

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048866.D
 Acq On : 15 Dec 2025 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 00:10:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.525	168	163589	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.733	114	267535	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.031	117	239220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	113643	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.928	65	112202	51.102	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.200%	
35) Dibromofluoromethane	5.361	113	98476	53.459	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.920%	
50) Toluene-d8	8.629	98	326388	50.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	11.061	95	113710	51.069	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.140%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	100147	60.084	ug/l	99
3) Chloromethane	1.301	50	112312	53.398	ug/l	100
4) Vinyl Chloride	1.380	62	111798	49.909	ug/l	99
5) Bromomethane	1.618	94	74544	53.850	ug/l	98
6) Chloroethane	1.697	64	71031	50.950	ug/l	95
7) Trichlorofluoromethane	1.898	101	161580	50.329	ug/l	98
8) Diethyl Ether	2.130	74	61856	48.271	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	91021	48.905	ug/l	99
10) Methyl Iodide	2.453	142	137664	51.955	ug/l	99
11) Tert butyl alcohol	2.922	59	29069	82.002	ug/l	99
12) 1,1-Dichloroethene	2.325	96	91895	48.376	ug/l	97
13) Acrolein	2.233	56	37615	132.417	ug/l	97
14) Allyl chloride	2.660	41	173161	54.295	ug/l	95
15) Acrylonitrile	3.044	53	186488	168.833	ug/l	99
16) Acetone	2.367	43	89291	106.230	ug/l	99
17) Carbon Disulfide	2.514	76	264047	47.865	ug/l	98
18) Methyl Acetate	2.691	43	81982	34.665	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	294976	47.714	ug/l	100
20) Methylene Chloride	2.782	84	116025	55.225	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	101752	52.482	ug/l	99
22) Diisopropyl ether	3.739	45	364371	61.131	ug/l	89
23) Vinyl Acetate	3.703	43	1276316	254.838	ug/l	96
24) 1,1-Dichloroethane	3.599	63	193542	58.228	ug/l	99
25) 2-Butanone	4.526	43	158879	128.070	ug/l	93
26) 2,2-Dichloropropane	4.452	77	161822	55.022	ug/l	99
27) cis-1,2-Dichloroethene	4.465	96	123173	56.300	ug/l	95
28) Bromochloromethane	4.873	49	93530	57.410	ug/l	86
29) Tetrahydrofuran	4.971	42	120852	127.580	ug/l	94
30) Chloroform	5.068	83	198791	55.817	ug/l	100
31) Cyclohexane	5.446	56	136384	45.957	ug/l	93
32) 1,1,1-Trichloroethane	5.361	97	164949	51.690	ug/l	97
36) 1,1-Dichloropropene	5.666	75	119107	47.208	ug/l	99
37) Ethyl Acetate	4.684	43	95642	31.725	ug/l	97
38) Carbon Tetrachloride	5.653	117	140632	49.210	ug/l	96
39) Methylcyclohexane	7.360	83	128715	43.144	ug/l	95
40) Benzene	6.013	78	396170	52.969	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	54265	39.561	ug/l	93
42) 1,2-Dichloroethane	6.056	62	138834	52.445	ug/l	98
43) Isopropyl Acetate	6.306	43	153925	33.719	ug/l	97
44) Trichloroethene	7.104	130	98105	50.270	ug/l	97
45) 1,2-Dichloropropane	7.403	63	101227	54.150	ug/l	98
46) Dibromomethane	7.556	93	69210	48.821	ug/l	98
47) Bromodichloromethane	7.799	83	158166	53.513	ug/l	98
48) Methyl methacrylate	7.665	41	79977	34.828	ug/l	97
49) 1,4-Dioxane	7.635	88	13814	437.402	ug/l #	92
51) 4-Methyl-2-Pentanone	8.549	43	415309	146.572	ug/l	97
52) Toluene	8.696	92	240361	53.294	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	148705	52.885	ug/l	100
54) cis-1,3-Dichloropropene	8.342	75	166438	55.077	ug/l	98
55) 1,1,2-Trichloroethane	9.128	97	89316	49.219	ug/l	97
56) Ethyl methacrylate	9.098	69	117901	41.508	ug/l	97
57) 1,3-Dichloropropane	9.287	76	152563	50.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	349347	227.558	ug/l	98
59) 2-Hexanone	9.409	43	257040	129.228	ug/l	96
60) Dibromochloromethane	9.500	129	112507	50.139	ug/l	97
61) 1,2-Dibromoethane	9.586	107	89200	45.417	ug/l	99
64) Tetrachloroethene	9.256	164	77802	44.619	ug/l	97
65) Chlorobenzene	10.061	112	263692	50.359	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.140	131	97089	51.839	ug/l	98
67) Ethyl Benzene	10.171	91	439556	51.443	ug/l	99
68) m/p-Xylenes	10.281	106	336900	101.221	ug/l	99
69) o-Xylene	10.622	106	162263	52.027	ug/l	99
70) Styrene	10.634	104	284943	53.219	ug/l	100
71) Bromoform	10.781	173	66513	39.779	ug/l #	98
73) Isopropylbenzene	10.939	105	404804	52.859	ug/l	99
74) N-amyl acetate	10.823	43	132653	39.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.189	83	95582	36.990	ug/l	97
76) 1,2,3-Trichloropropane	11.220	75	108469	51.246	ug/l	78
77) Bromobenzene	11.177	156	105354	51.542	ug/l	99
78) n-propylbenzene	11.281	91	474060	53.448	ug/l	100
79) 2-Chlorotoluene	11.341	91	289221	53.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	331163	52.608	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	31961	35.868	ug/l #	75
82) 4-Chlorotoluene	11.433	91	340132	53.890	ug/l	99
83) tert-Butylbenzene	11.695	119	327455	50.063	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	336496	52.992	ug/l	100
85) sec-Butylbenzene	11.872	105	397572	50.154	ug/l	99
86) p-Isopropyltoluene	11.988	119	339473	50.101	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	192340	51.044	ug/l	99
88) 1,4-Dichlorobenzene	12.018	146	194154	49.861	ug/l	100
89) n-Butylbenzene	12.311	91	309663	48.811	ug/l	99
90) Hexachloroethane	12.518	117	67110	48.527	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	184363	50.466	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	16126	25.642	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	111071	46.035	ug/l	99
94) Hexachlorobutadiene	13.701	225	44504	44.593	ug/l	96
95) Naphthalene	13.756	128	261628	39.703	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	96295	43.276	ug/l	98

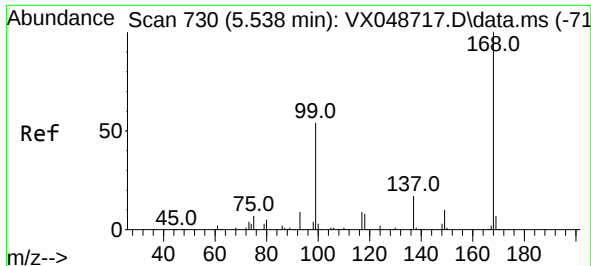
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
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Response via : Initial Calibration

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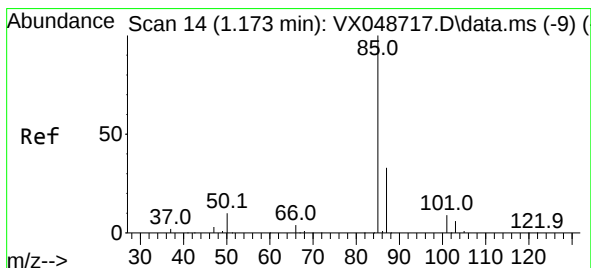
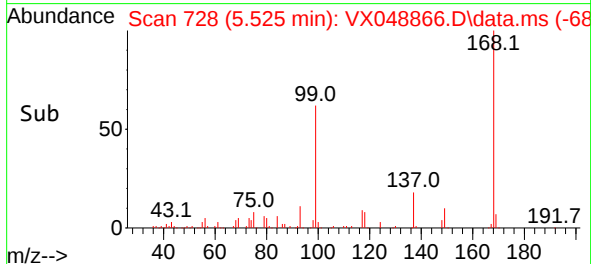
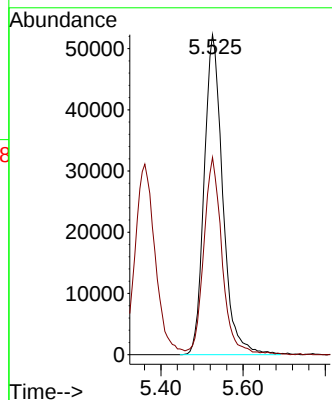
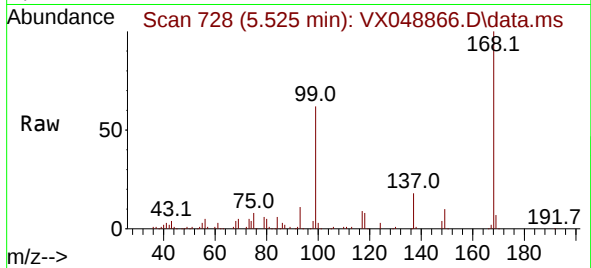
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

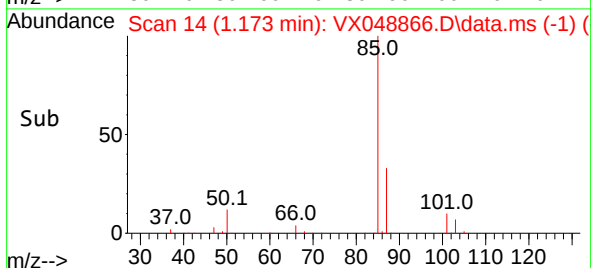
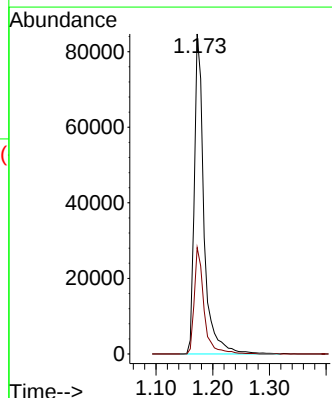
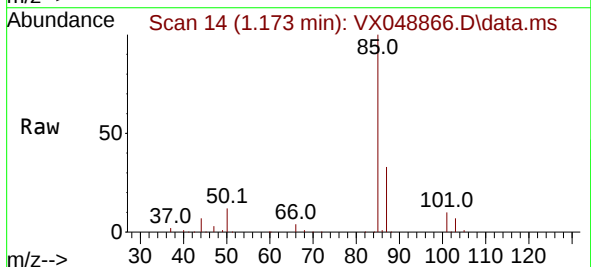
Instrument :
MSVOA_X
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VSTDCCC050

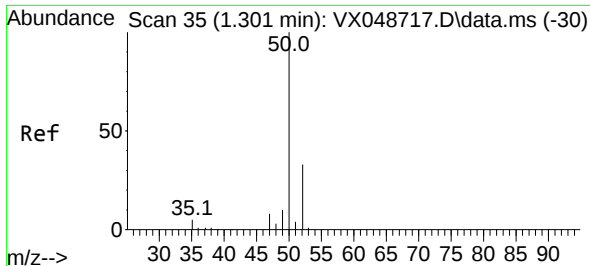
Tgt Ion:168 Resp: 163589
Ion Ratio Lower Upper
168 100
99 61.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 60.084 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 85 Resp: 100147
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1

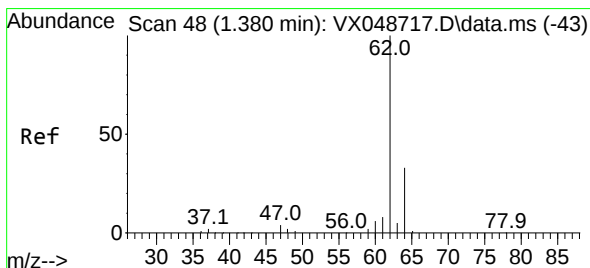
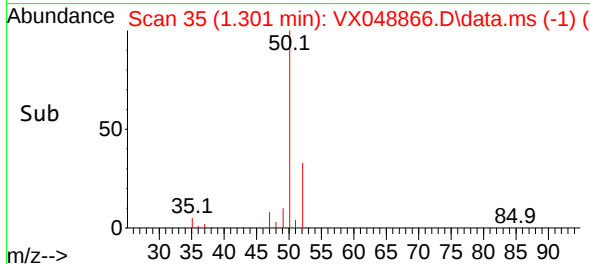
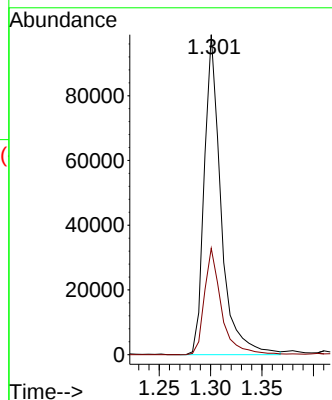
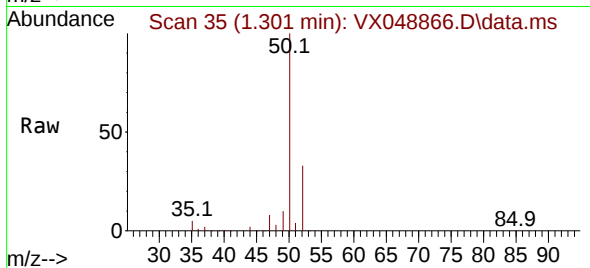




#3
Chloromethane
Concen: 53.398 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

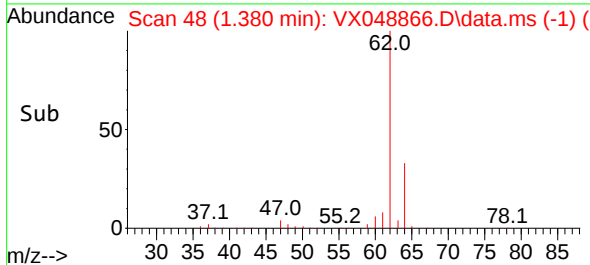
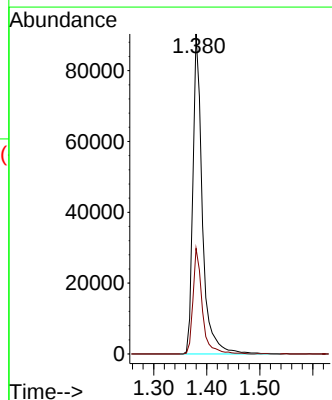
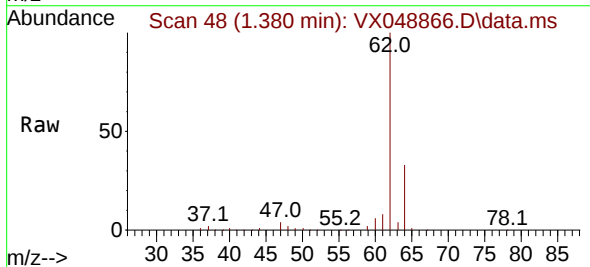
Instrument :
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ClientSampleId :
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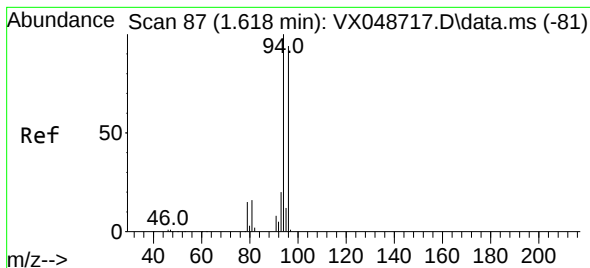
Tgt Ion: 50 Resp: 112312
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6



#4
Vinyl Chloride
Concen: 49.909 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 62 Resp: 111798
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0





#5

Bromomethane

Concen: 53.850 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

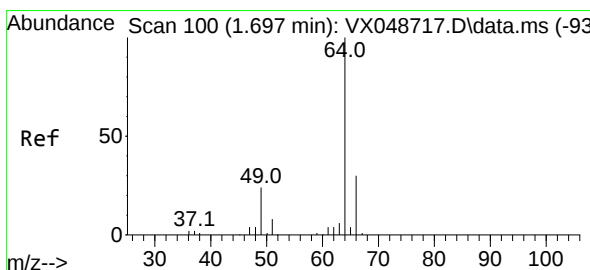
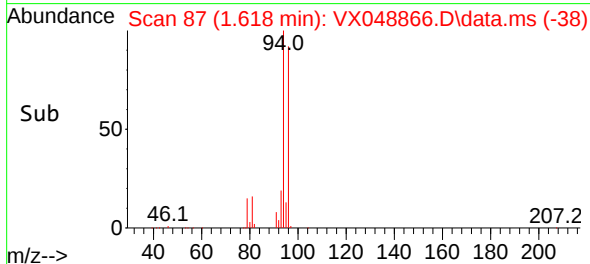
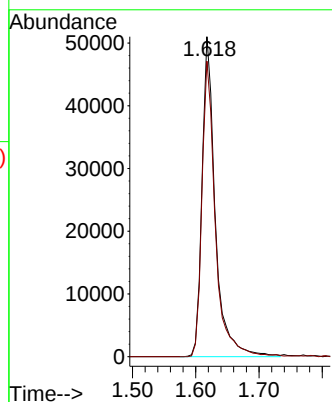
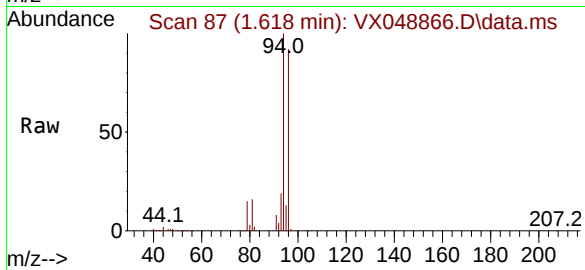
VSTDCCC050

Tgt Ion: 94 Resp: 74544

Ion Ratio Lower Upper

94 100

96 92.3 75.2 112.8



#6

Chloroethane

Concen: 50.950 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.000 min

Lab File: VX048866.D

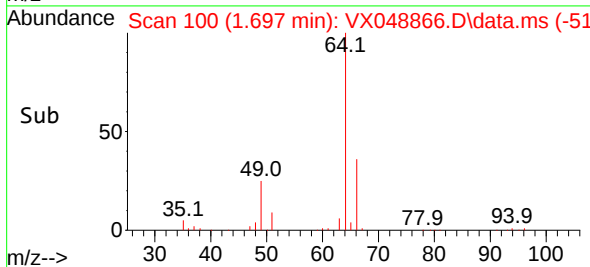
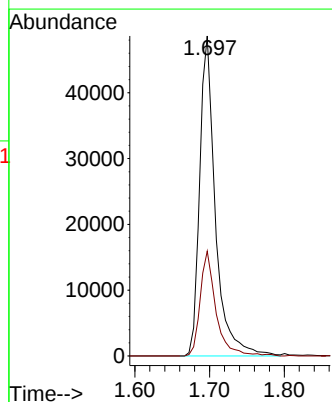
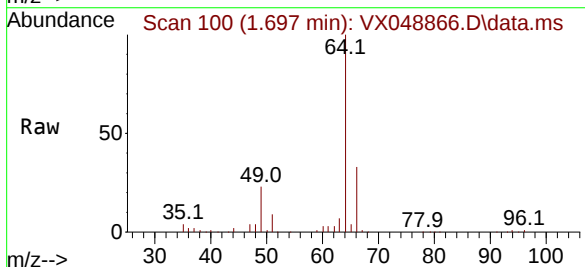
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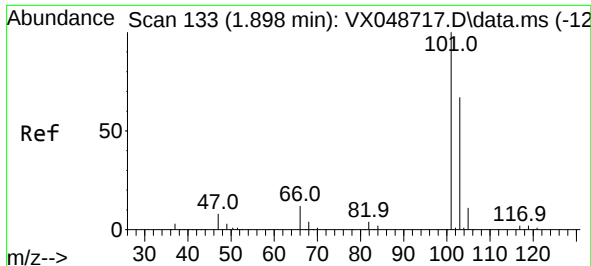
Tgt Ion: 64 Resp: 71031

Ion Ratio Lower Upper

64 100

66 32.8 24.0 36.0

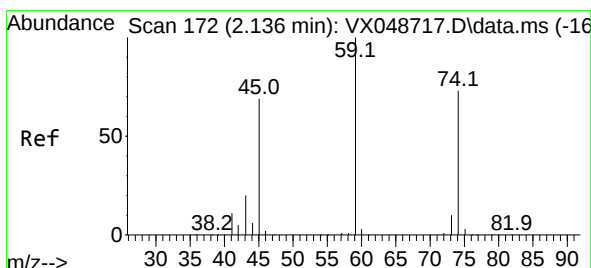
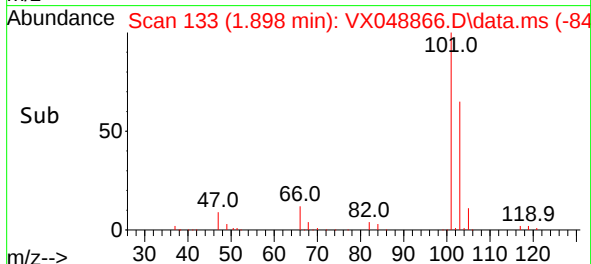
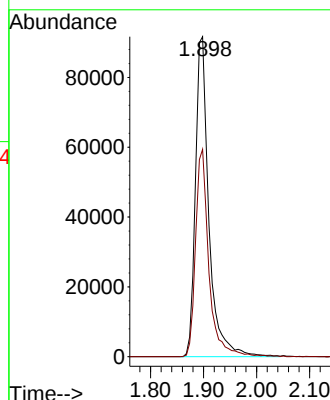
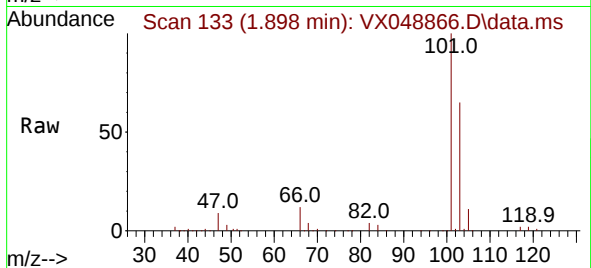




#7
Trichlorofluoromethane
Concen: 50.329 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

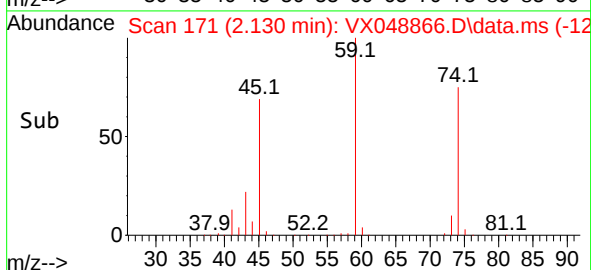
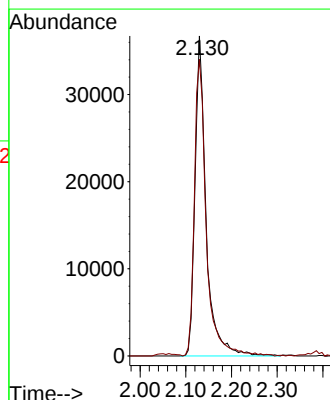
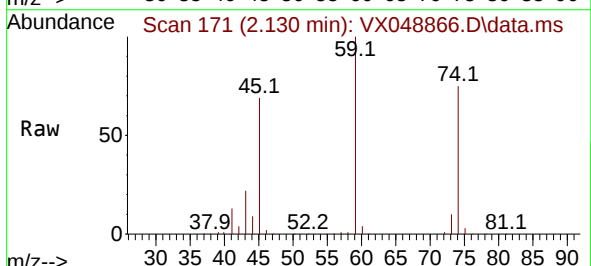
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

