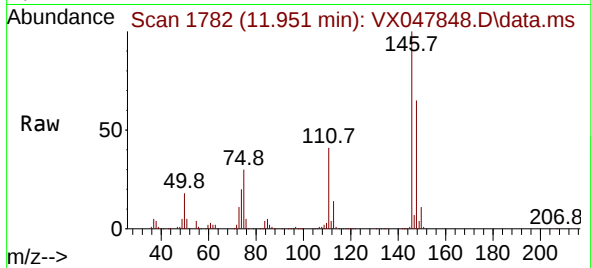




#87
1,3-Dichlorobenzene
Concen: 47.733 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

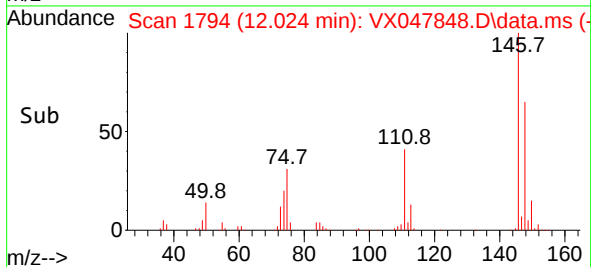
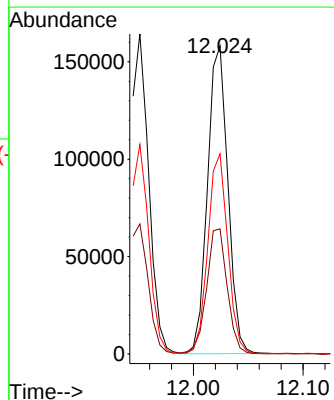
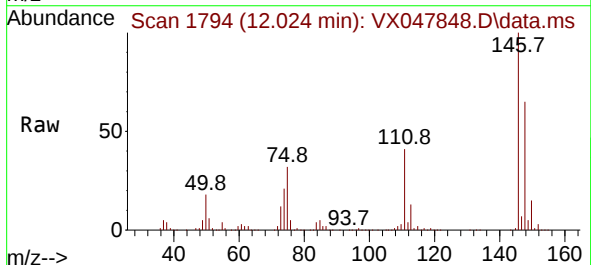
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 201219
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 65.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 47.109 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion:146 Resp: 203822
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.4
148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 48.707 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

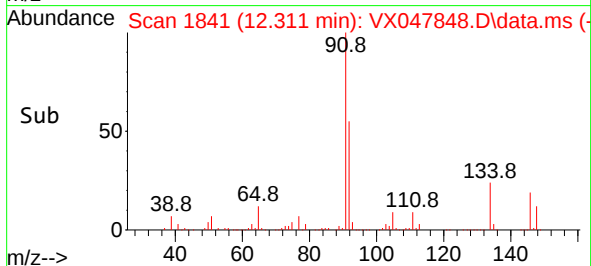
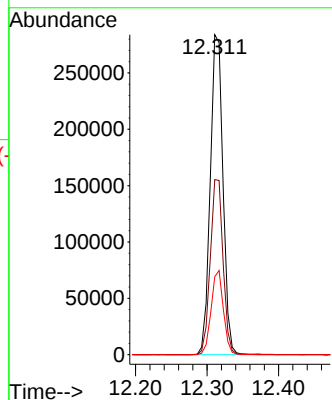
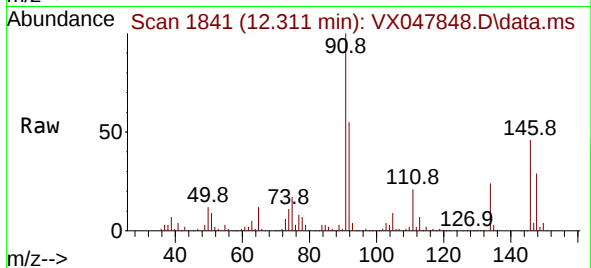
Tgt Ion: 91 Resp: 351243

Ion Ratio Lower Upper

91 100

92 54.9 27.6 82.7

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 48.998 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047848.D