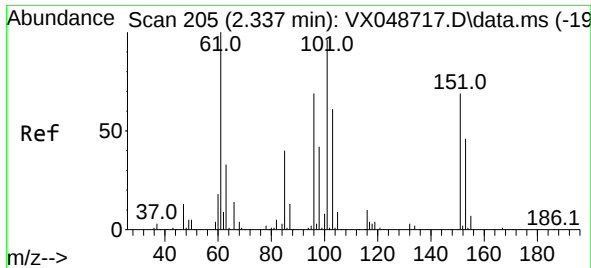
Tgt Ion:101 Resp: 161580
Ion Ratio Lower Upper
101 100
103 64.8 53.4 80.2



#8
Diethyl Ether
Concen: 48.271 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 74 Resp: 61856
Ion Ratio Lower Upper
74 100
45 99.6 48.9 146.8

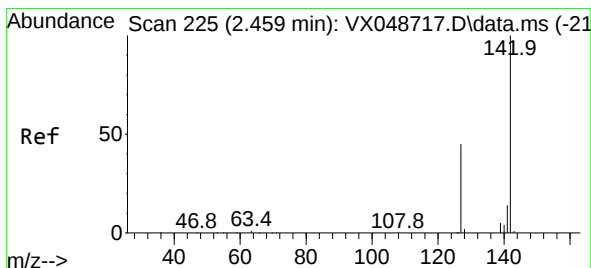
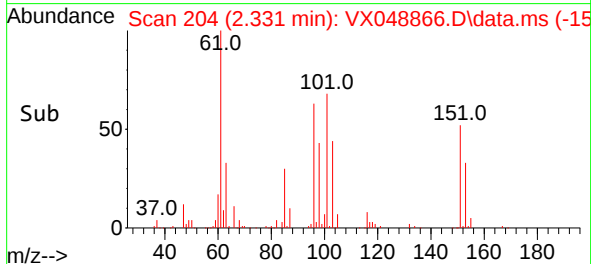
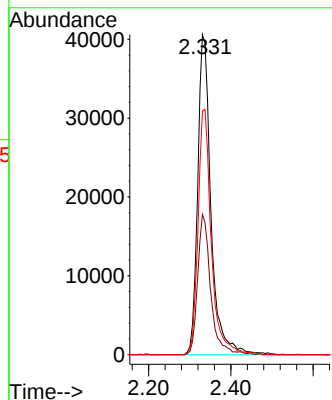
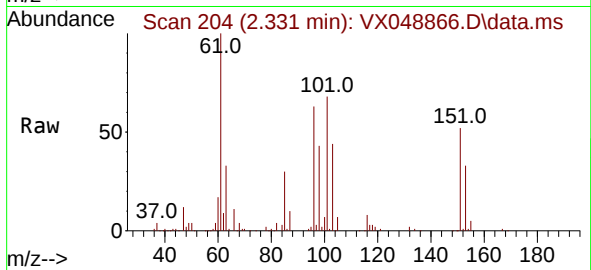




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.905 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

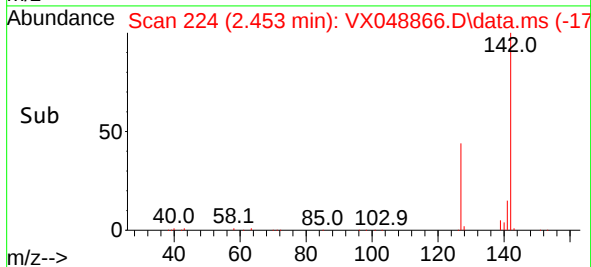
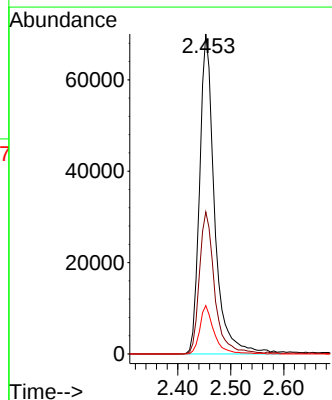
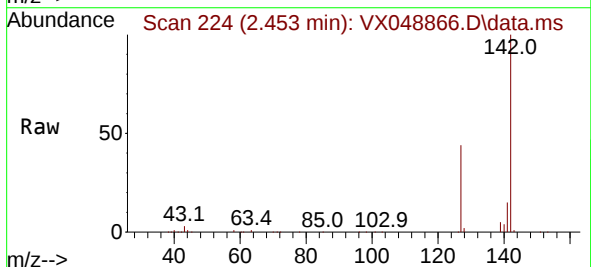
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

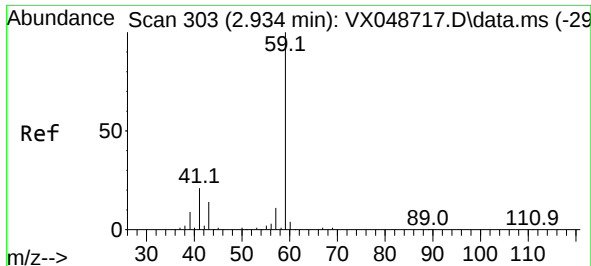
Tgt Ion:101 Resp: 91021
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.2 51.2
 151 76.5 60.2 90.4



#10
 Methyl Iodide
 Concen: 51.955 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. -0.006 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

Tgt Ion:142 Resp: 137664
 Ion Ratio Lower Upper
 142 100
 127 45.3 35.8 53.6
 141 14.4 11.1 16.7

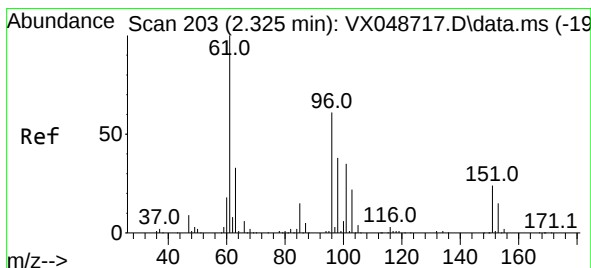
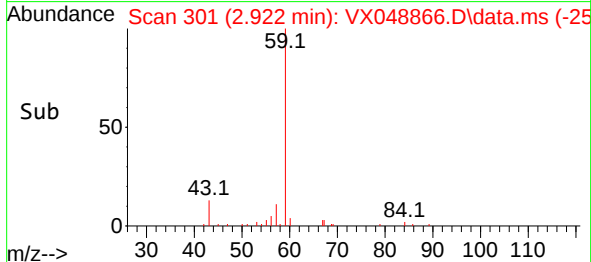
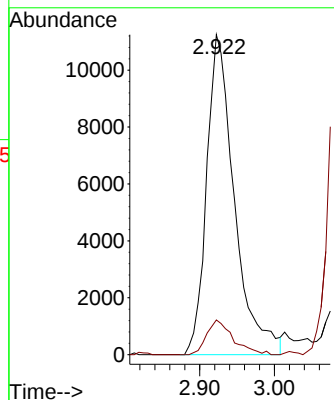
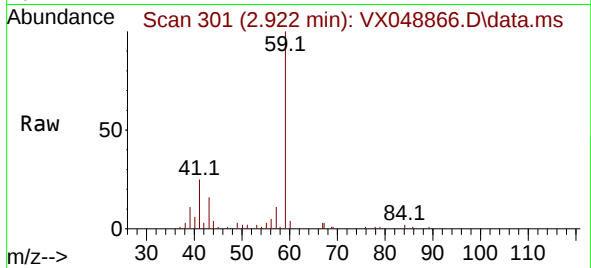




#11
Tert butyl alcohol
Concen: 82.002 ug/l
RT: 2.922 min Scan# 301
Delta R.T. -0.012 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

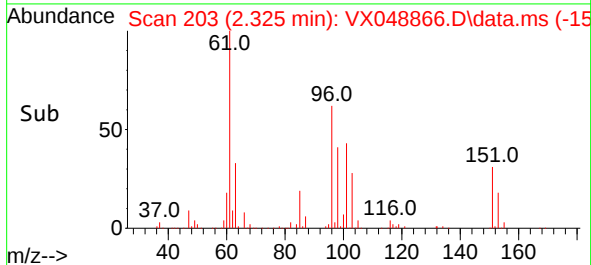
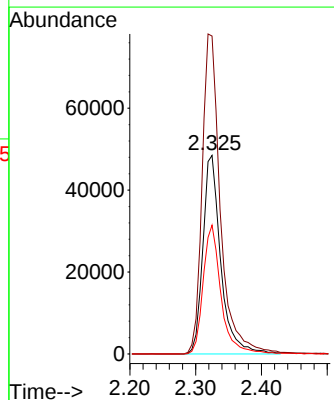
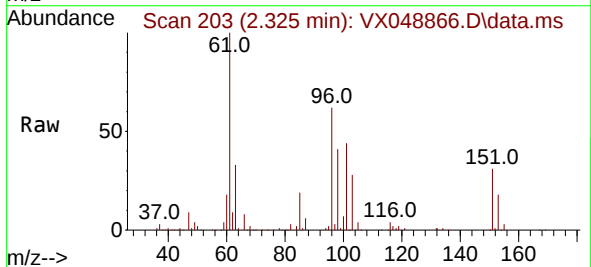
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

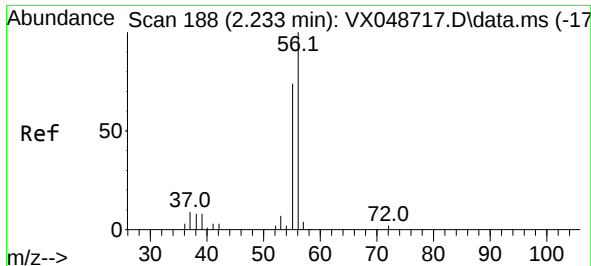
Tgt Ion: 59 Resp: 29069
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.376 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 96 Resp: 91895
Ion Ratio Lower Upper
96 100
61 160.1 130.7 196.1
98 64.8 49.8 74.8

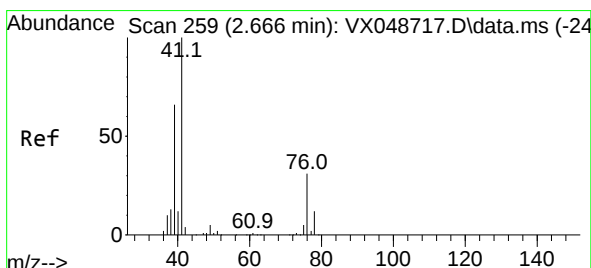
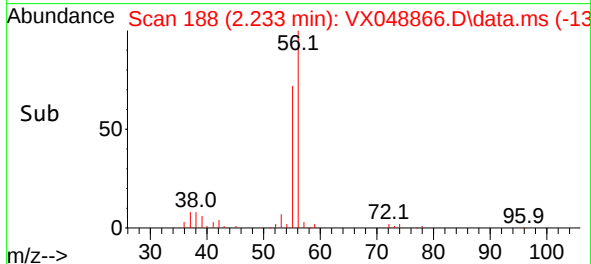
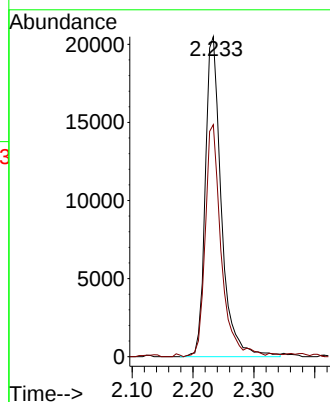
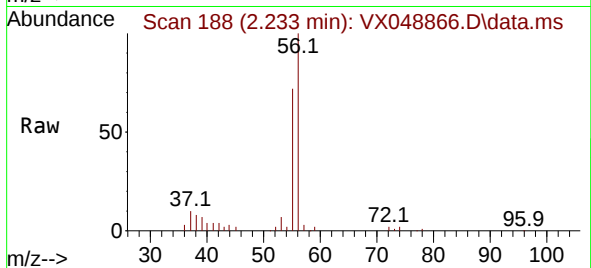




#13
Acrolein
Concen: 132.417 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

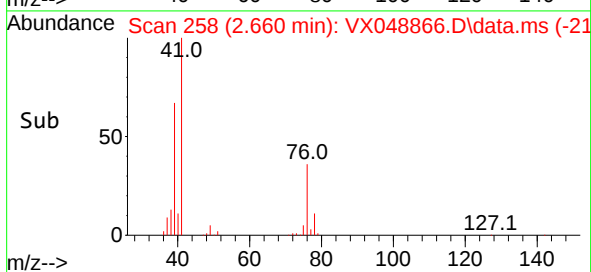
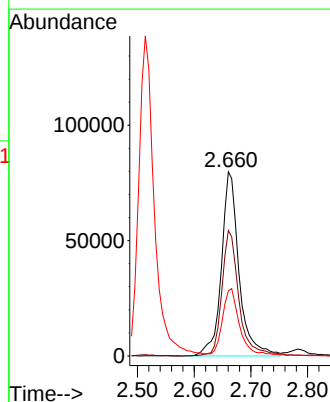
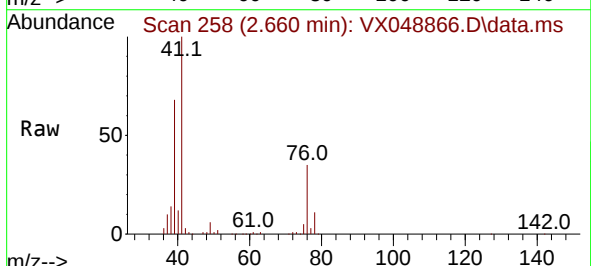
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 37615
Ion Ratio Lower Upper
56 100
55 72.0 55.8 83.6



#14
Allyl chloride
Concen: 54.295 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 41 Resp: 173161
Ion Ratio Lower Upper
41 100
39 66.0 49.8 74.6
76 36.3 27.3 40.9





#15

Acrylonitrile

Concen: 168.833 ug/l

RT: 3.044 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

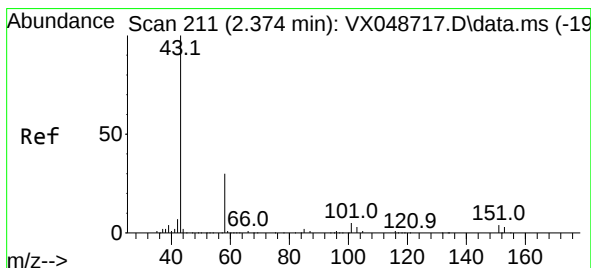
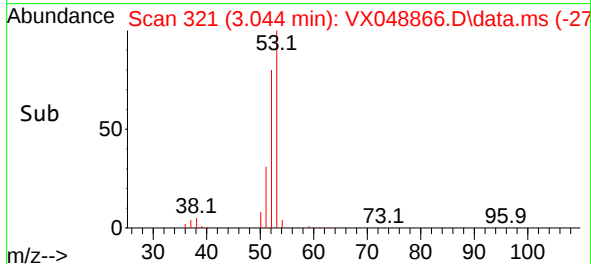
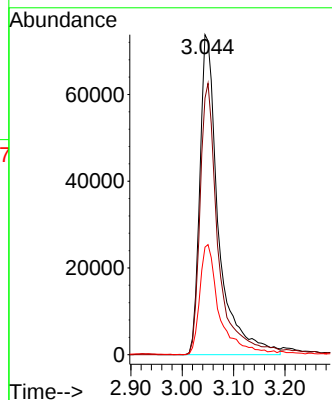
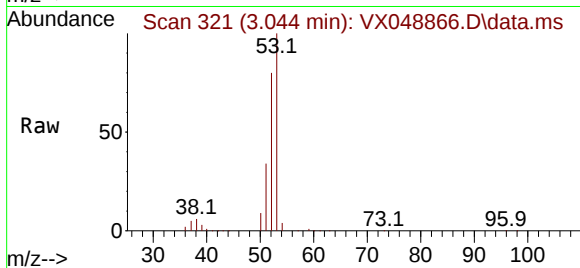
Tgt Ion: 53 Resp: 186488

Ion Ratio Lower Upper

53 100

52 82.5 66.3 99.5

51 36.5 28.7 43.1



#16

Acetone

Concen: 106.230 ug/l

RT: 2.367 min Scan# 210

Delta R.T. -0.006 min

Lab File: VX048866.D

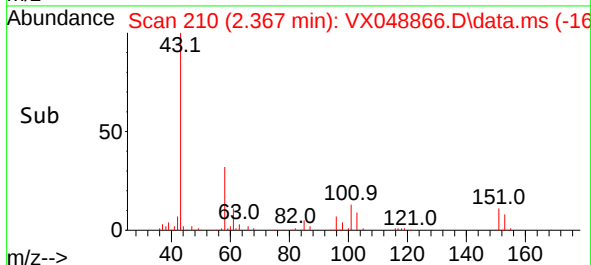
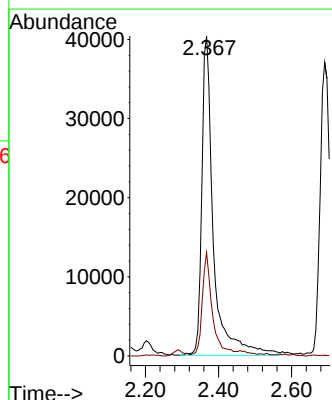
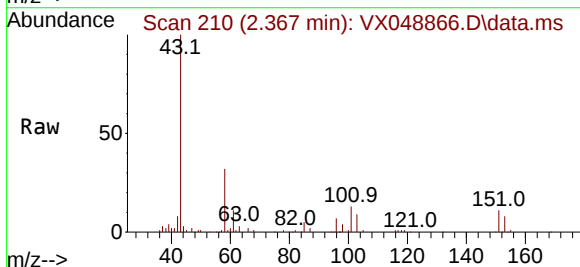
Acq: 15 Dec 2025 08:54

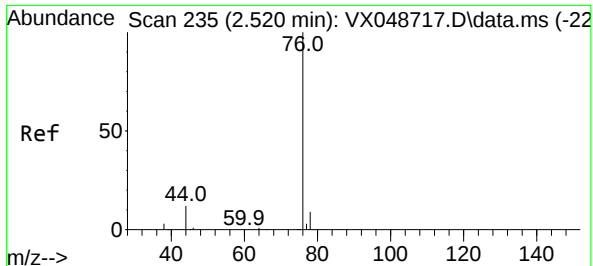
Tgt Ion: 43 Resp: 89291

Ion Ratio Lower Upper

43 100

58 31.8 25.0 37.4

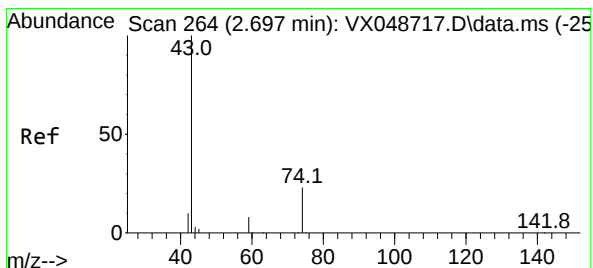
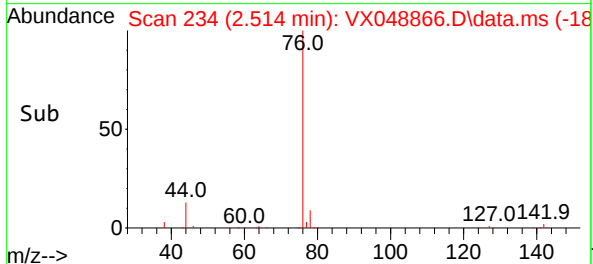
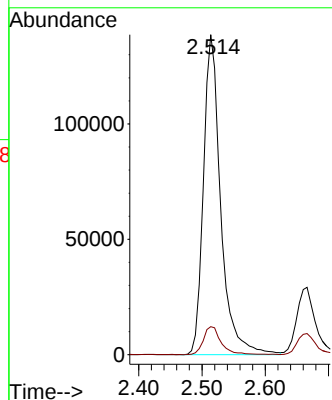
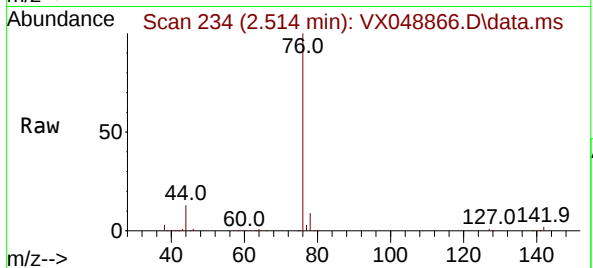




#17
Carbon Disulfide
Concen: 47.865 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

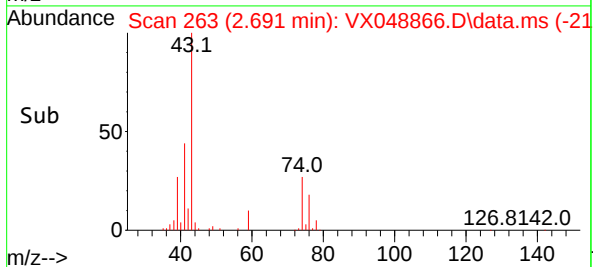
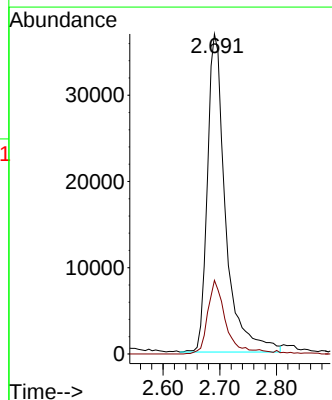
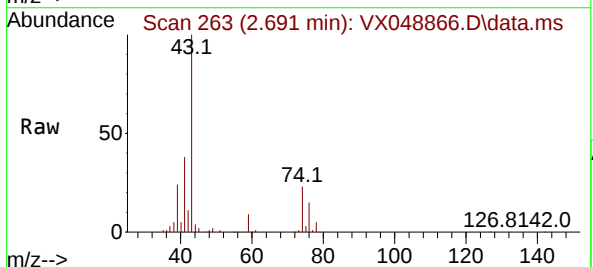
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

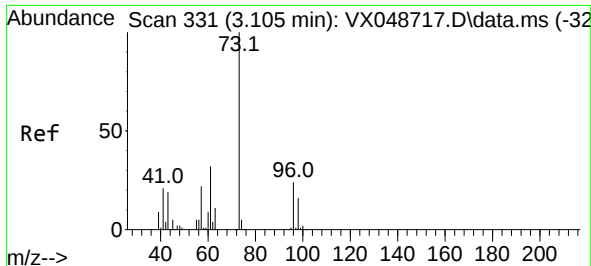
Tgt Ion: 76 Resp: 264047
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 34.665 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 43 Resp: 81982
Ion Ratio Lower Upper
43 100
74 23.2 19.2 28.8

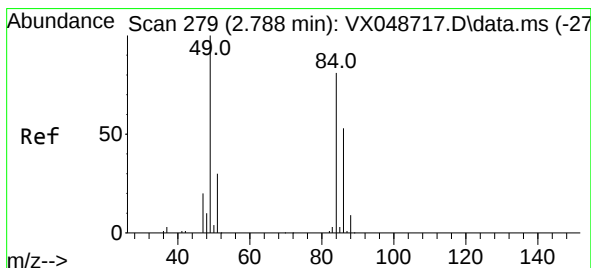
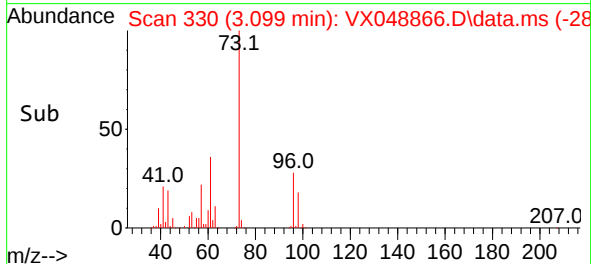
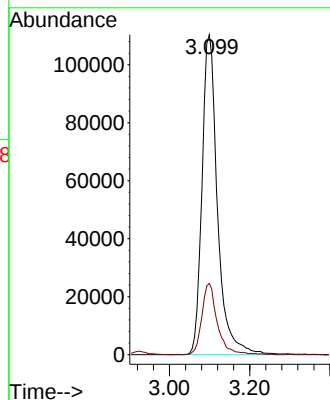
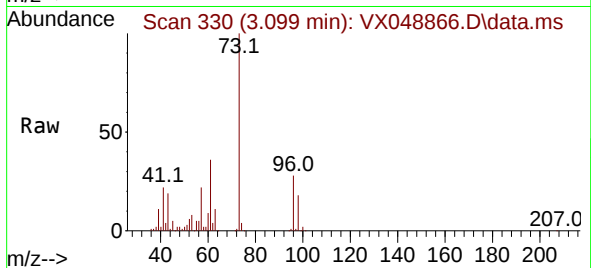




#19
Methyl tert-butyl Ether
Concen: 47.714 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

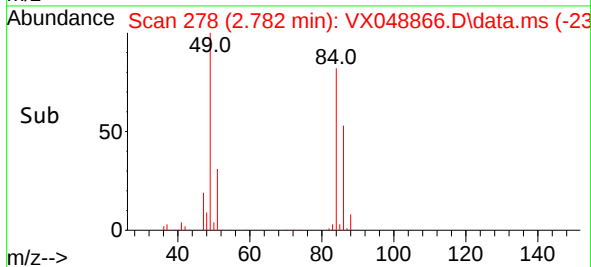
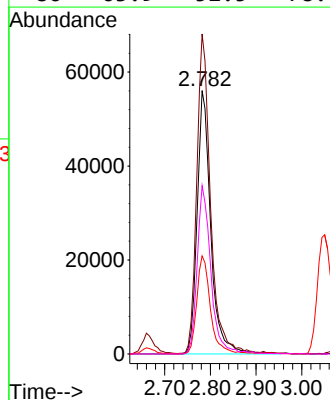
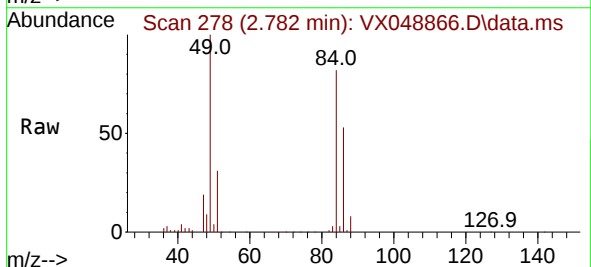
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

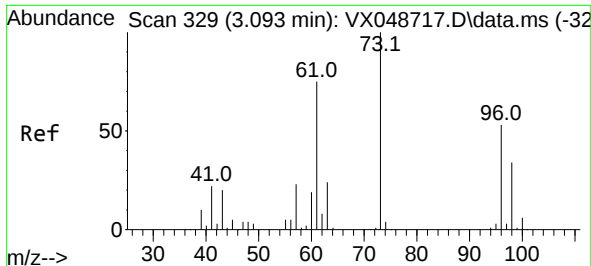
Tgt Ion: 73 Resp: 294976
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 55.225 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 84 Resp: 116025
Ion Ratio Lower Upper
84 100
49 121.3 98.7 148.1
51 37.1 29.4 44.2
86 63.9 52.5 78.7

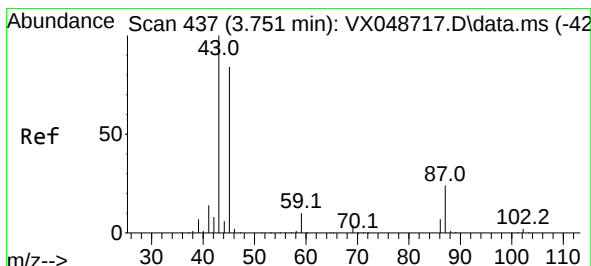
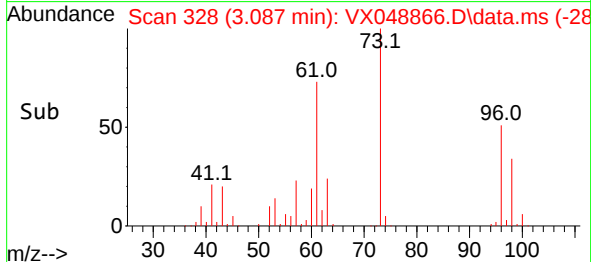
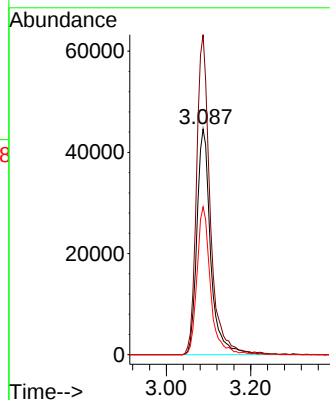
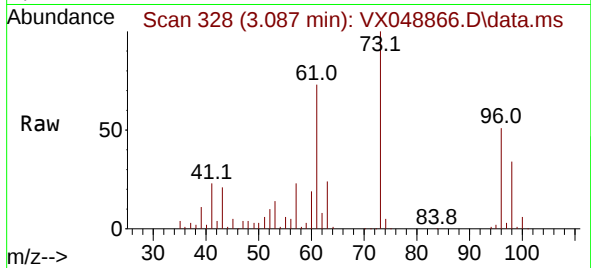




#21
trans-1,2-Dichloroethene
Concen: 52.482 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

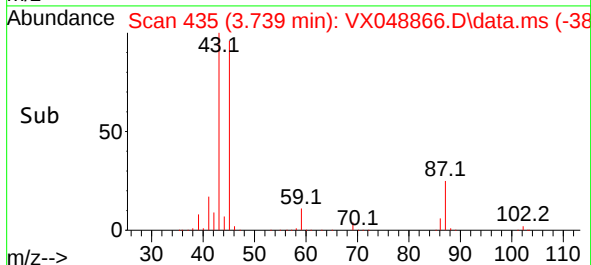
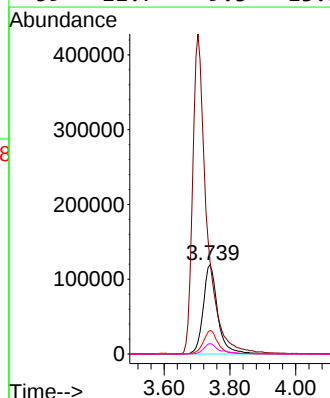
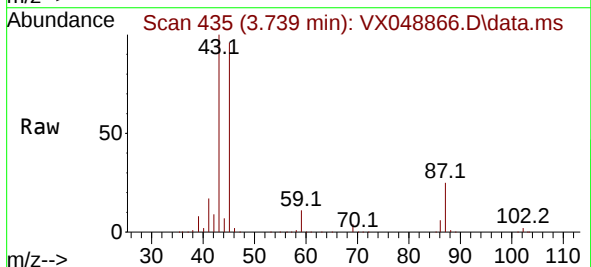
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

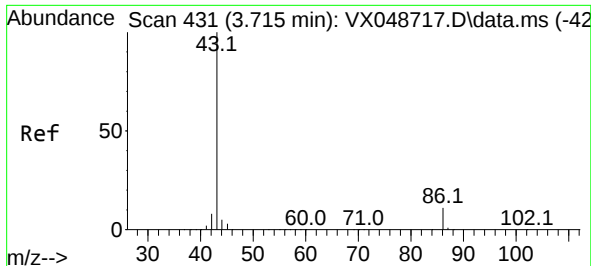
Tgt Ion: 96 Resp: 101752
Ion Ratio Lower Upper
96 100
61 141.8 112.8 169.2
98 65.5 51.0 76.4



#22
Diisopropyl ether
Concen: 61.131 ug/l
RT: 3.739 min Scan# 435
Delta R.T. -0.012 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 45 Resp: 364371
Ion Ratio Lower Upper
45 100
43 104.3 94.9 142.3
87 26.4 23.2 34.8
59 11.7 9.3 13.9

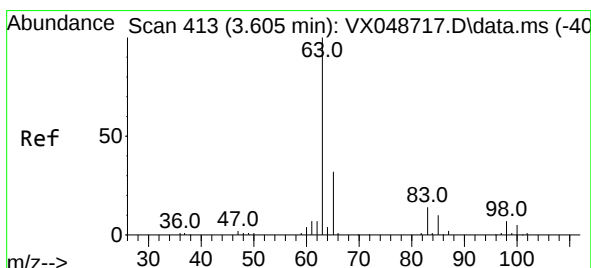
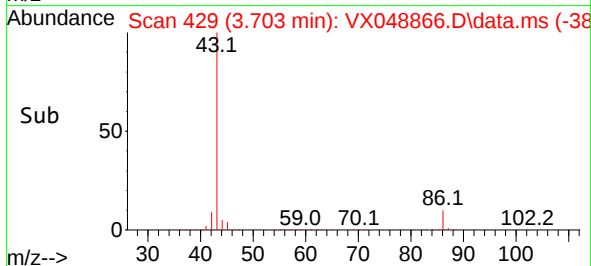
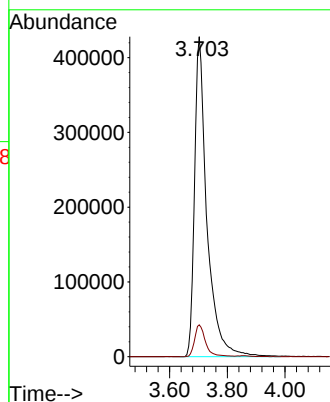
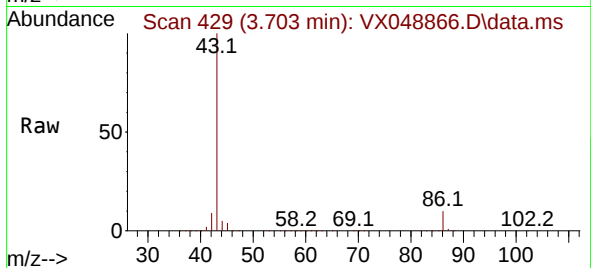




#23
 Vinyl Acetate
 Concen: 254.838 ug/l
 RT: 3.703 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

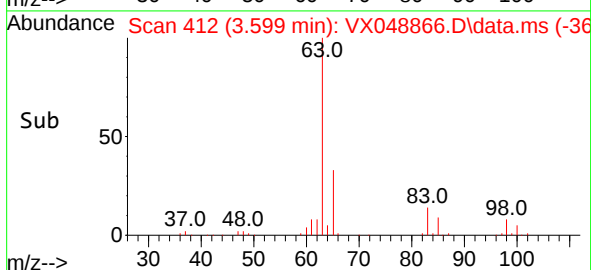
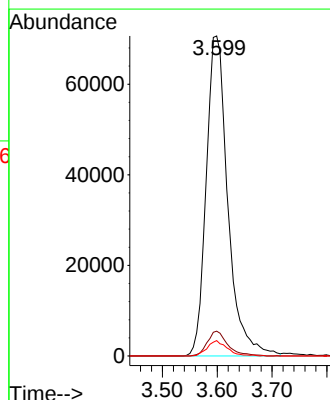
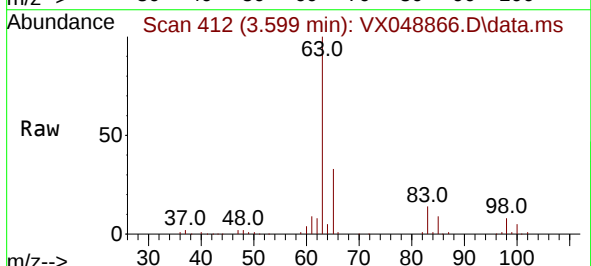
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

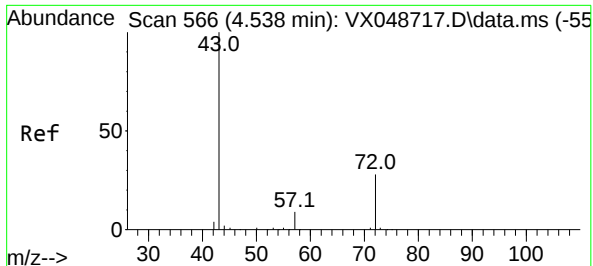
Tgt Ion: 43 Resp: 1276316
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 58.228 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

Tgt Ion: 63 Resp: 193542
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.8 2.5 7.4

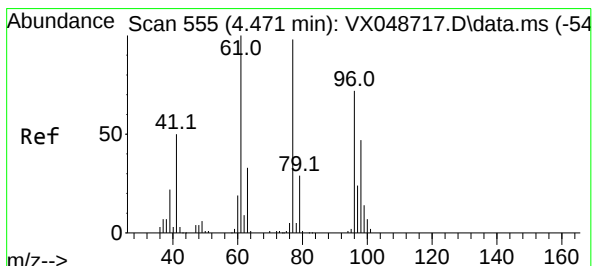
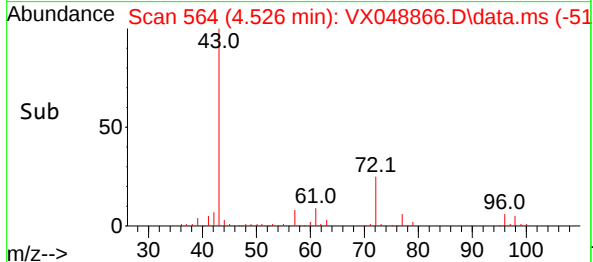
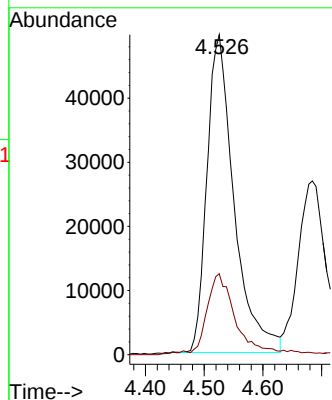
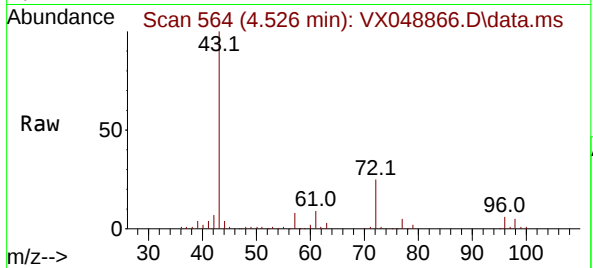




#25
2-Butanone
Concen: 128.070 ug/l
RT: 4.526 min Scan# 501
Delta R.T. -0.012 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

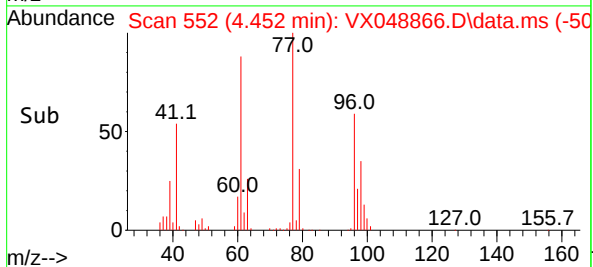
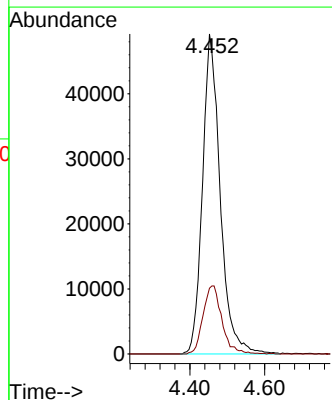
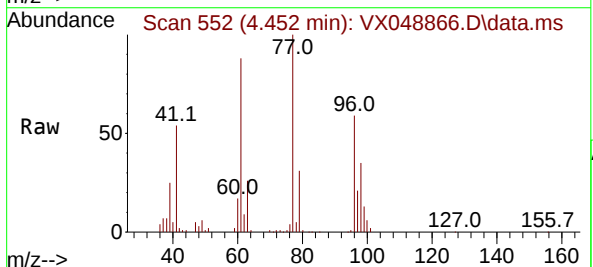
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

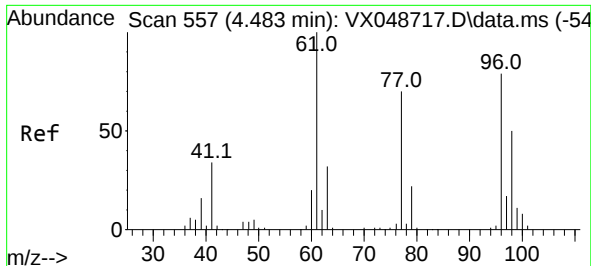
Tgt Ion: 43 Resp: 158879
Ion Ratio Lower Upper
43 100
72 24.7 22.6 34.0



#26
2,2-Dichloropropane
Concen: 55.022 ug/l
RT: 4.452 min Scan# 552
Delta R.T. -0.018 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 77 Resp: 161822
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 56.300 ug/l

RT: 4.465 min Scan# 51

Delta R.T. -0.018 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

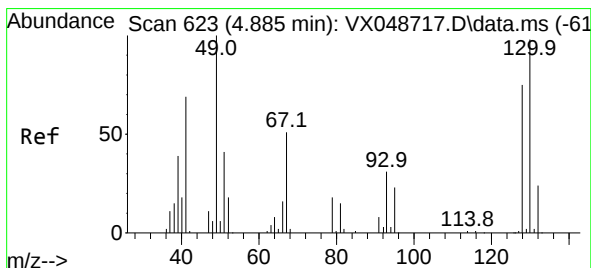
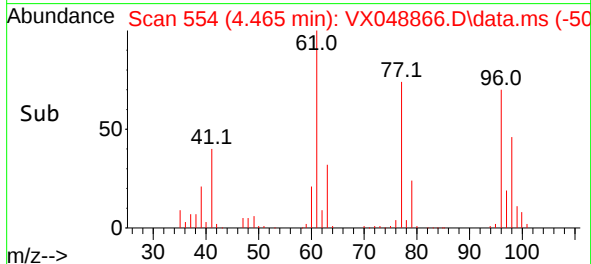
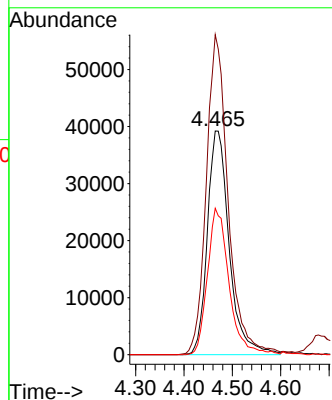
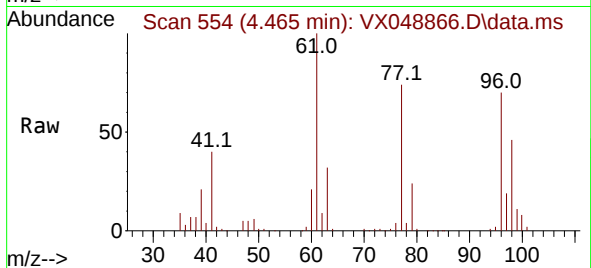
Tgt Ion: 96 Resp: 123173

Ion Ratio Lower Upper

96 100

61 143.5 0.0 271.0

98 64.7 0.0 130.2



#28

Bromochloromethane

Concen: 57.410 ug/l

RT: 4.873 min Scan# 621

Delta R.T. -0.012 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

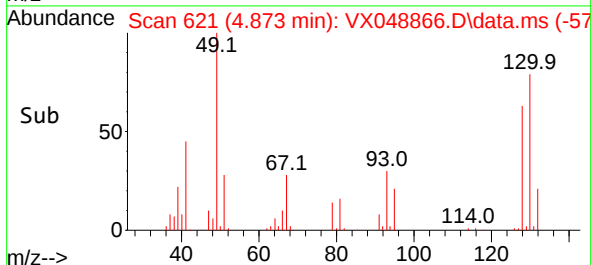
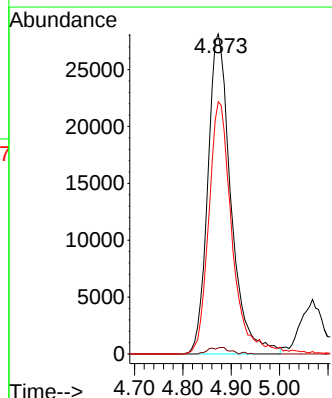
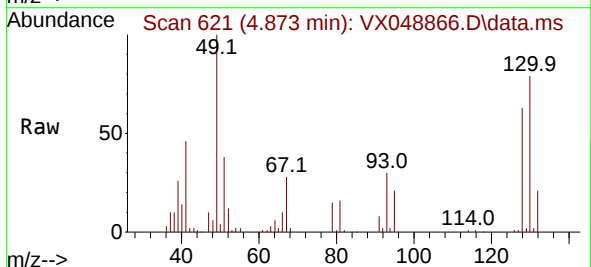
Tgt Ion: 49 Resp: 93530

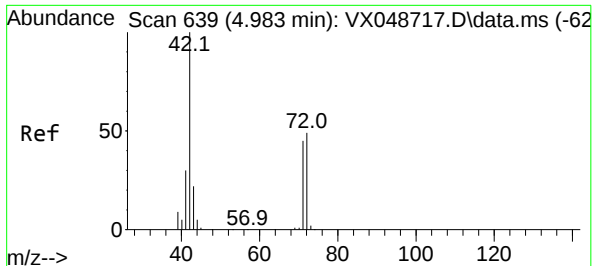
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 78.8 73.9 110.9





#29

Tetrahydrofuran

Concen: 127.580 ug/l

RT: 4.971 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

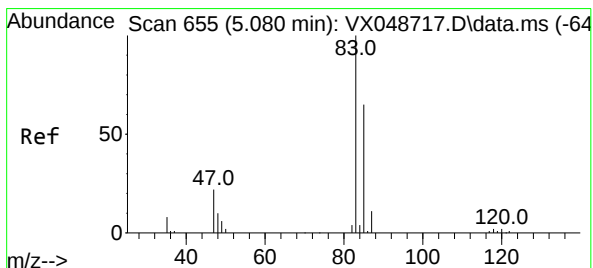
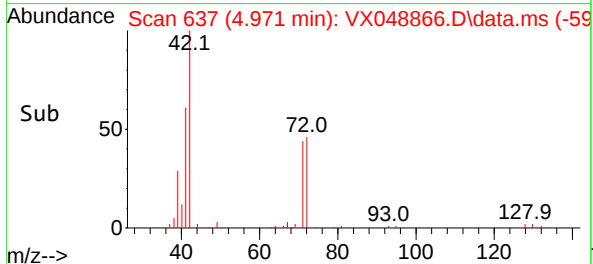
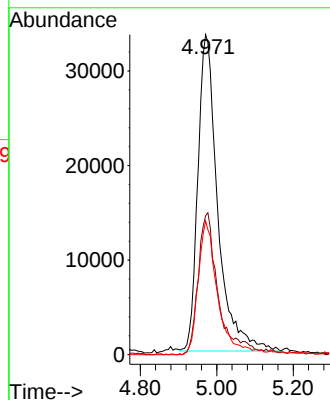
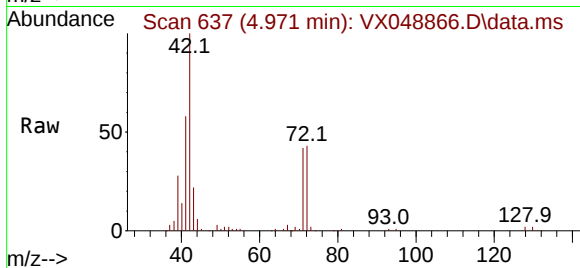
Tgt Ion: 42 Resp: 120852