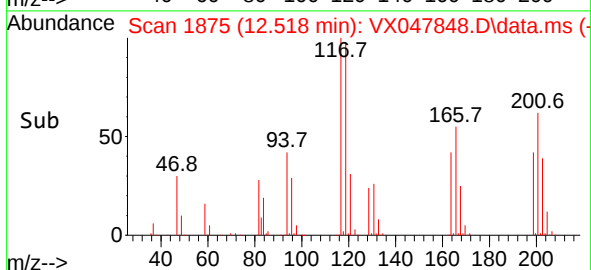
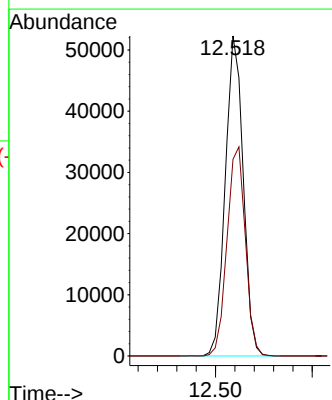
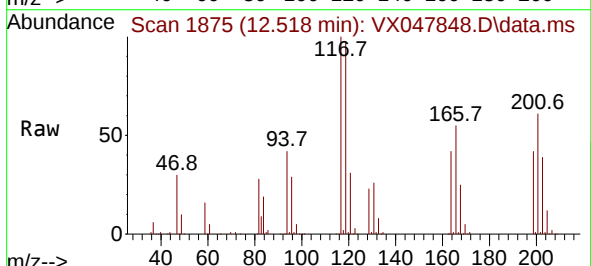
Acq: 26 Sep 2025 10:54

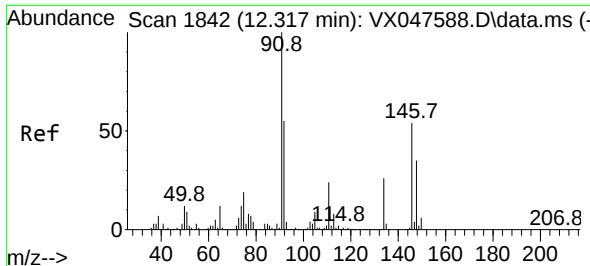
Tgt Ion: 117 Resp: 67044

Ion Ratio Lower Upper

117 100

201 67.0 34.2 102.5

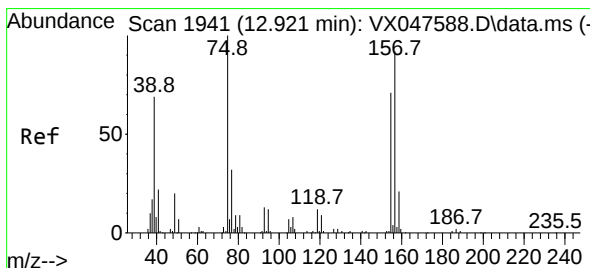
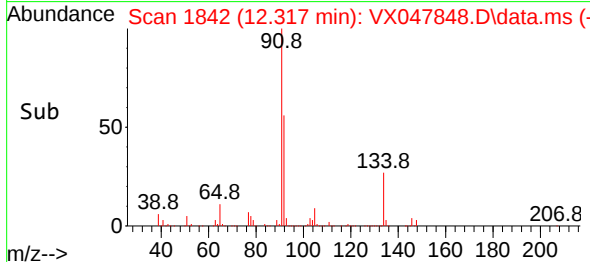
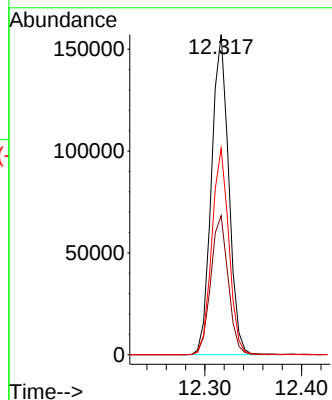
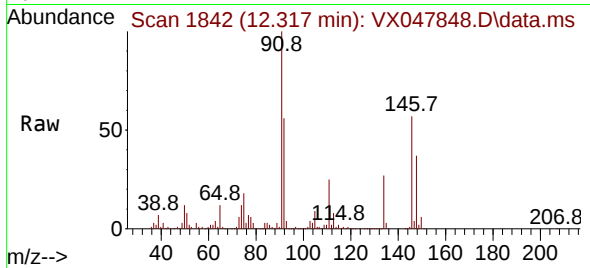




#91
1,2-Dichlorobenzene
Concen: 48.532 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