Ion Ratio Lower Upper

42 100

72 45.1 39.4 59.2

71 40.8 35.8 53.6



#30

Chloroform

Concen: 55.817 ug/l

RT: 5.068 min Scan# 653

Delta R.T. -0.012 min

Lab File: VX048866.D

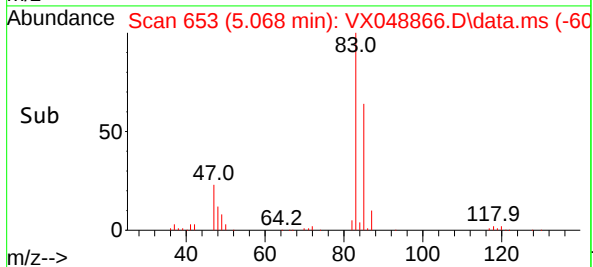
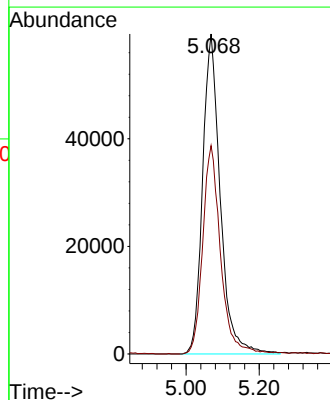
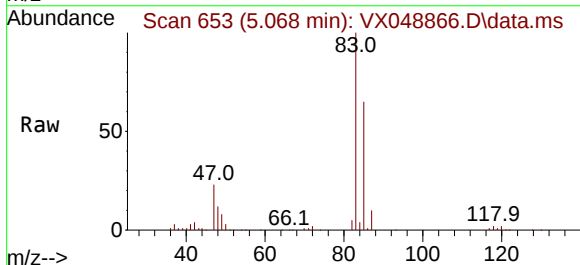
Acq: 15 Dec 2025 08:54

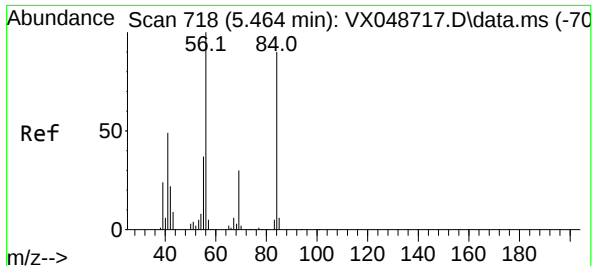
Tgt Ion: 83 Resp: 198791

Ion Ratio Lower Upper

83 100

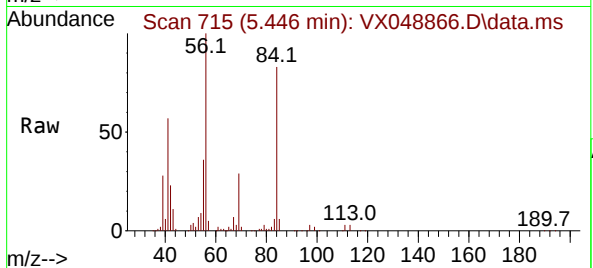
85 65.1 52.1 78.1





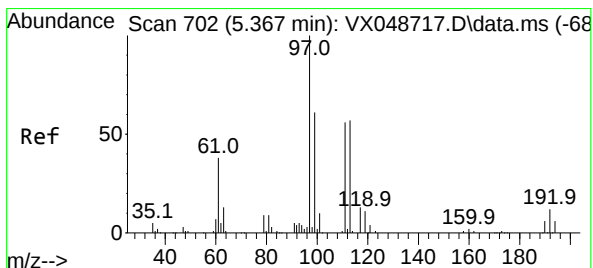
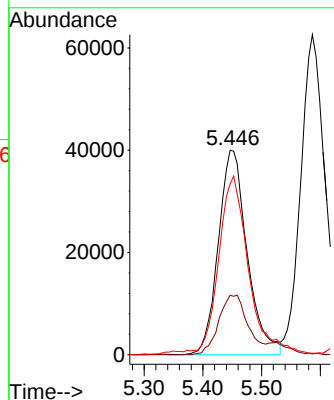
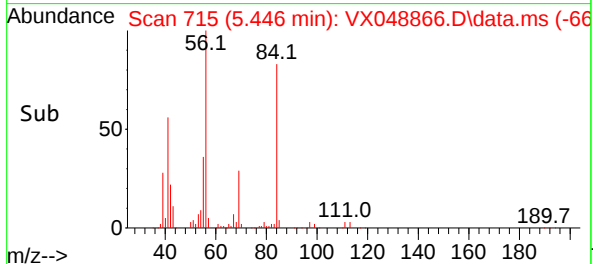
#31
Cyclohexane
Concen: 45.957 ug/l
RT: 5.446 min Scan# 715
Delta R.T. -0.018 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 136384

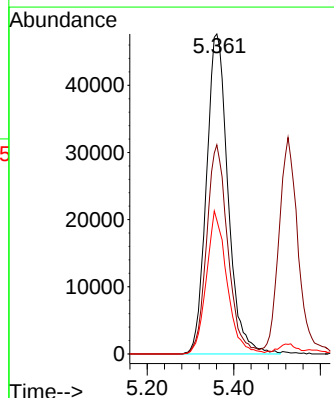
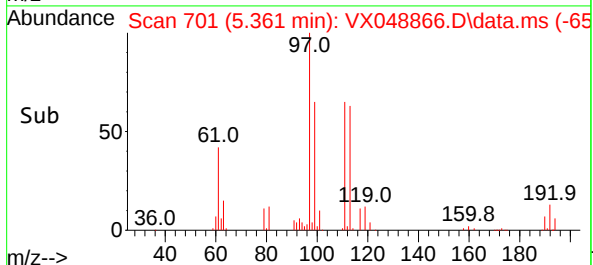
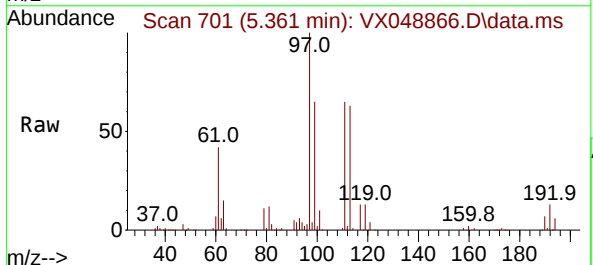
Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.2	36.2
84	81.9	72.1	108.1

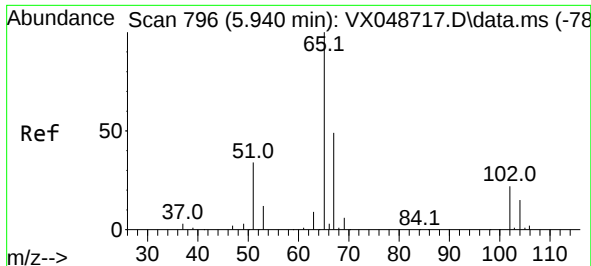


#32
1,1,1-Trichloroethane
Concen: 51.690 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 97 Resp: 164949

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.5	75.7
61	42.6	30.6	45.8





#33

1,2-Dichloroethane-d4

Concen: 51.102 ug/l

RT: 5.928 min Scan# 794

Delta R.T. -0.012 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

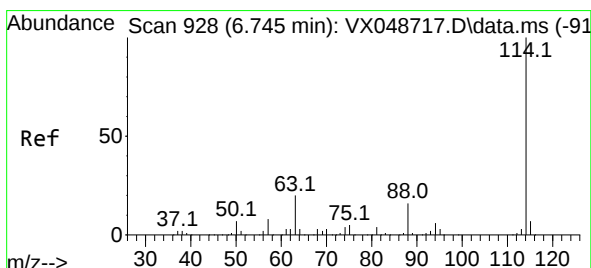
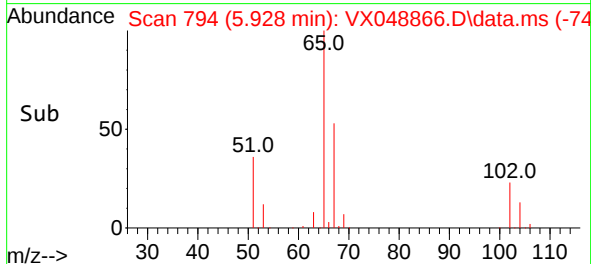
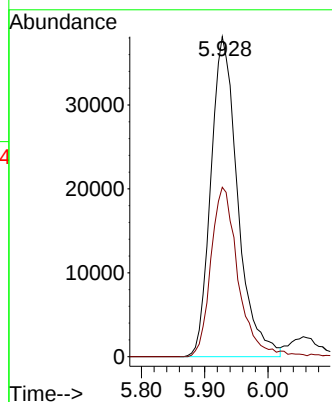
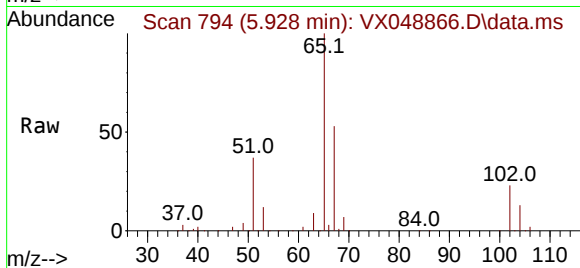
VSTDCCC050

Tgt Ion: 65 Resp: 112202

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.733 min Scan# 926

Delta R.T. -0.012 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

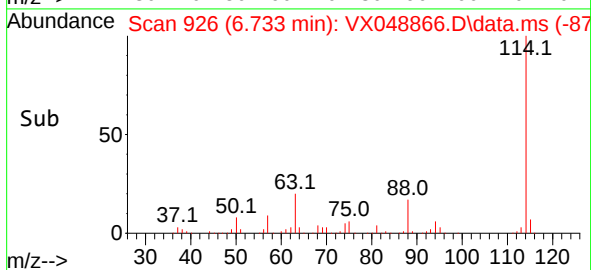
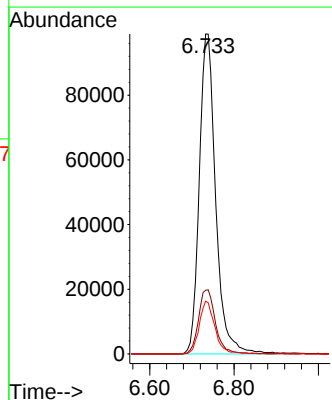
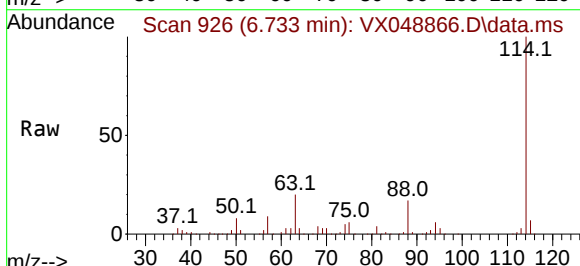
Tgt Ion: 114 Resp: 267535

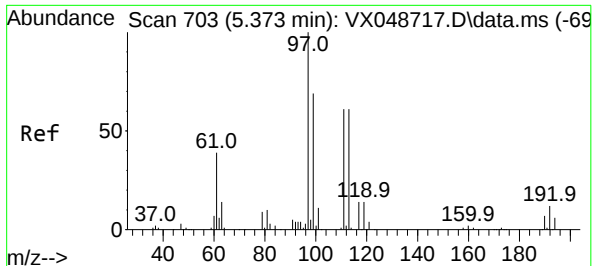
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

88 16.5 0.0 31.8

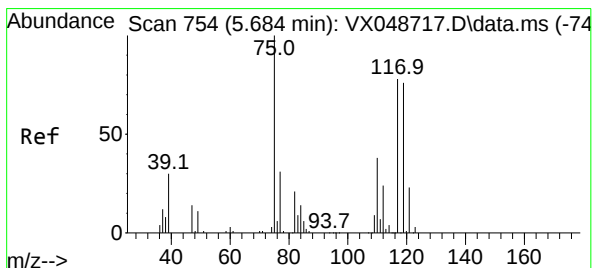
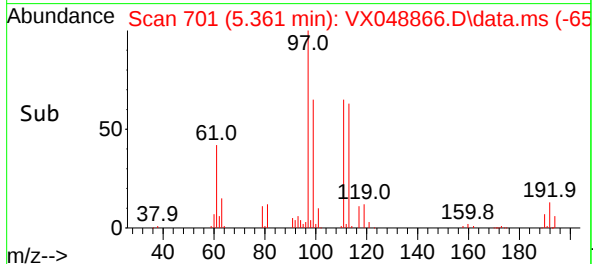
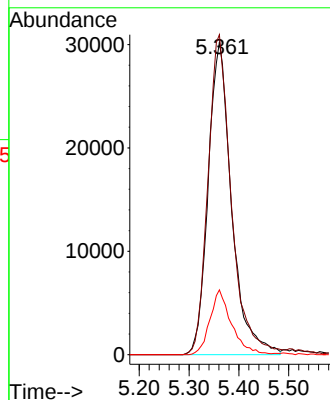
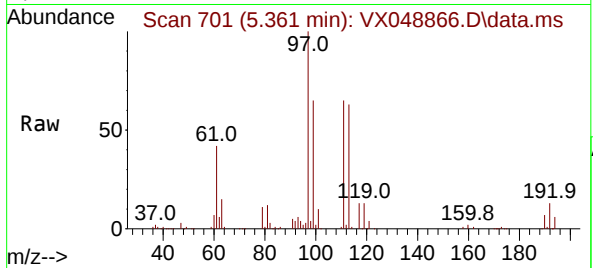




#35
Dibromofluoromethane
Concen: 53.459 ug/l
RT: 5.361 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

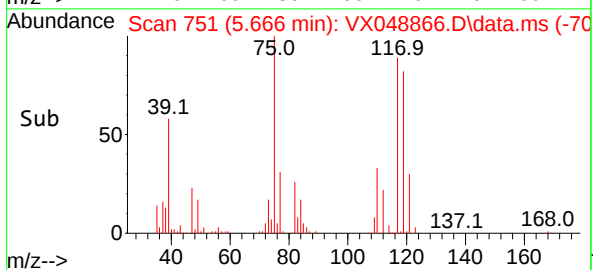
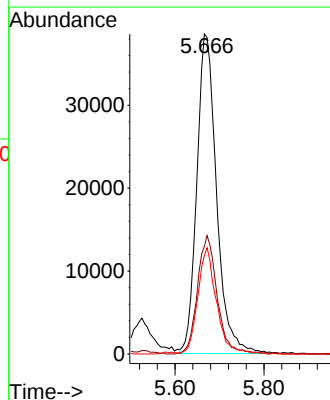
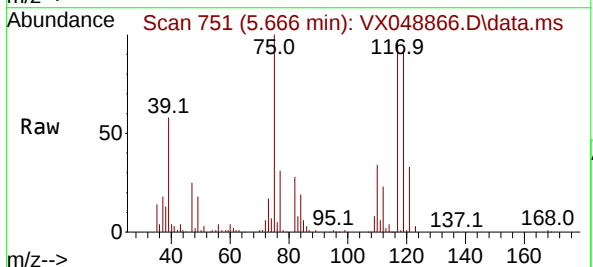
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

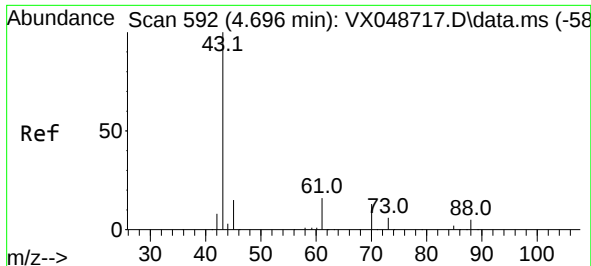
Tgt Ion:113 Resp: 98476
Ion Ratio Lower Upper
113 100
111 102.5 79.5 119.3
192 19.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 47.208 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.018 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 75 Resp: 119107
Ion Ratio Lower Upper
75 100
110 36.9 18.6 55.8
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 31.725 ug/l

RT: 4.684 min Scan# 592

Delta R.T. -0.012 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

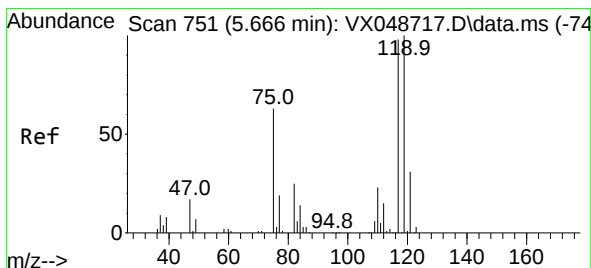
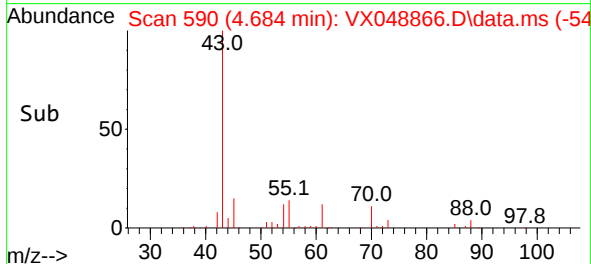
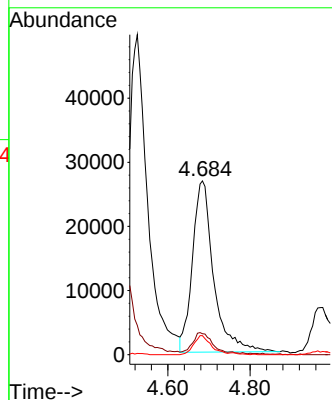
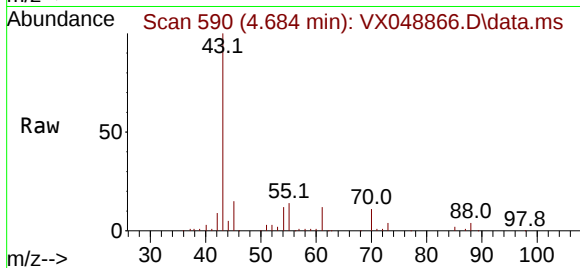
Tgt Ion: 43 Resp: 95642

Ion Ratio Lower Upper

43 100

61 11.1 9.7 14.5

70 9.1 8.2 12.4



#38

Carbon Tetrachloride

Concen: 49.210 ug/l

RT: 5.653 min Scan# 749

Delta R.T. -0.012 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

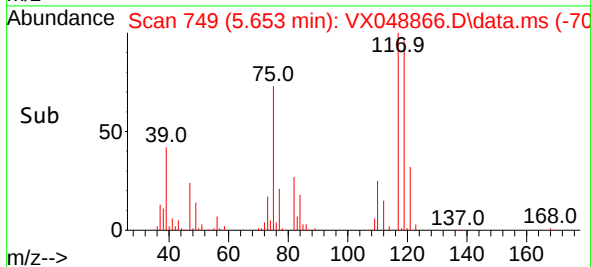
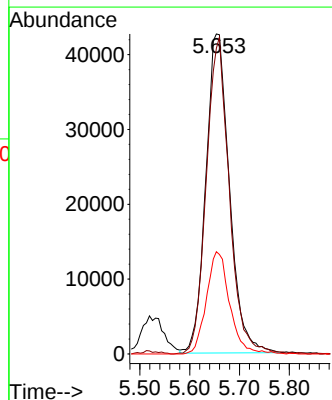
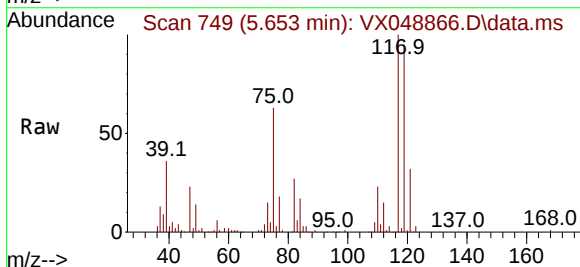
Tgt Ion: 117 Resp: 140632

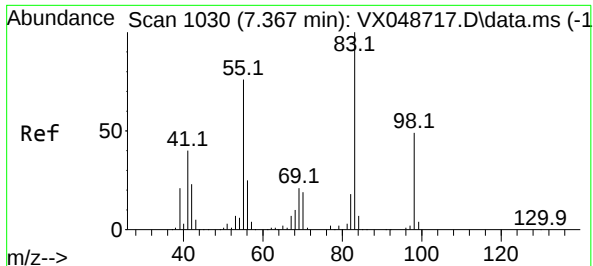
Ion Ratio Lower Upper

117 100

119 95.5 80.5 120.7

121 32.1 25.4 38.0





#39

Methylcyclohexane

Concen: 43.144 ug/l

RT: 7.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

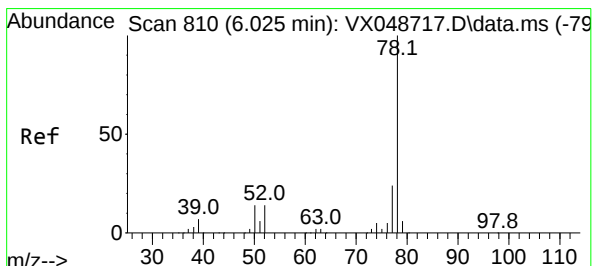
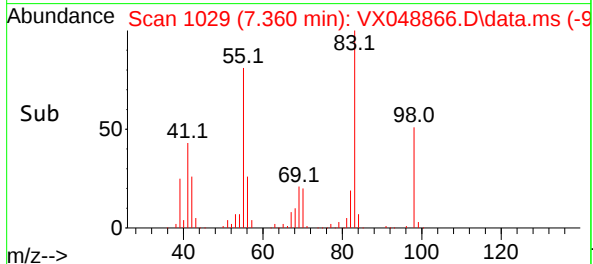
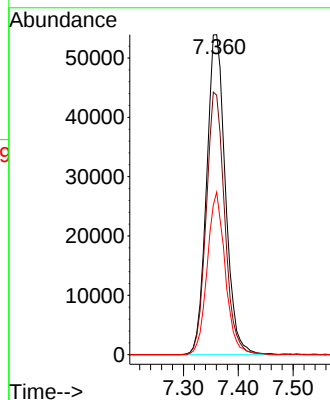
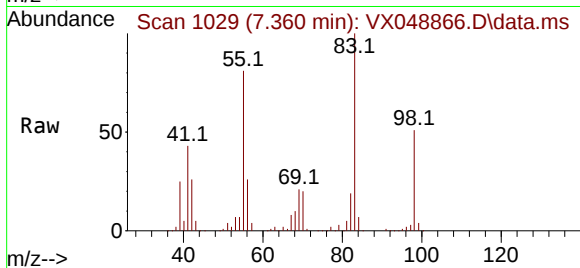
Tgt Ion: 83 Resp: 128715

Ion Ratio Lower Upper

83 100

55 81.1 60.6 90.8

98 50.8 39.3 58.9



#40

Benzene

Concen: 52.969 ug/l

RT: 6.013 min Scan# 808

Delta R.T. -0.012 min

Lab File: VX048866.D

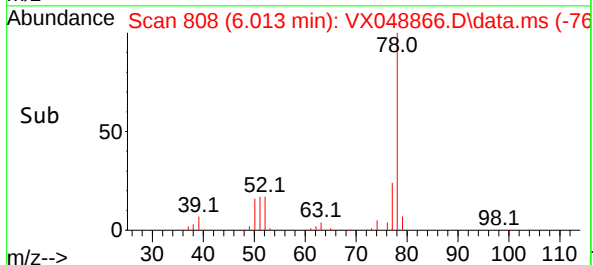
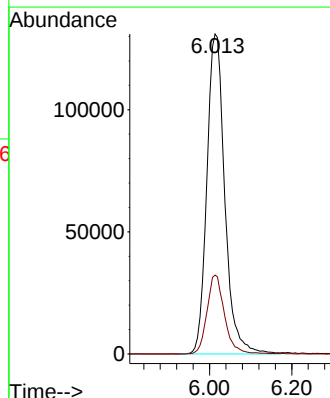
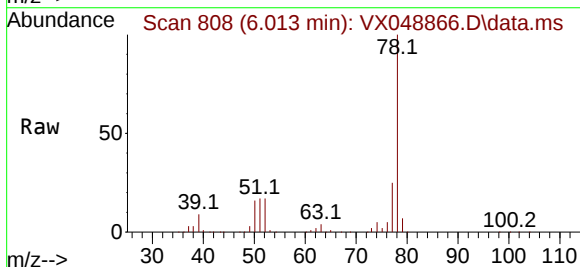
Acq: 15 Dec 2025 08:54

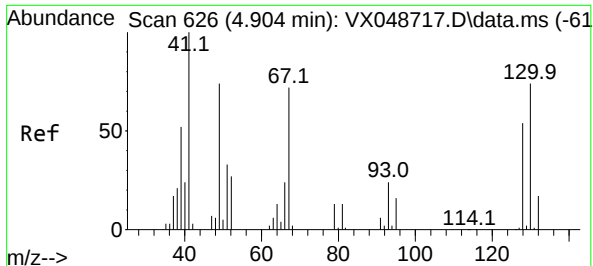
Tgt Ion: 78 Resp: 396170

Ion Ratio Lower Upper

78 100

77 24.7 18.8 28.2

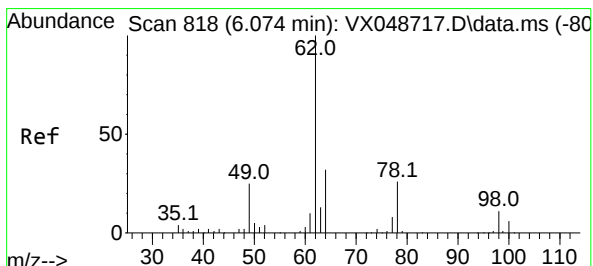
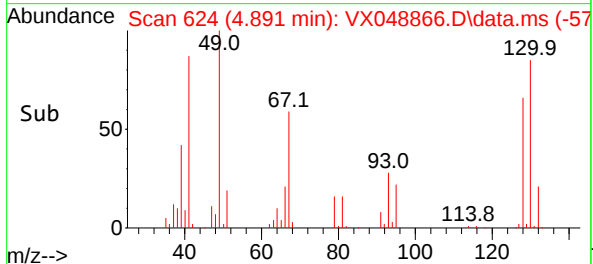
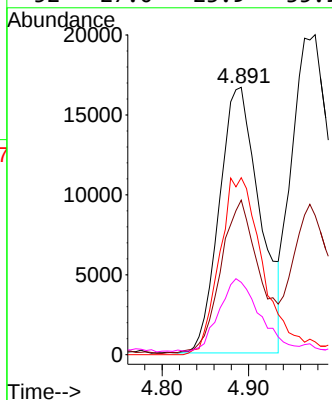
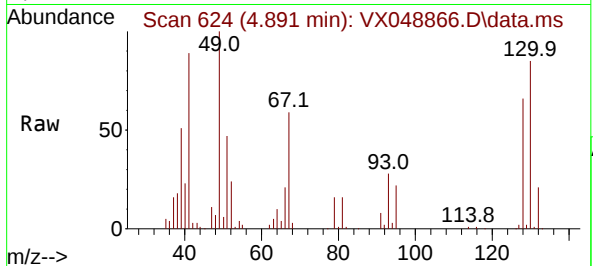




#41
Methacrylonitrile
Concen: 39.561 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

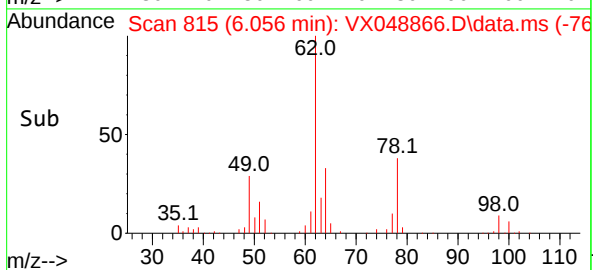
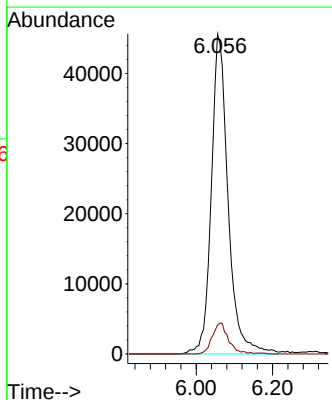
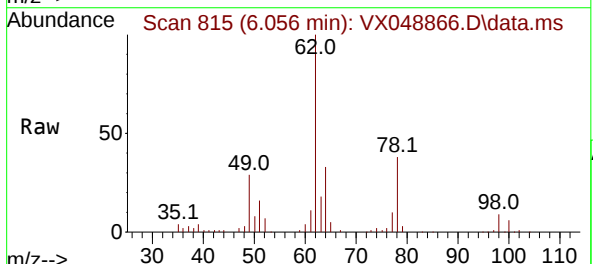
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

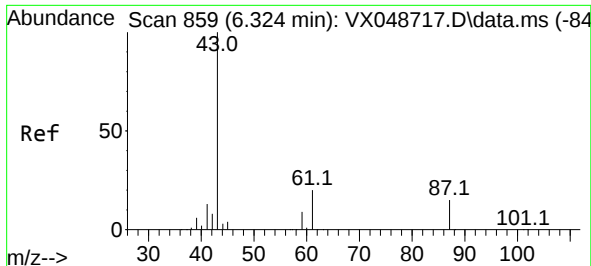
Tgt Ion:	41	Resp:	54265
Ion	Ratio	Lower	Upper
41	100		
39	55.5	42.3	63.5
67	73.8	66.6	100.0
52	27.0	23.9	35.9



#42
1,2-Dichloroethane
Concen: 52.445 ug/l
RT: 6.056 min Scan# 815
Delta R.T. -0.018 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion:	62	Resp:	138834
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.2

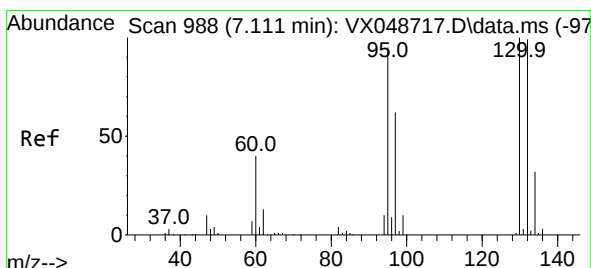
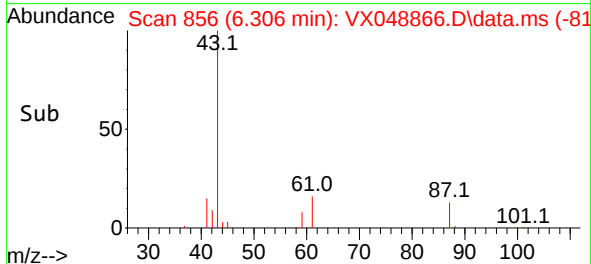
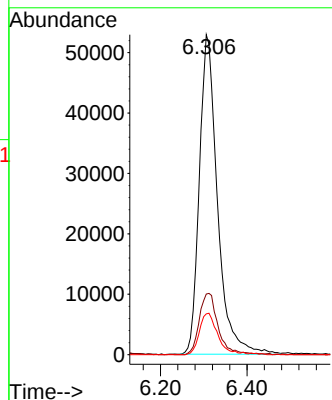
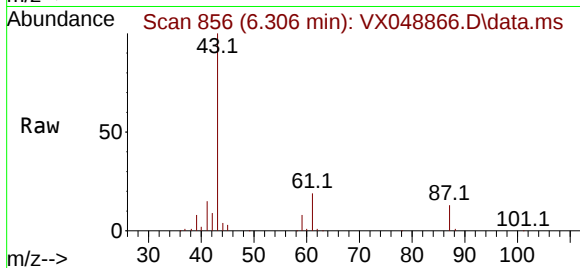




#43
Isopropyl Acetate
Concen: 33.719 ug/l
RT: 6.306 min Scan# 856
Delta R.T. -0.018 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

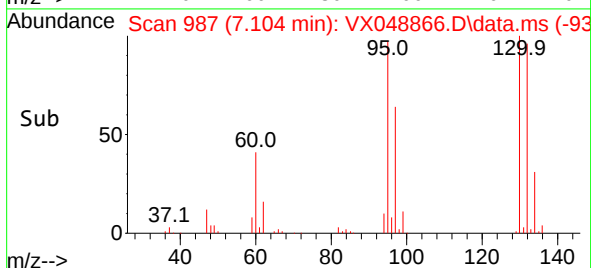
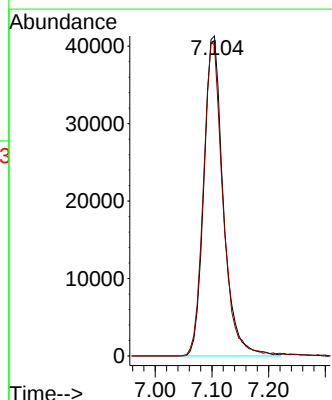
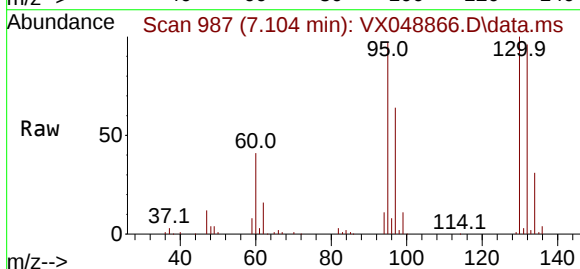
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

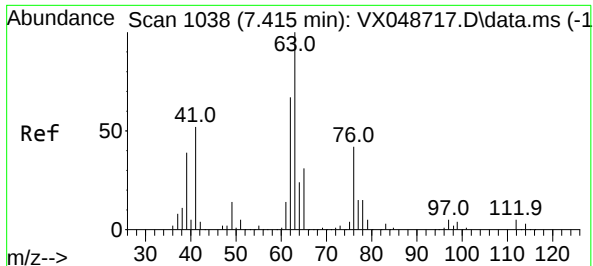
Tgt Ion: 43 Resp: 153925
Ion Ratio Lower Upper
43 100
61 19.9 16.8 25.2
87 13.0 11.8 17.6



#44
Trichloroethene
Concen: 50.270 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion:130 Resp: 98105
Ion Ratio Lower Upper
130 100
95 97.3 0.0 189.6





#45

1,2-Dichloropropane

Concen: 54.150 ug/l

RT: 7.403 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

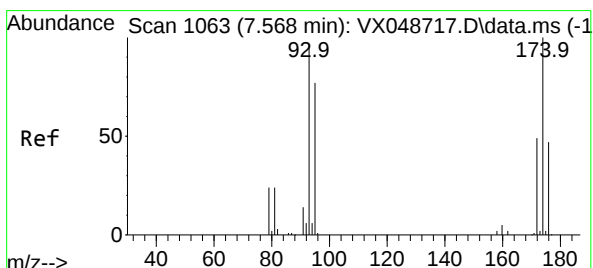
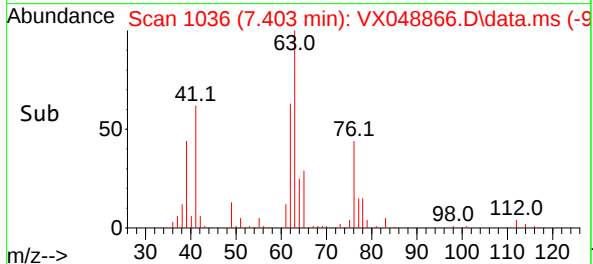
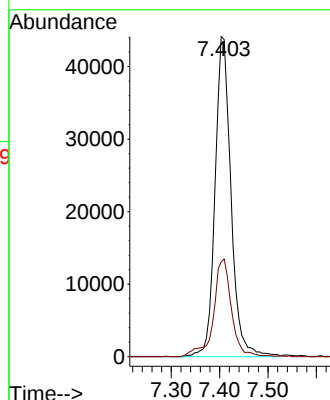
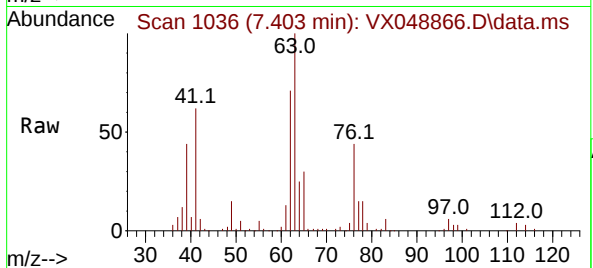
VSTDCCC050

Tgt Ion: 63 Resp: 101227

Ion Ratio Lower Upper

63 100

65 29.6 24.5 36.7



#46

Dibromomethane

Concen: 48.821 ug/l

RT: 7.556 min Scan# 1061

Delta R.T. -0.012 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

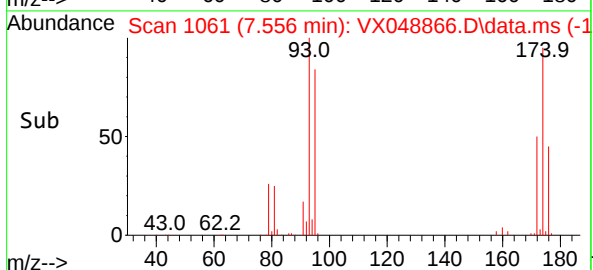
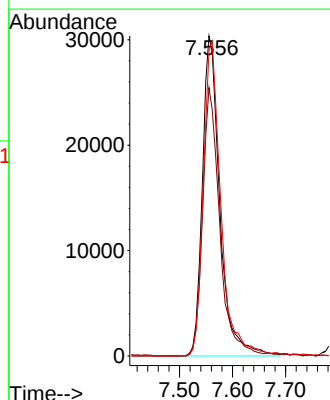
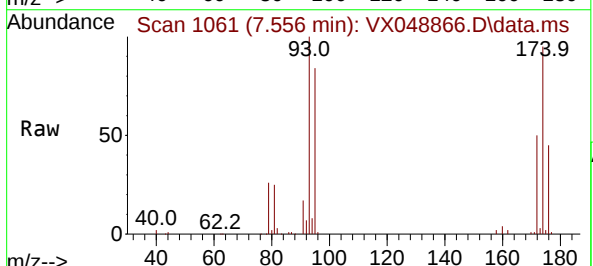
Tgt Ion: 93 Resp: 69210

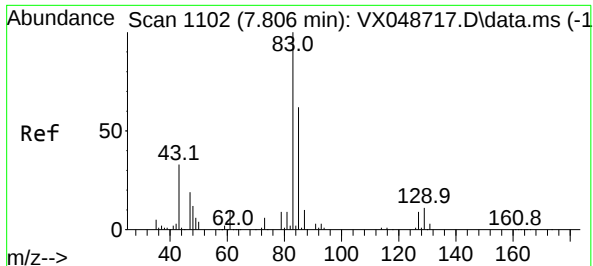
Ion Ratio Lower Upper

93 100

95 82.0 65.5 98.3

174 98.8 82.0 123.0





#47

Bromodichloromethane

Concen: 53.513 ug/l

RT: 7.799 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

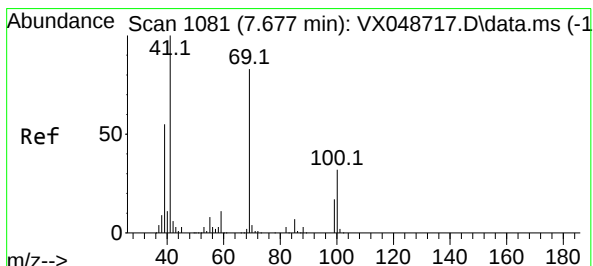
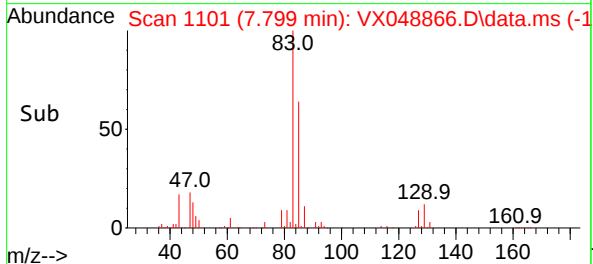
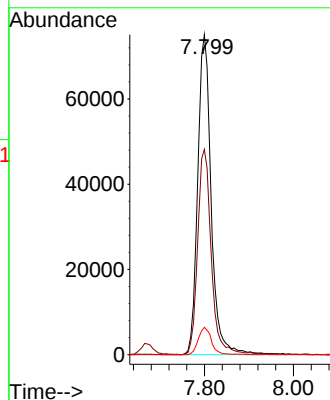
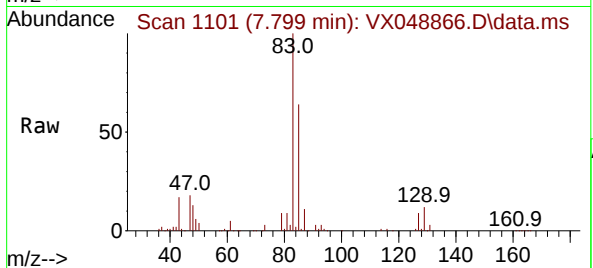
Tgt Ion: 83 Resp: 158166

Ion Ratio Lower Upper

83 100

85 64.1 49.8 74.8

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 34.828 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.012 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

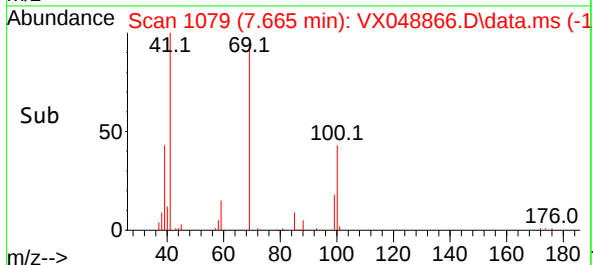
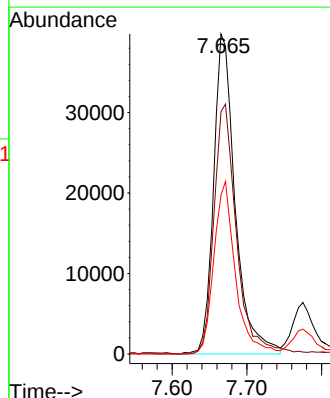
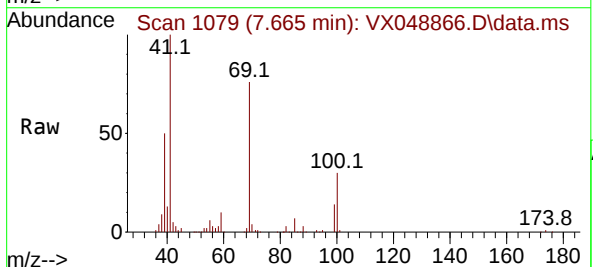
Tgt Ion: 41 Resp: 79977

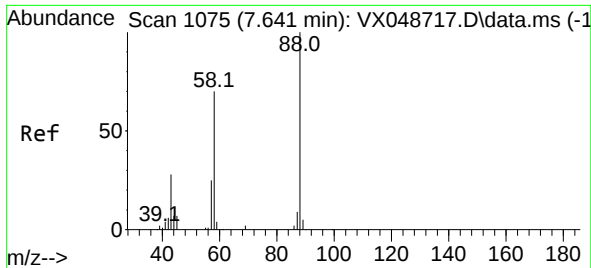
Ion Ratio Lower Upper

41 100

69 81.7 68.5 102.7

39 53.8 43.5 65.3

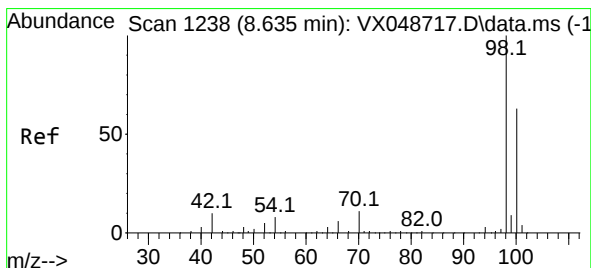
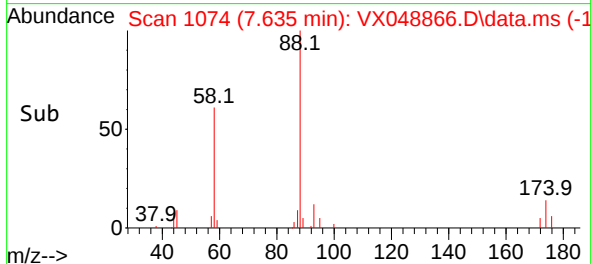
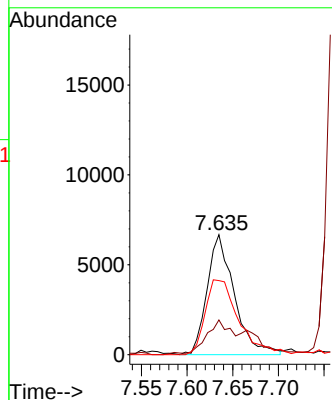
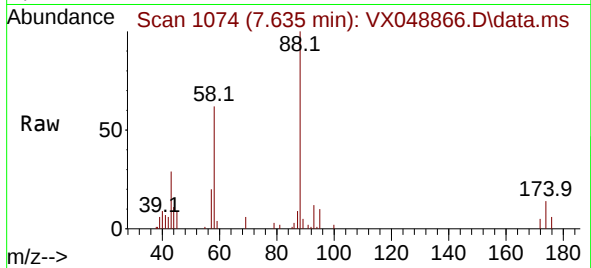




#49
1,4-Dioxane
Concen: 437.402 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

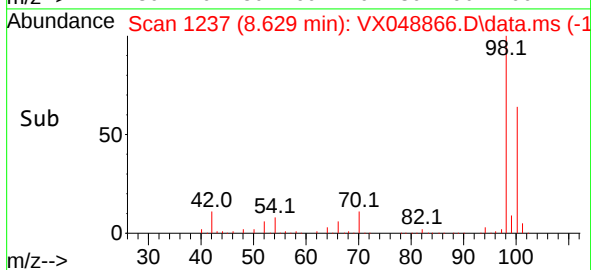
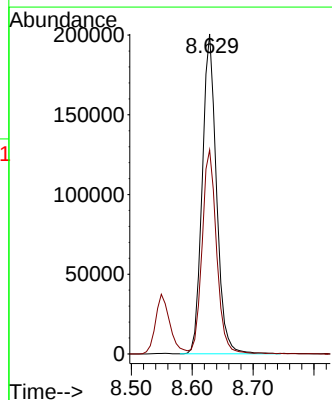
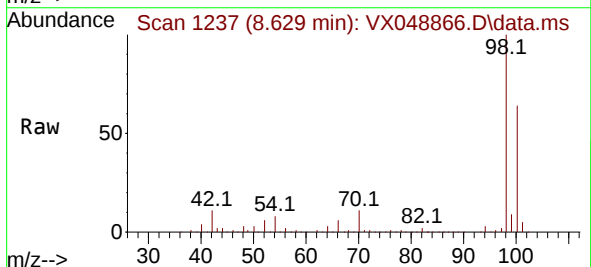
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

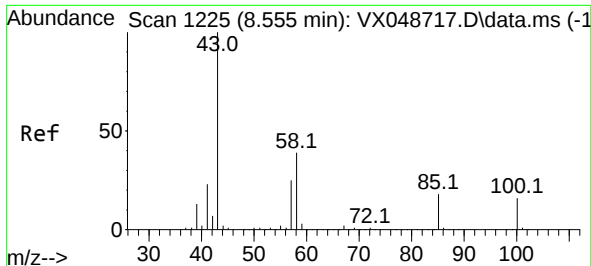
Tgt Ion: 88 Resp: 13814
Ion Ratio Lower Upper
88 100
43 26.7 28.6 43.0#
58 76.4 58.0 87.0



#50
Toluene-d8
Concen: 50.547 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 98 Resp: 326388
Ion Ratio Lower Upper
98 100
100 64.1 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 146.572 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