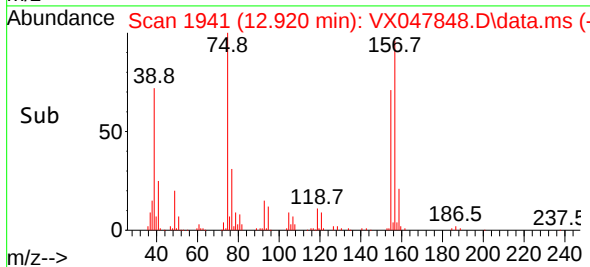
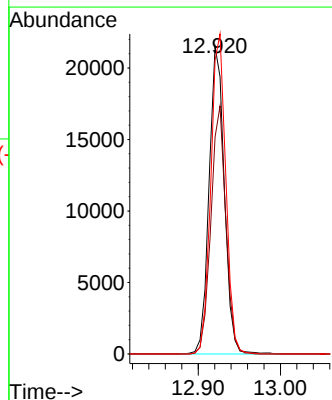
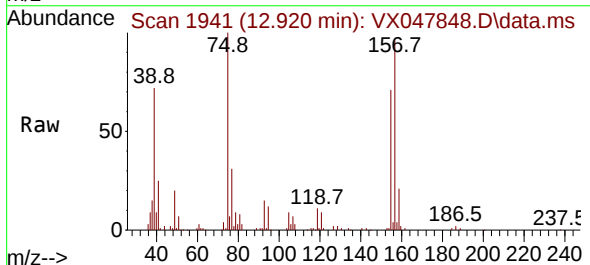
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 194911
Ion Ratio Lower Upper
146 100
111 43.8 22.2 66.6
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.063 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047848.D
Acq: 26 Sep 2025 10:54

Tgt Ion: 75 Resp: 27694
Ion Ratio Lower Upper
75 100
155 79.0 37.7 113.1
157 102.4 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 46.752 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

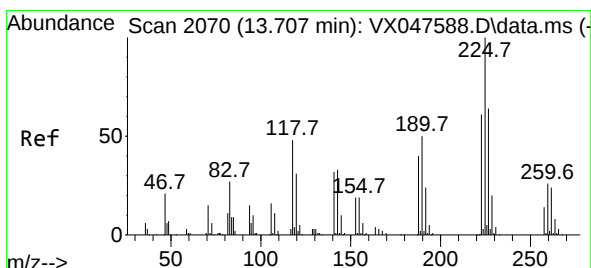
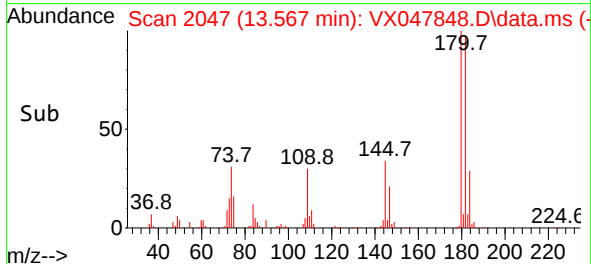
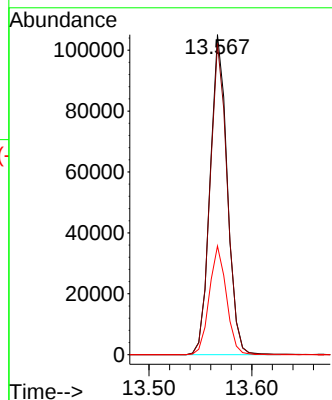
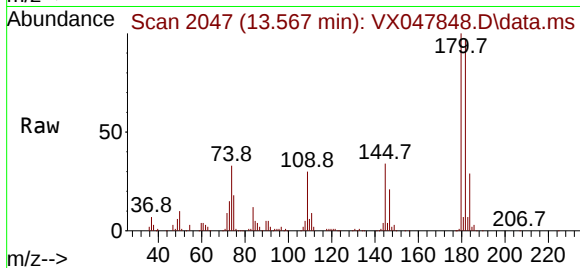
Tgt Ion:180 Resp: 122030