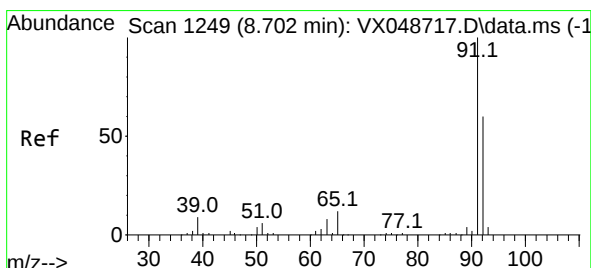
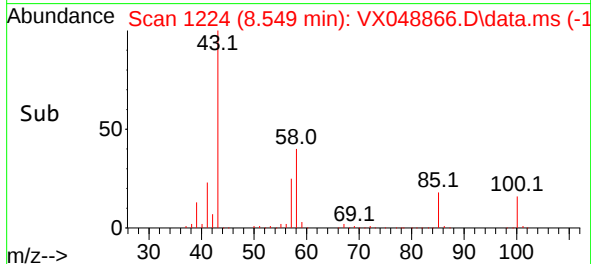
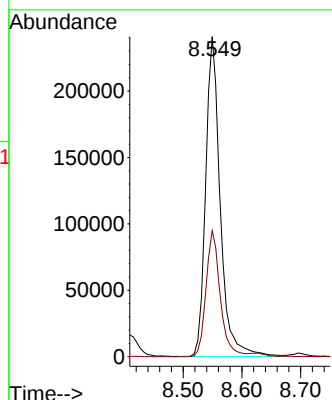
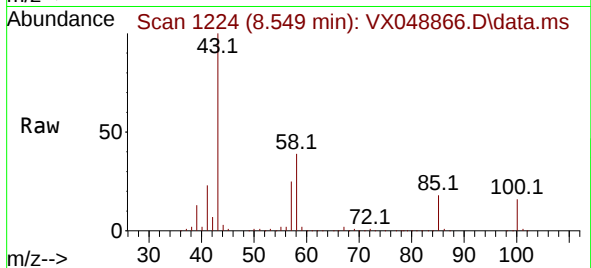
VSTDCCC050

Tgt Ion: 43 Resp: 415309

Ion Ratio Lower Upper

43 100

58 38.4 32.2 48.4



#52

Toluene

Concen: 53.294 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. -0.006 min

Lab File: VX048866.D

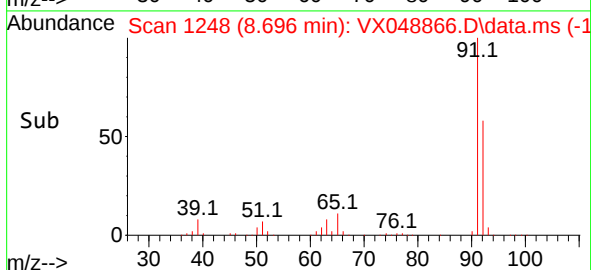
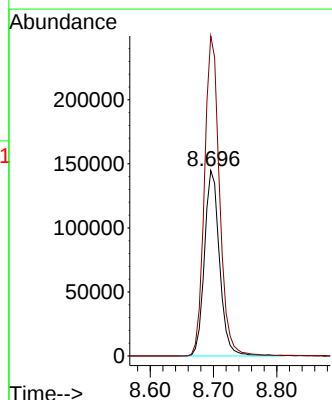
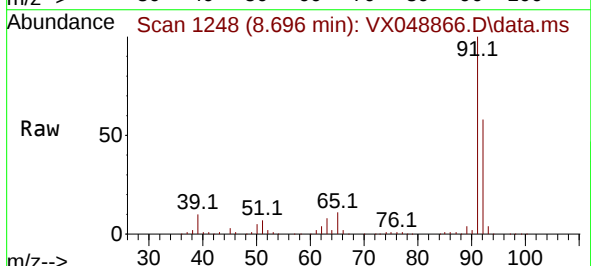
Acq: 15 Dec 2025 08:54

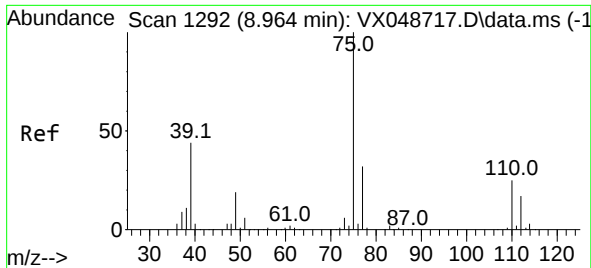
Tgt Ion: 92 Resp: 240361

Ion Ratio Lower Upper

92 100

91 173.1 136.3 204.5

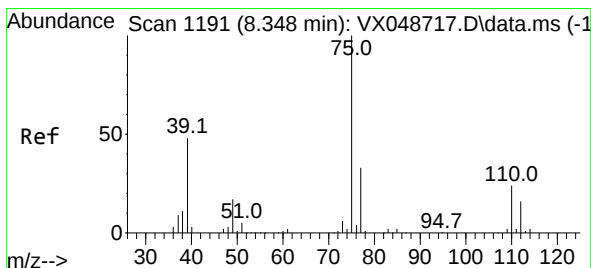
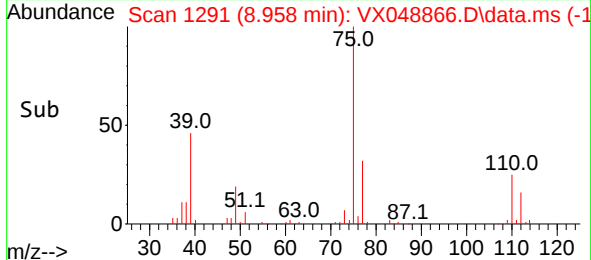
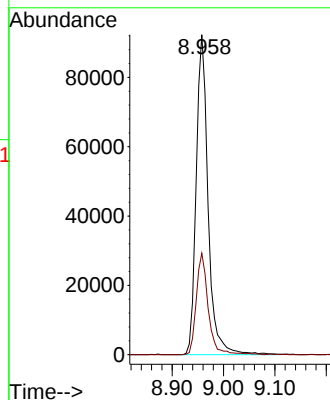
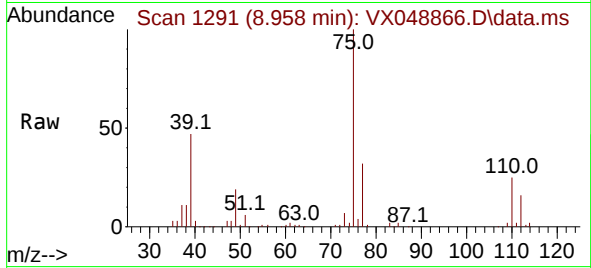




#53
 t-1,3-Dichloropropene
 Concen: 52.885 ug/l
 RT: 8.958 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

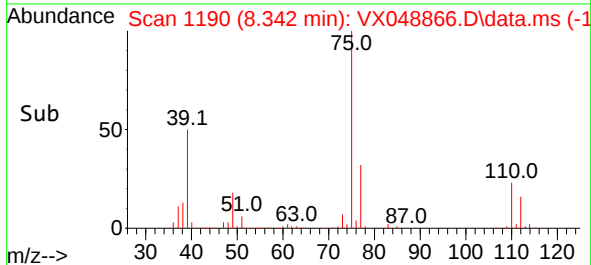
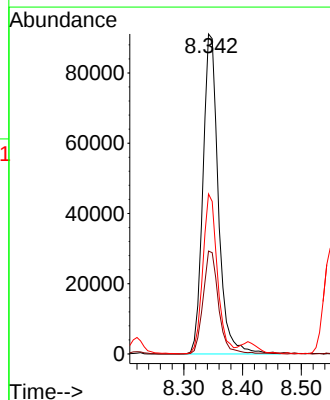
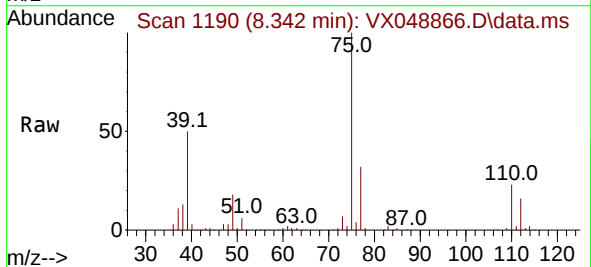
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

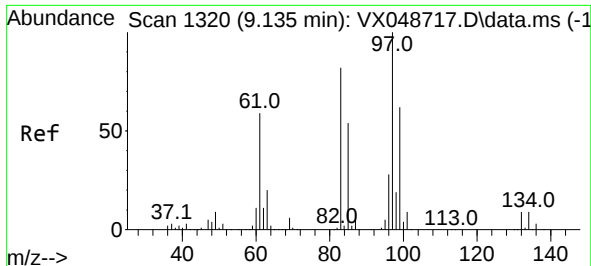
Tgt Ion: 75 Resp: 148705
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 55.077 ug/l
 RT: 8.342 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

Tgt Ion: 75 Resp: 166438
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 50.0 38.2 57.4

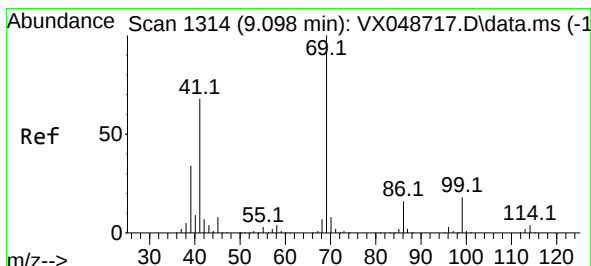
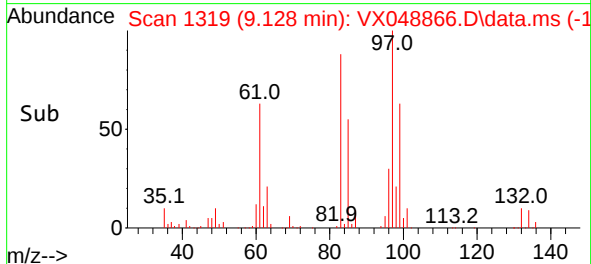
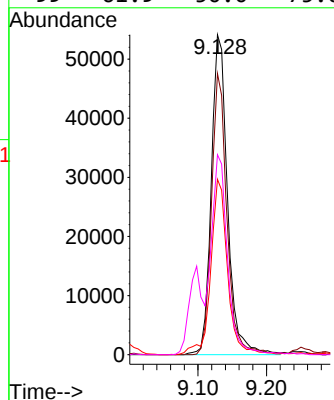
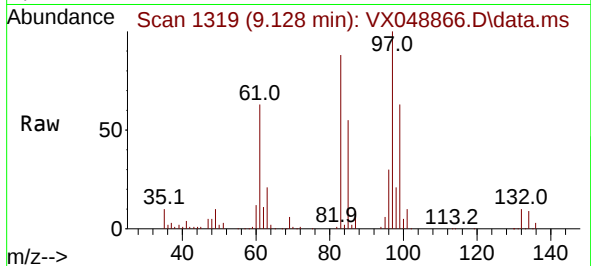




#55
1,1,2-Trichloroethane
Concen: 49.219 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

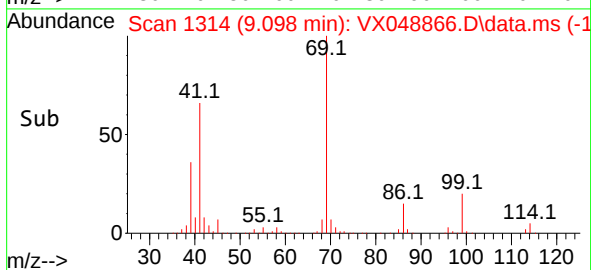
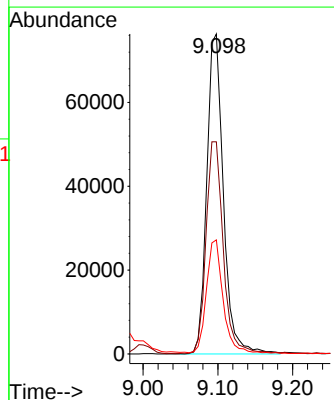
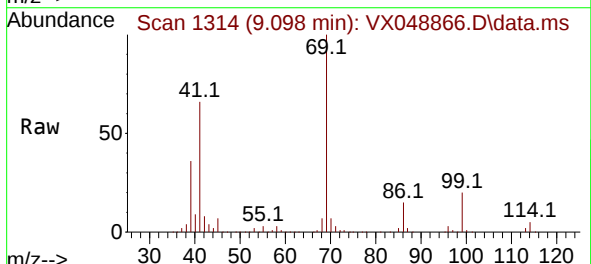
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

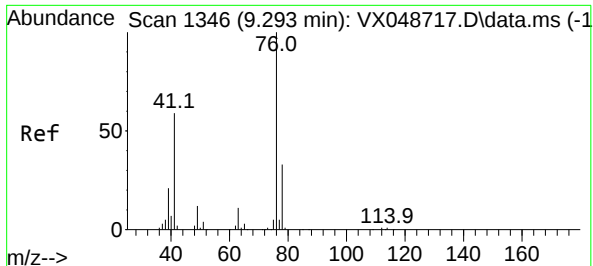
Tgt Ion: 97	Resp: 89316
Ion Ratio	Lower Upper
97 100	
83 87.8	66.0 99.0
85 54.6	43.2 64.8
99 61.9	50.0 75.0



#56
Ethyl methacrylate
Concen: 41.508 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 69	Resp: 117901
Ion Ratio	Lower Upper
69 100	
41 69.1	53.4 80.2
39 36.0	27.5 41.3





#57

1,3-Dichloropropane

Concen: 50.560 ug/l

RT: 9.287 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

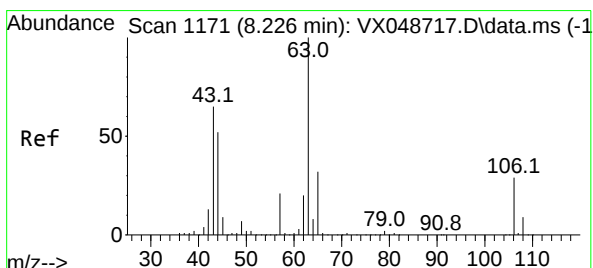
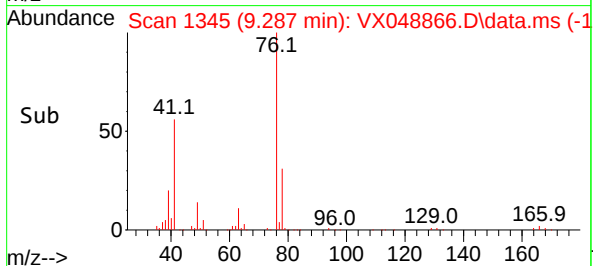
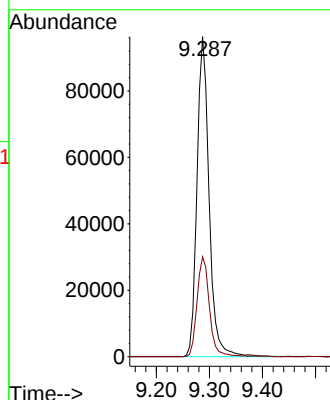
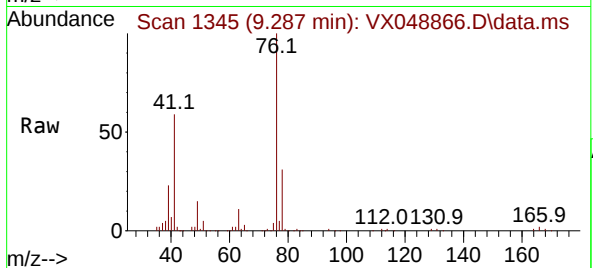
VSTDCCC050

Tgt Ion: 76 Resp: 152563

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 227.558 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048866.D

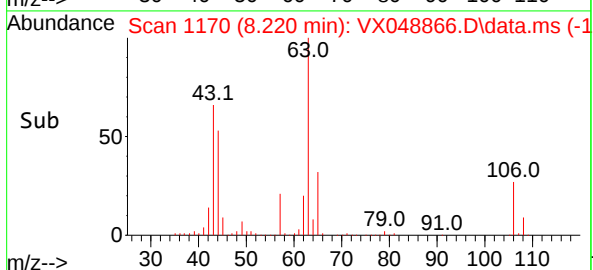
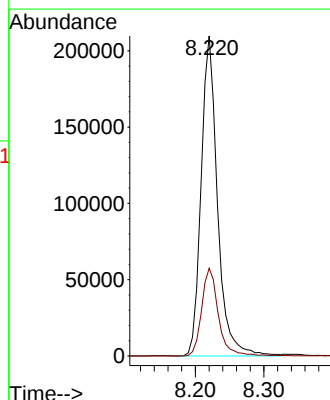
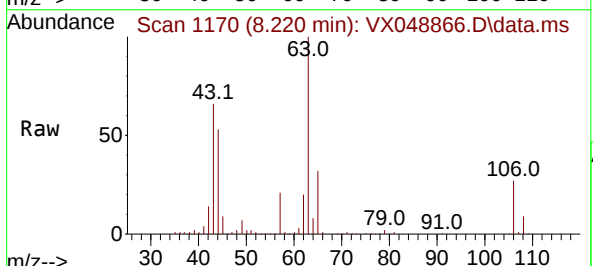
Acq: 15 Dec 2025 08:54

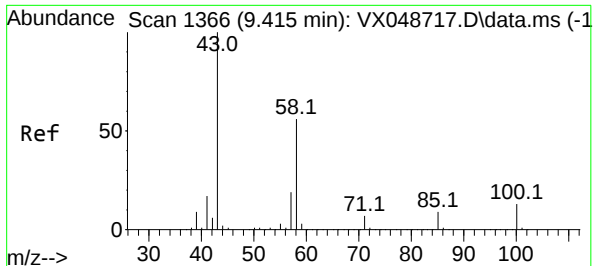
Tgt Ion: 63 Resp: 349347

Ion Ratio Lower Upper

63 100

106 28.0 23.4 35.2

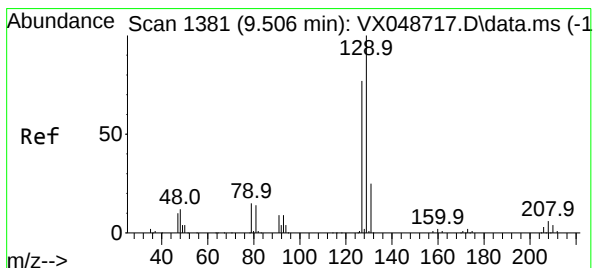
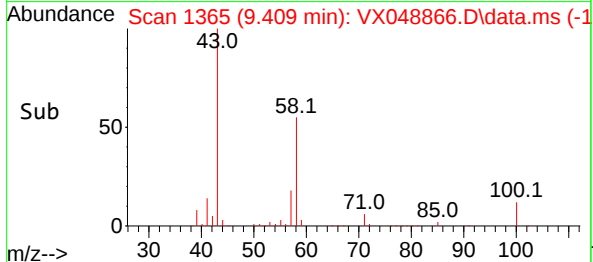
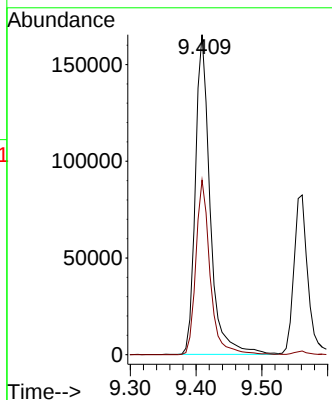
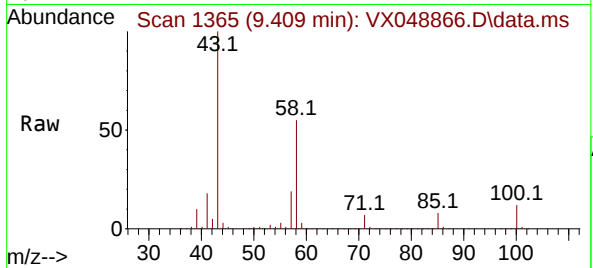




#59
2-Hexanone
Concen: 129.228 ug/l
RT: 9.409 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

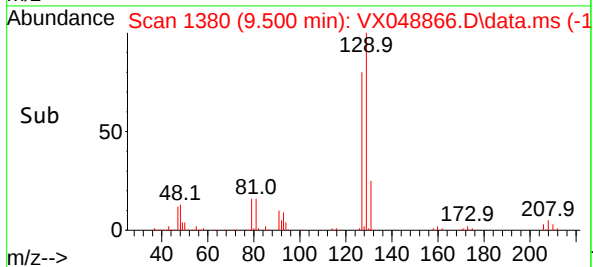
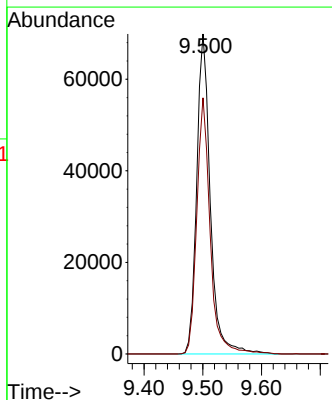
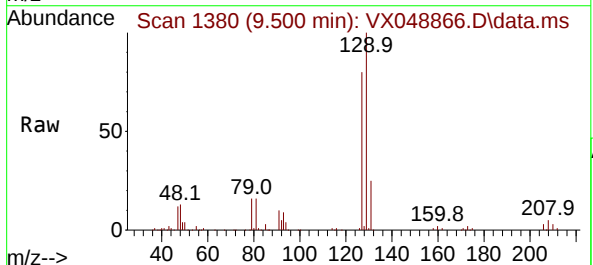
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

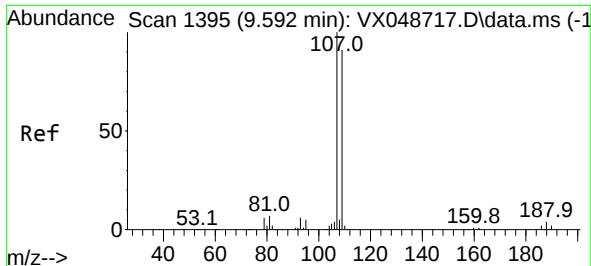
Tgt Ion: 43 Resp: 257040
Ion Ratio Lower Upper
43 100
58 53.0 27.8 83.4



#60
Dibromochloromethane
Concen: 50.139 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 129 Resp: 112507
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9

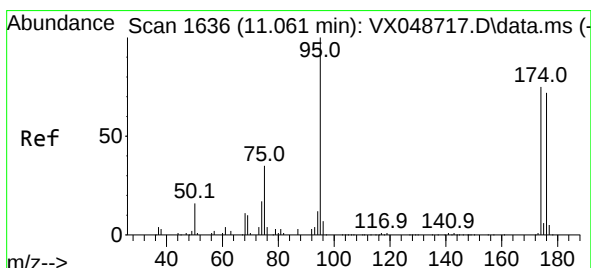
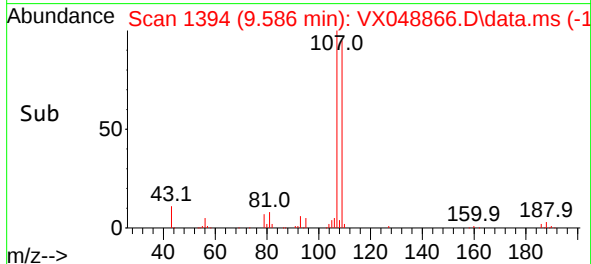
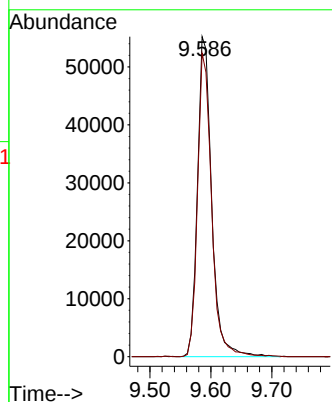
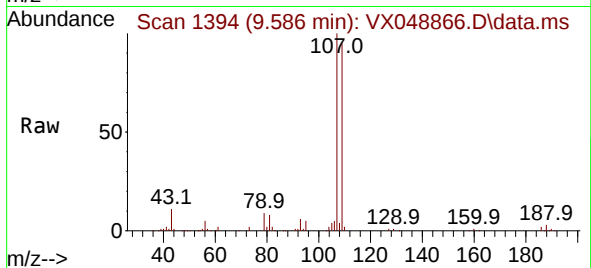




#61
1,2-Dibromoethane
Concen: 45.417 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