Ion Ratio Lower Upper

180 100

182 97.7 46.6 139.8

145 33.8 16.4 49.1



#94

Hexachlorobutadiene

Concen: 48.986 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

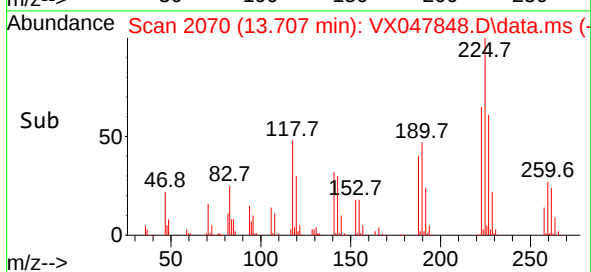
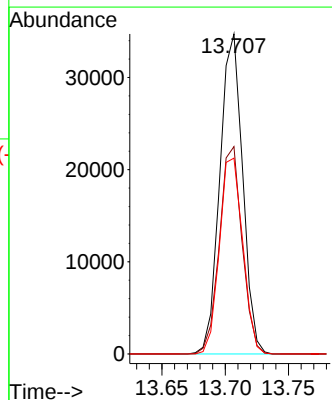
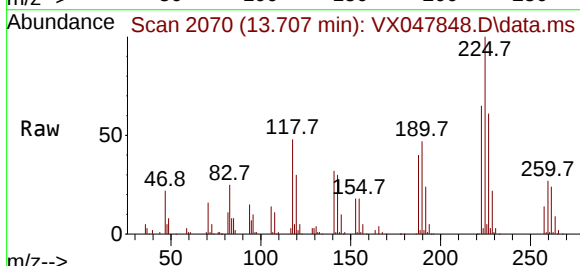
Tgt Ion:225 Resp: 43430

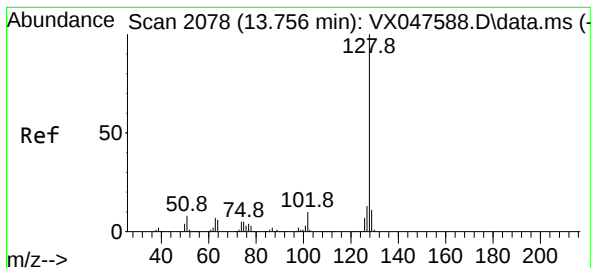
Ion Ratio Lower Upper

225 100

223 64.6 31.7 95.1

227 62.6 32.0 96.0





#95

Naphthalene

Concen: 49.843 ug/l

RT: 13.756 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

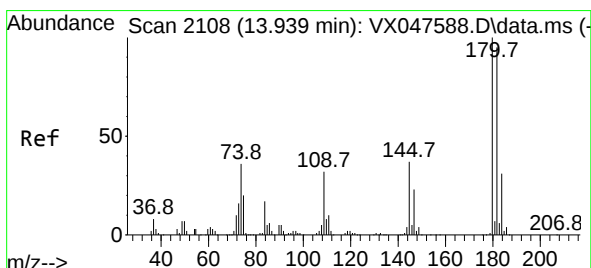
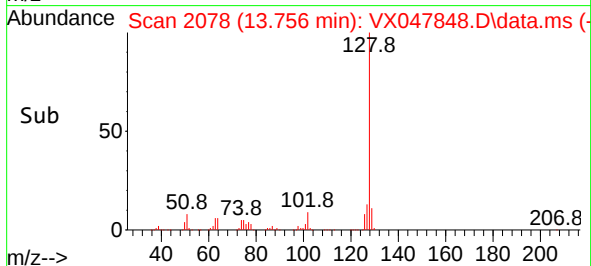
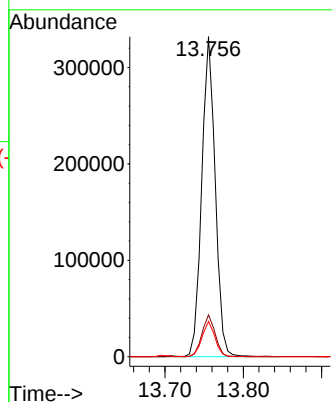
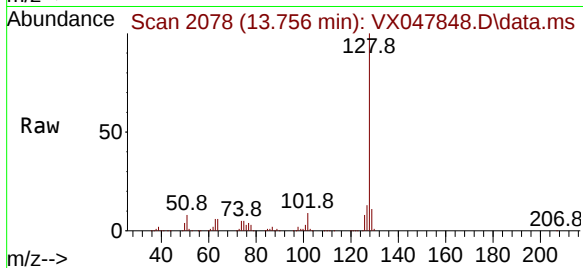
Tgt Ion:128 Resp: 396153

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.295 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047848.D

Acq: 26 Sep 2025 10:54

Tgt Ion:180 Resp: 119688

Ion Ratio Lower Upper

180 100

182 96.8 47.6 142.8

145 34.5 17.9 53.7