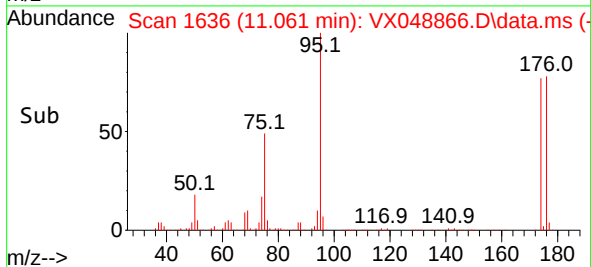
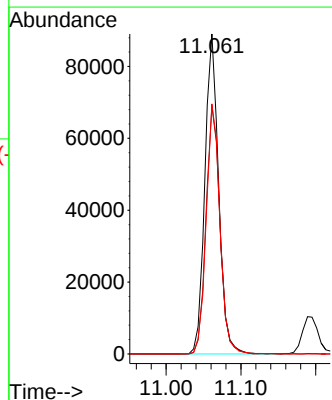
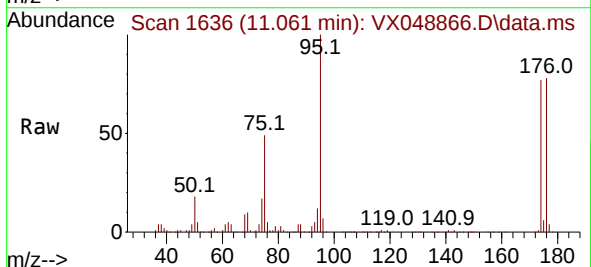
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

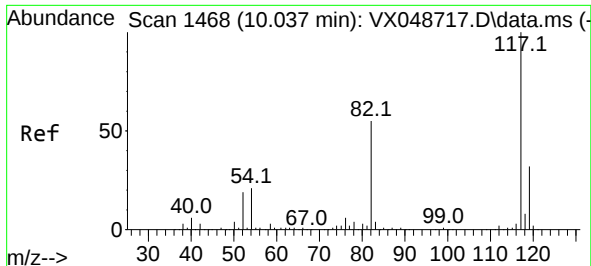
Tgt Ion:107 Resp: 89200
Ion Ratio Lower Upper
107 100
109 94.1 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 51.069 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 95 Resp: 113710
Ion Ratio Lower Upper
95 100
174 78.9 0.0 157.8
176 77.7 0.0 154.0

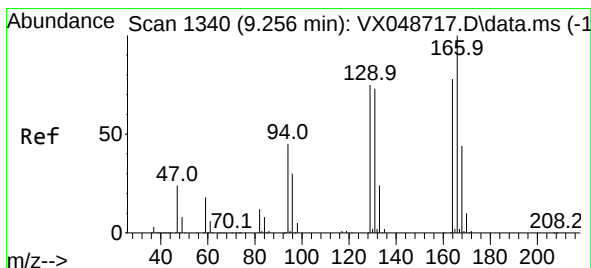
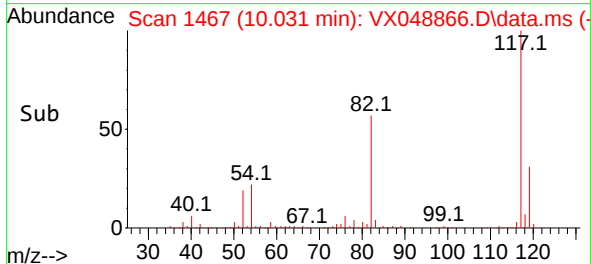
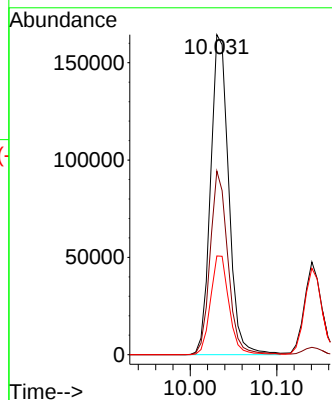
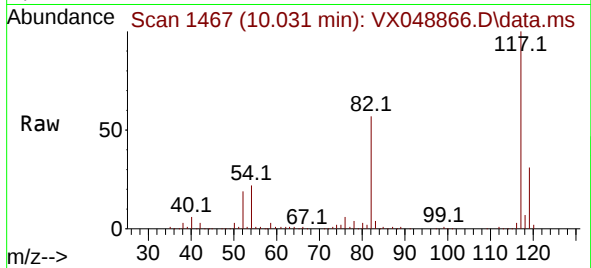




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.031 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

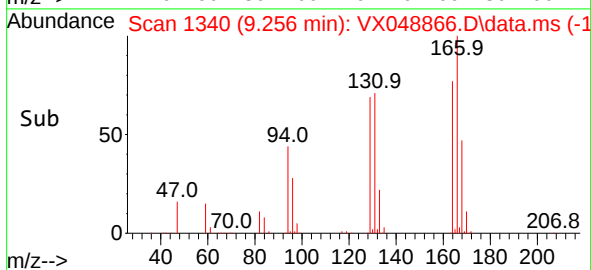
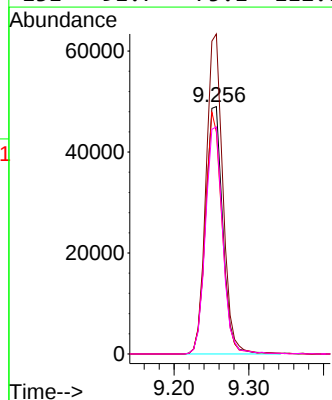
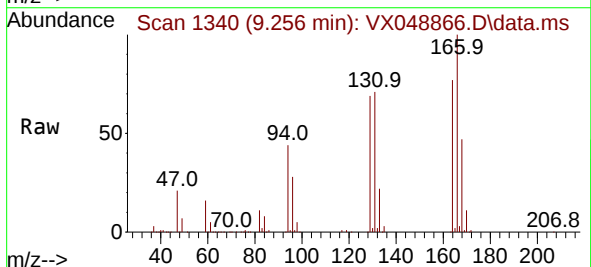
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

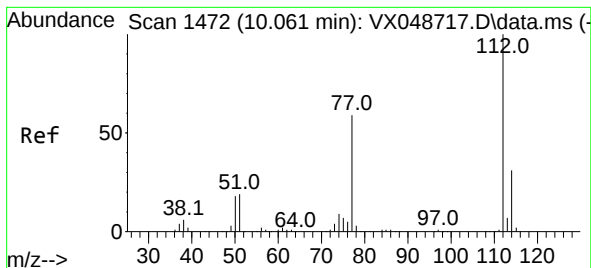
Tgt Ion:117 Resp: 239220
Ion Ratio Lower Upper
117 100
82 57.4 44.1 66.1
119 30.8 25.2 37.8



#64
Tetrachloroethene
Concen: 44.619 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion:164 Resp: 77802
Ion Ratio Lower Upper
164 100
166 129.3 103.1 154.7
129 89.7 76.9 115.3
131 91.7 75.1 112.7





#65

Chlorobenzene

Concen: 50.359 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

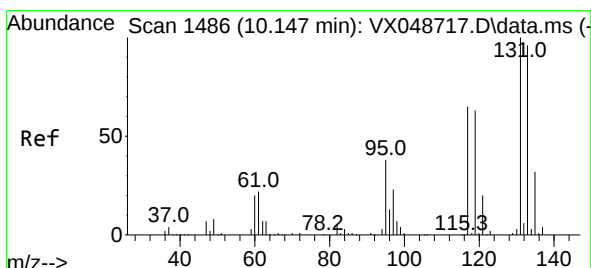
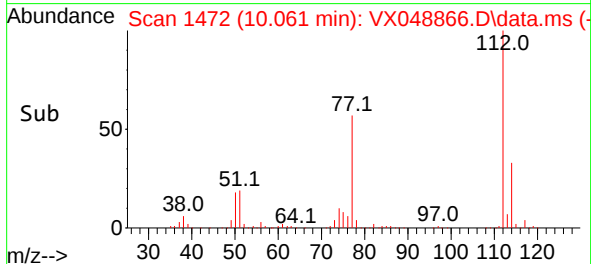
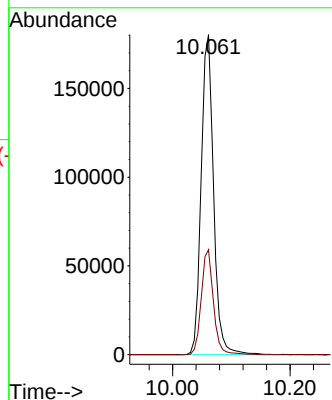
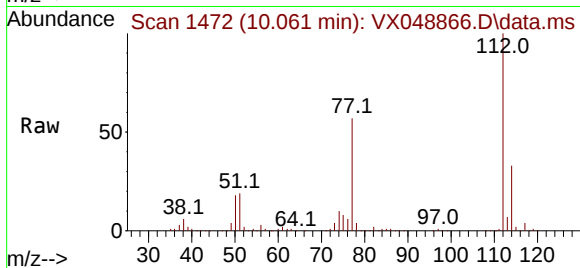
VSTDCCC050

Tgt Ion:112 Resp: 263692

Ion Ratio Lower Upper

112 100

114 32.8 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 51.839 ug/l

RT: 10.140 min Scan# 1485

Delta R.T. -0.006 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

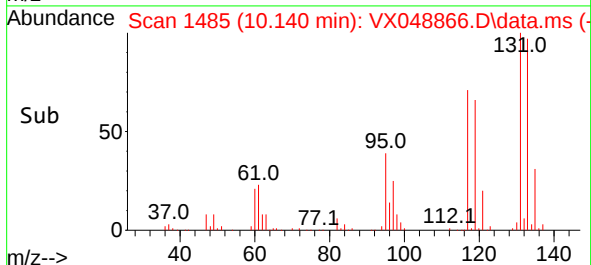
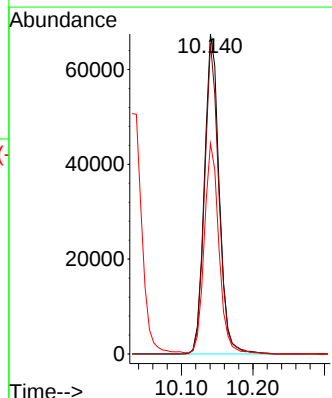
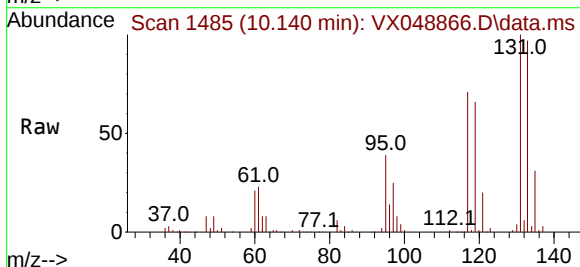
Tgt Ion:131 Resp: 97089

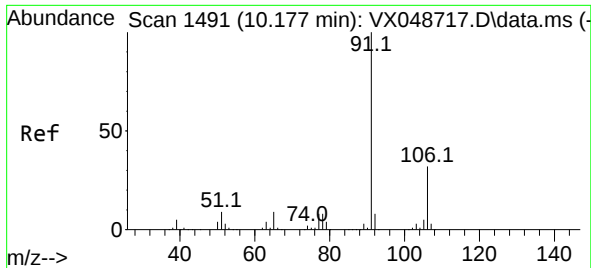
Ion Ratio Lower Upper

131 100

133 94.1 48.3 144.8

119 65.3 32.6 97.7





#67

Ethyl Benzene

Concen: 51.443 ug/l

RT: 10.171 min Scan# 1491

Delta R.T. -0.006 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

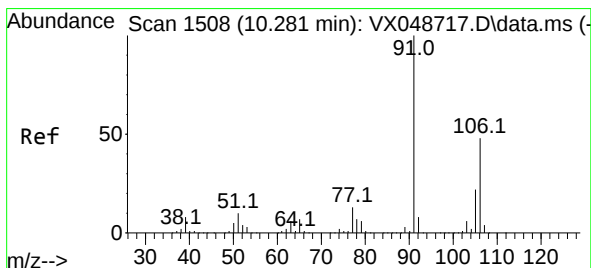
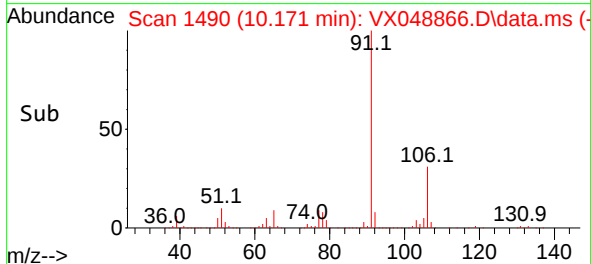
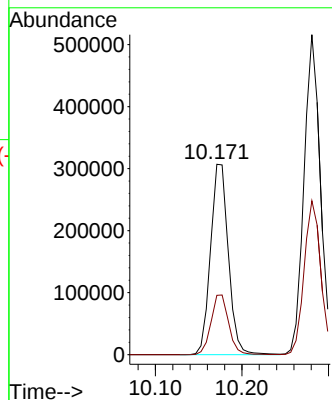
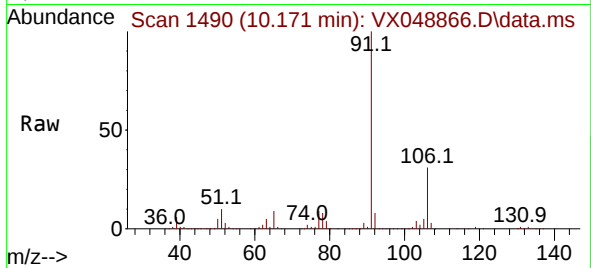
VSTDCCC050

Tgt Ion: 91 Resp: 439556

Ion Ratio Lower Upper

91 100

106 31.2 25.3 37.9



#68

m/p-Xylenes

Concen: 101.221 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VX048866.D

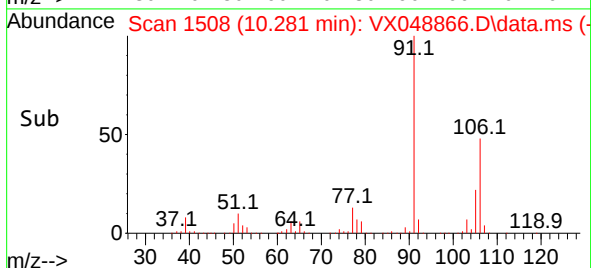
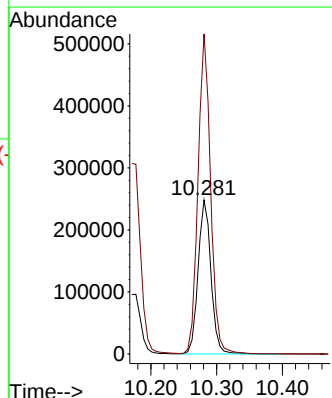
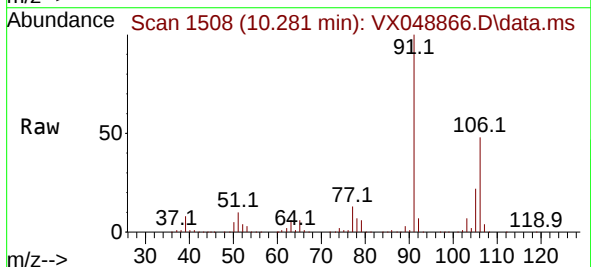
Acq: 15 Dec 2025 08:54

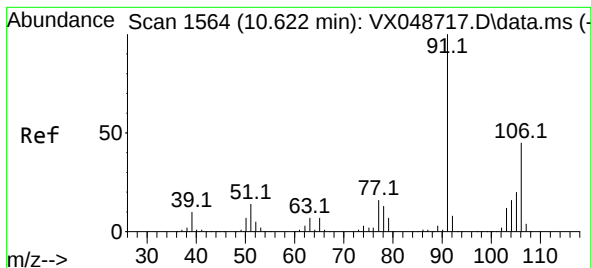
Tgt Ion:106 Resp: 336900

Ion Ratio Lower Upper

106 100

91 203.6 164.2 246.4





#69

o-Xylene

Concen: 52.027 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. 0.000 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

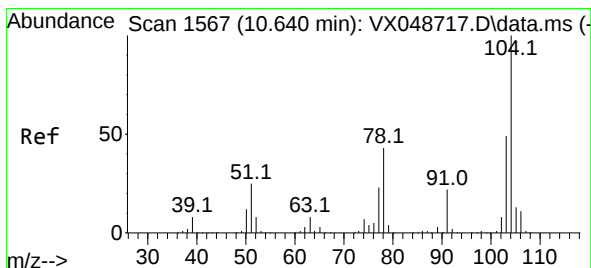
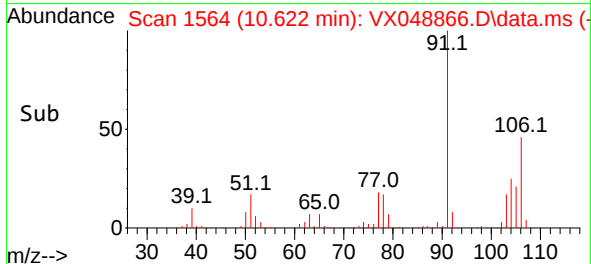
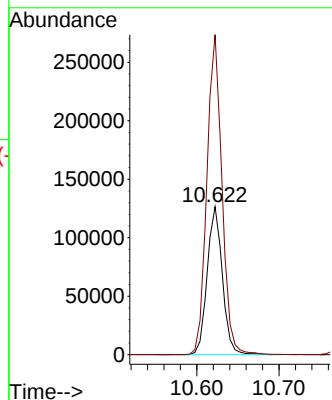
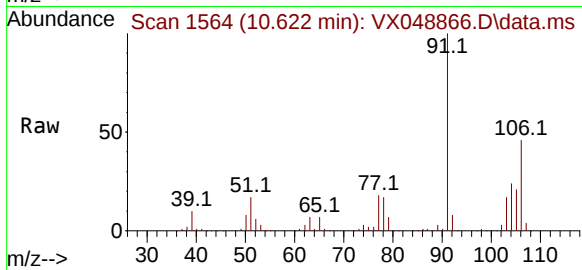
VSTDCCC050

Tgt Ion:106 Resp: 162263

Ion Ratio Lower Upper

106 100

91 215.3 108.1 324.3



#70

Styrene

Concen: 53.219 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

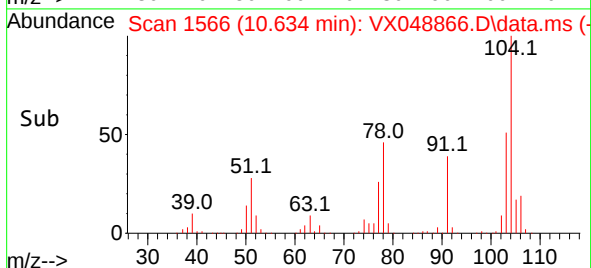
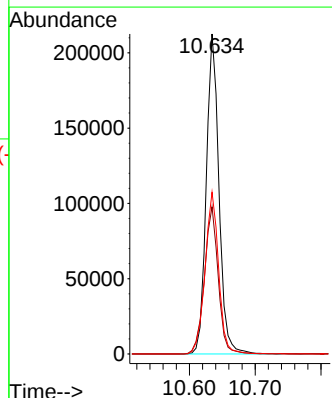
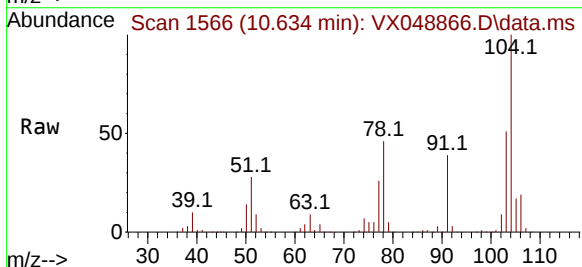
Tgt Ion:104 Resp: 284943

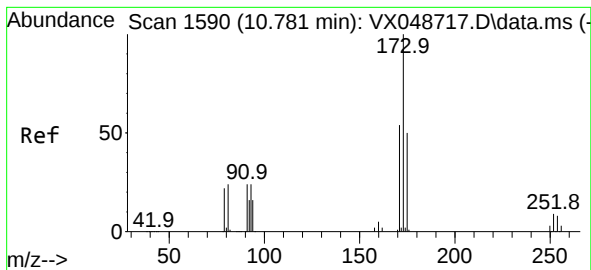
Ion Ratio Lower Upper

104 100

78 50.2 40.6 60.8

103 54.4 43.4 65.2





#71

Bromoform

Concen: 39.779 ug/l

RT: 10.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

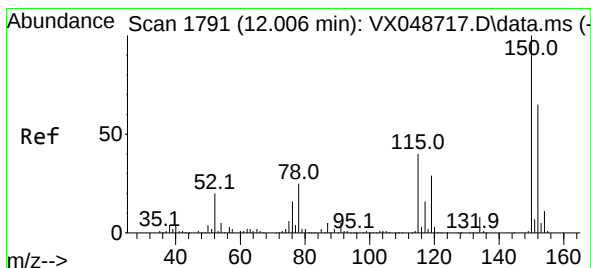
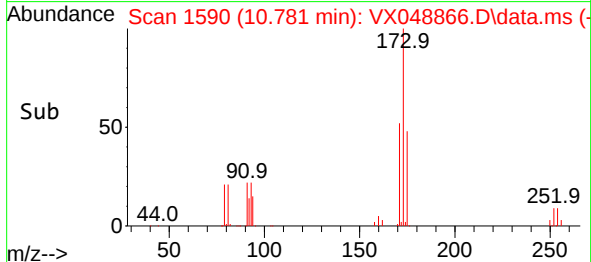
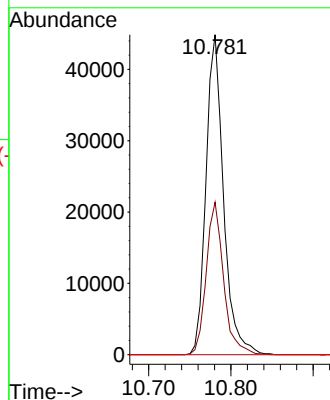
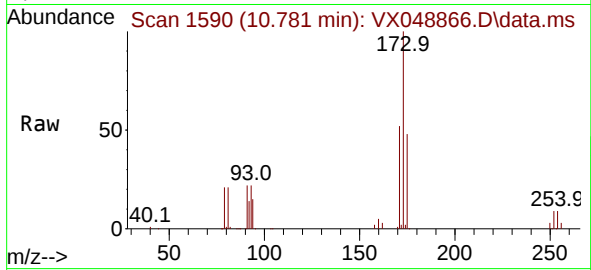
Tgt Ion:173 Resp: 66513

Ion Ratio Lower Upper

173 100

175 47.3 24.3 72.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.000 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

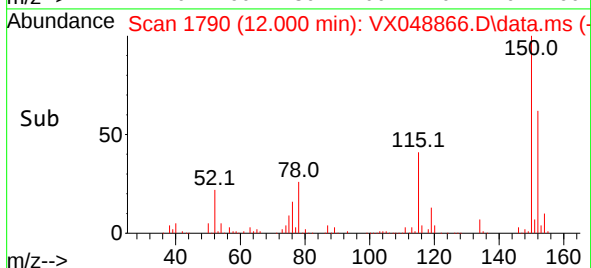
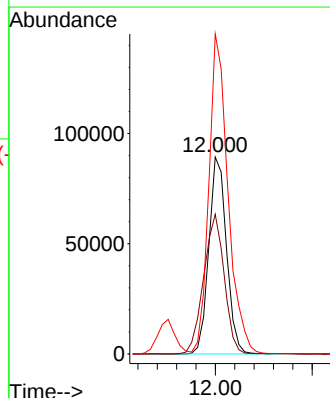
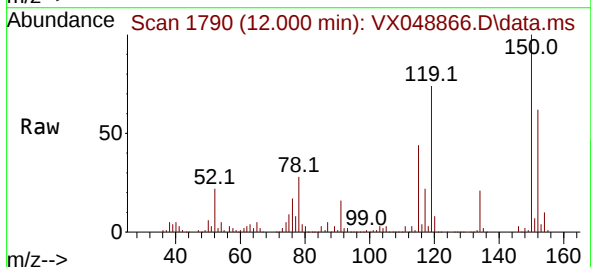
Tgt Ion:152 Resp: 113643

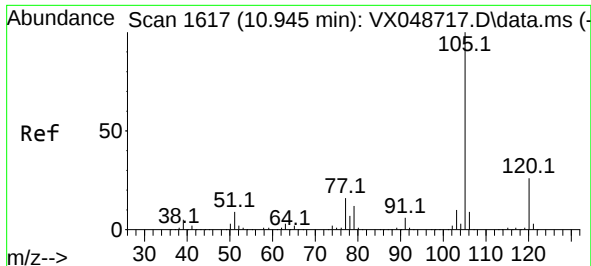
Ion Ratio Lower Upper

152 100

115 82.5 42.1 126.4

150 175.1 0.0 347.8

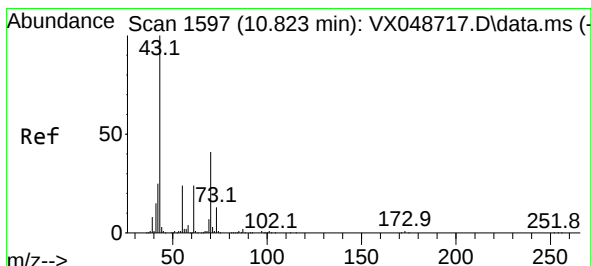
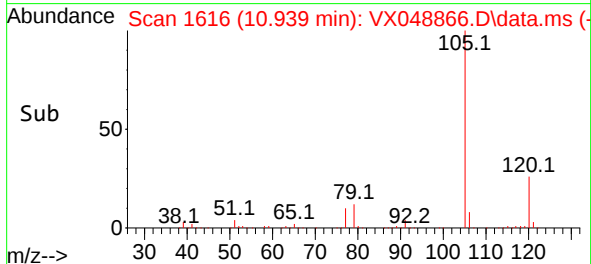
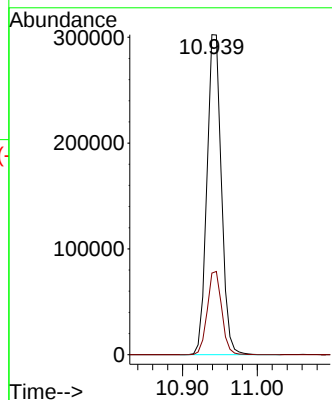
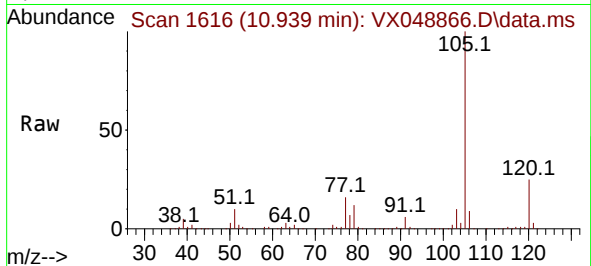




#73
Isopropylbenzene
Concen: 52.859 ug/l
RT: 10.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

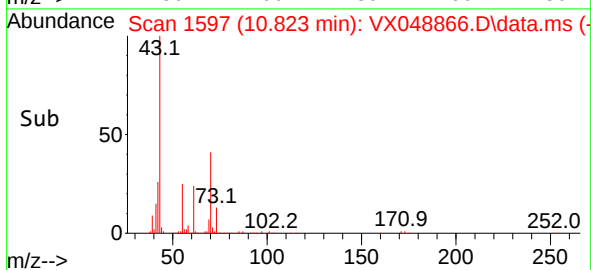
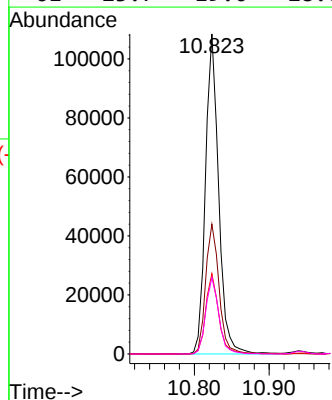
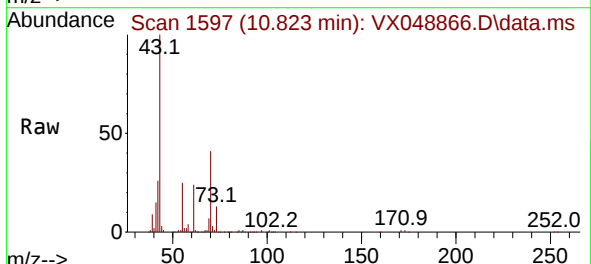
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

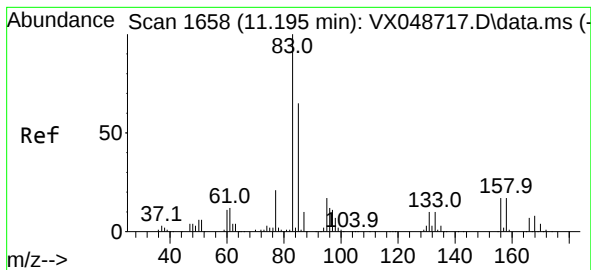
Tgt Ion:105 Resp: 404804
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5



#74
N-ethyl acetate
Concen: 39.866 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 43 Resp: 132653
Ion Ratio Lower Upper
43 100
70 41.4 33.9 50.9
55 24.8 19.1 28.7
61 23.7 19.0 28.6

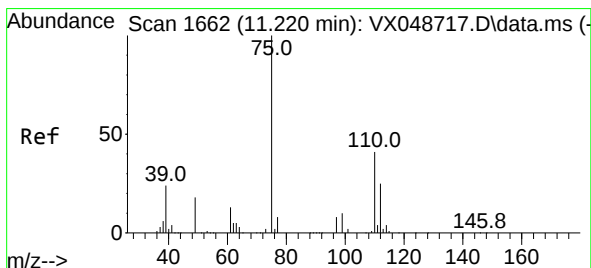
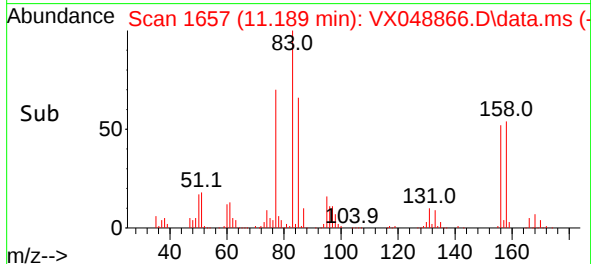
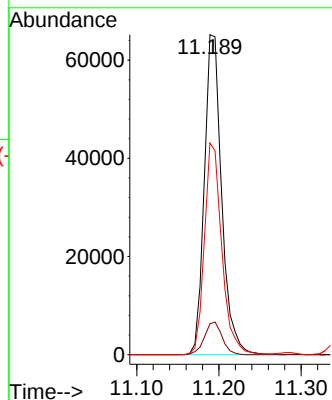
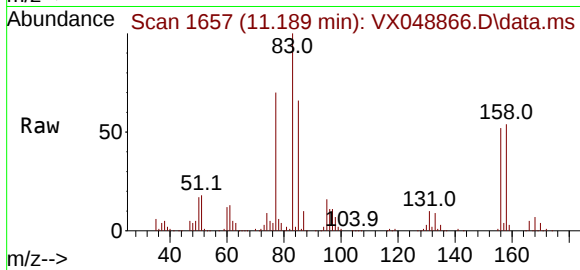




#75
 1,1,2,2-Tetrachloroethane
 Concen: 36.990 ug/l
 RT: 11.189 min Scan# 1657
 Delta R.T. -0.006 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

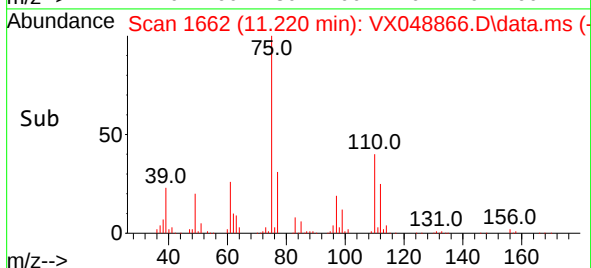
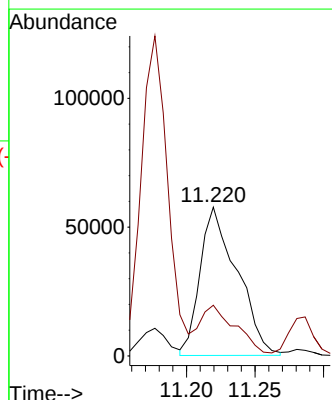
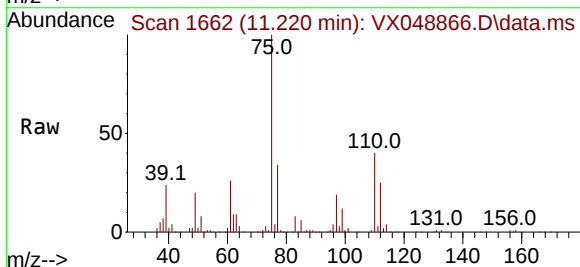
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

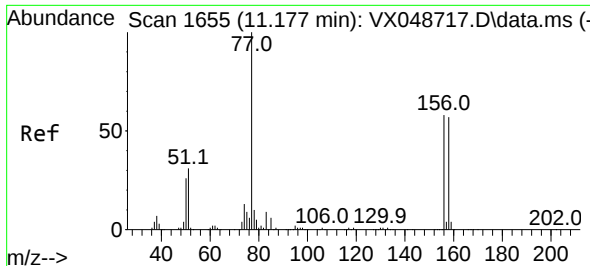
Tgt Ion: 83 Resp: 95582
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.9 14.7
 85 66.3 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 51.246 ug/l
 RT: 11.220 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

Tgt Ion: 75 Resp: 108469
 Ion Ratio Lower Upper
 75 100
 77 33.9 24.3 73.0

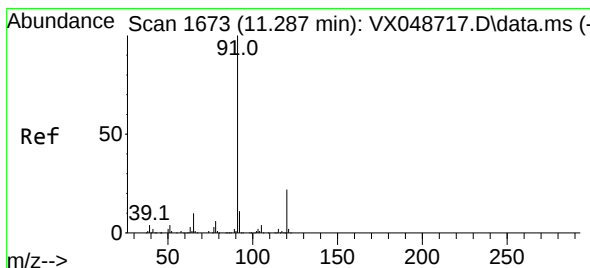
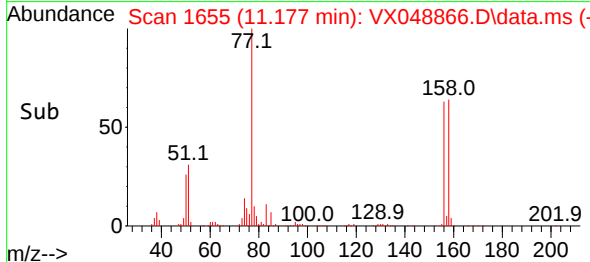
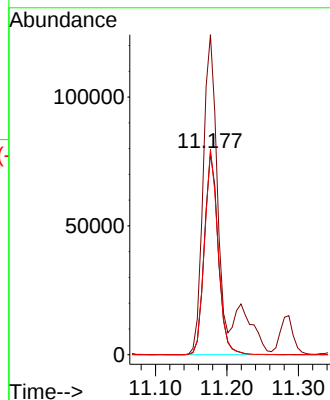
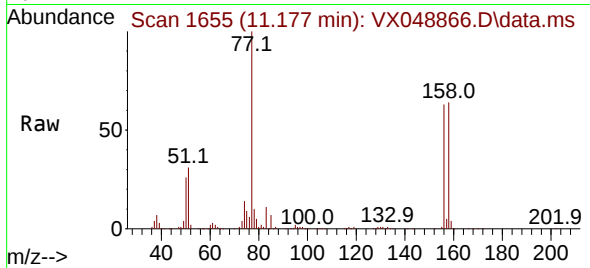




#77
Bromobenzene
Concen: 51.542 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

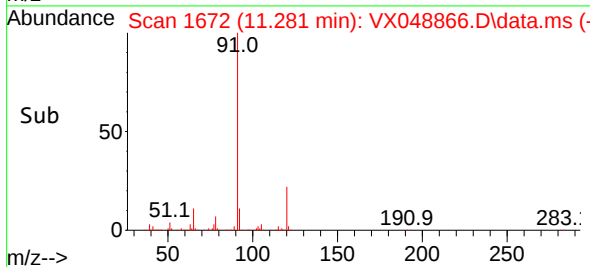
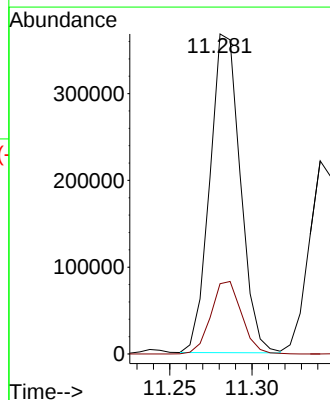
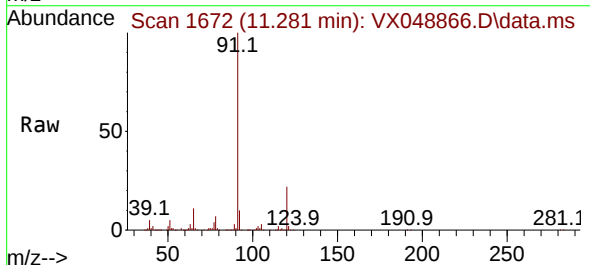
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

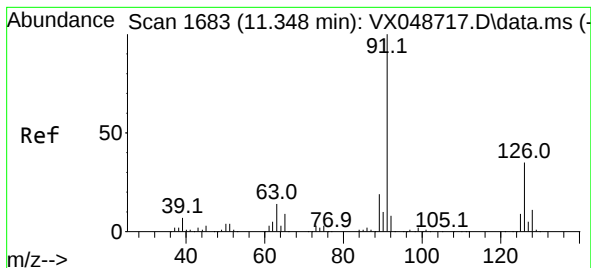
Tgt Ion:156 Resp: 105354
Ion Ratio Lower Upper
156 100
77 159.9 80.3 240.9
158 99.6 48.9 146.6



#78
n-propylbenzene
Concen: 53.448 ug/l
RT: 11.281 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 91 Resp: 474060
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.2





#79

2-Chlorotoluene

Concen: 53.474 ug/l

RT: 11.341 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

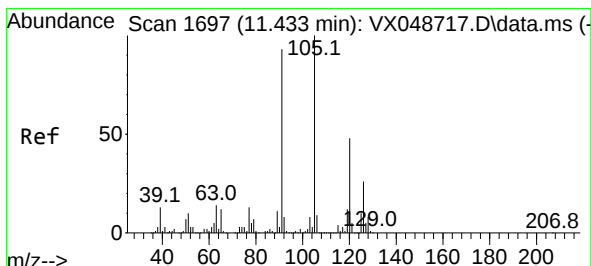
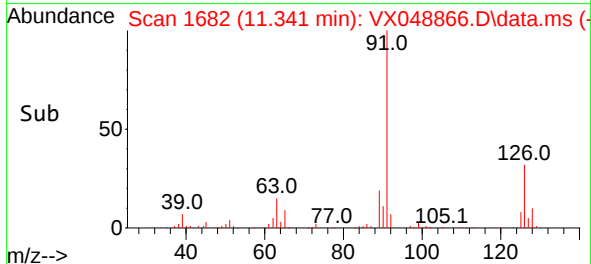
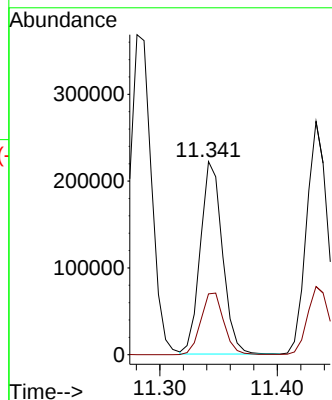
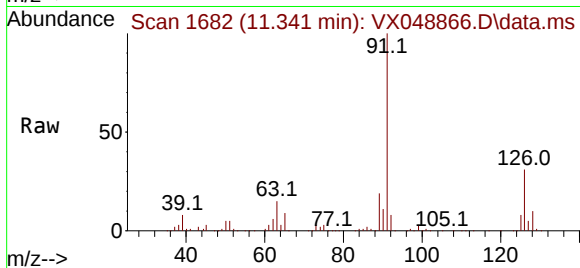
VSTDCCC050

Tgt Ion: 91 Resp: 289221

Ion Ratio Lower Upper

91 100

126 33.3 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 52.608 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048866.D

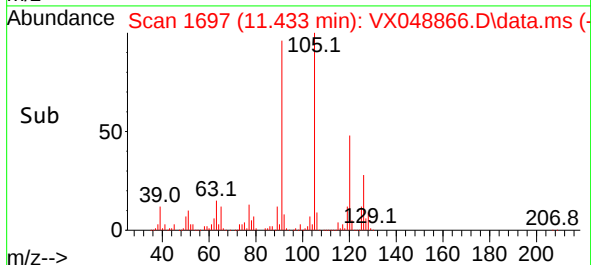
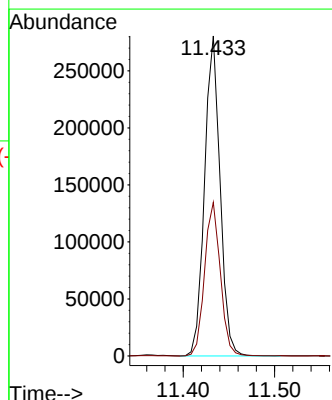
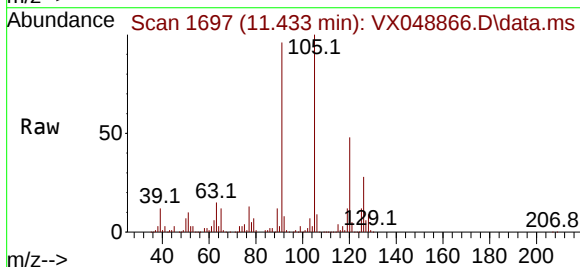
Acq: 15 Dec 2025 08:54

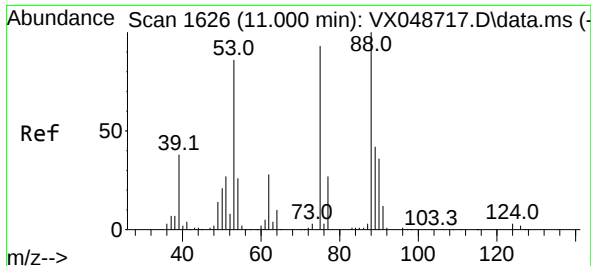
Tgt Ion:105 Resp: 331163

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2

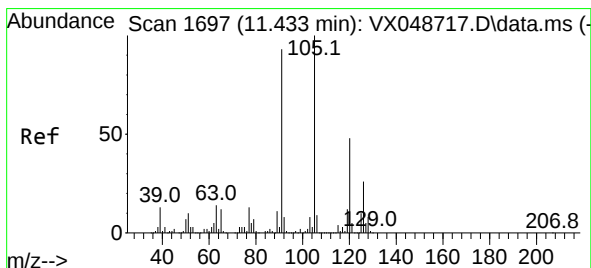
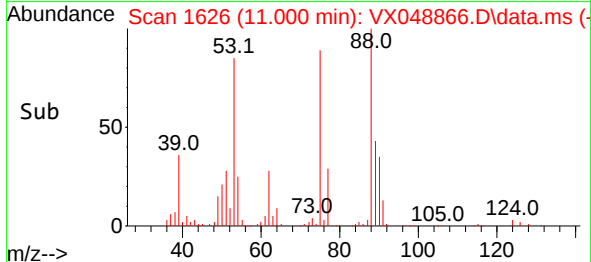
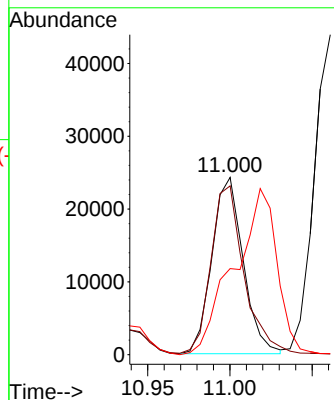
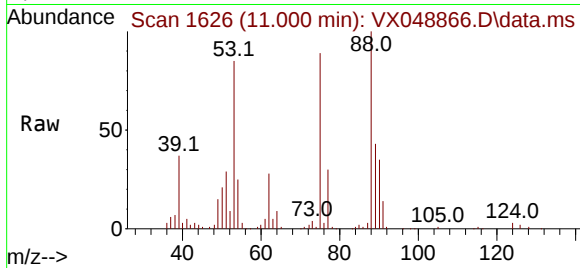




#81
trans-1,4-Dichloro-2-butene
Concen: 35.868 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

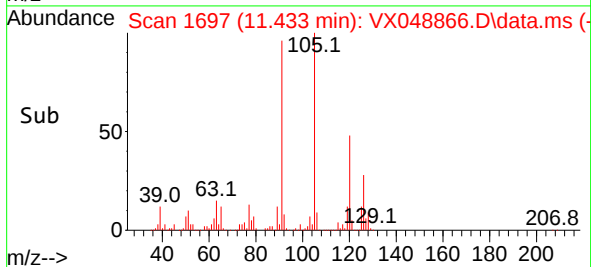
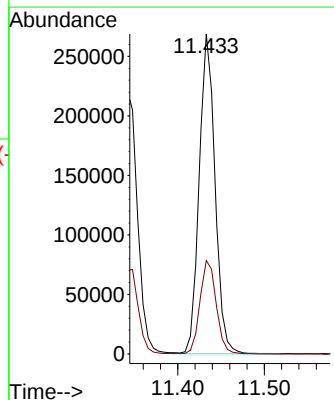
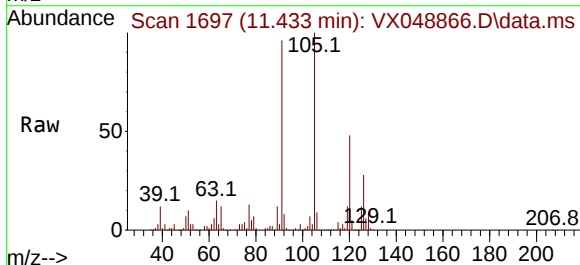
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

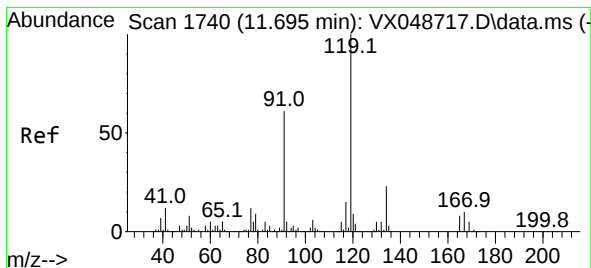
Tgt Ion: 75 Resp: 31961
Ion Ratio Lower Upper
75 100
53 102.6 79.9 119.9
89 130.3 67.1 100.7#



#82
4-Chlorotoluene
Concen: 53.890 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 91 Resp: 340132
Ion Ratio Lower Upper
91 100
126 30.1 14.7 44.1





#83

tert-Butylbenzene

Concen: 50.063 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

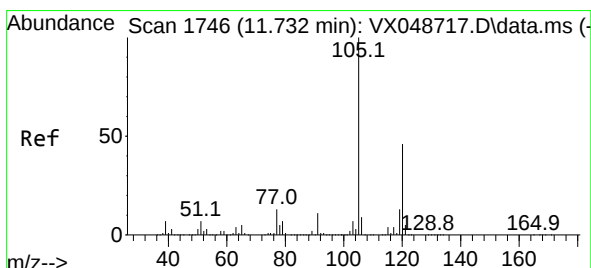
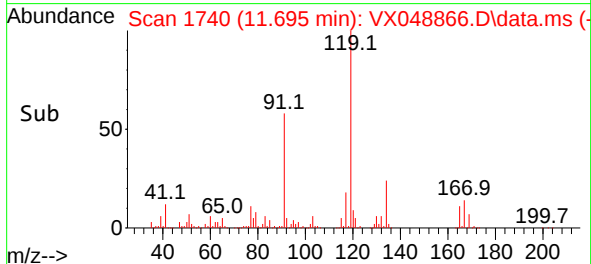
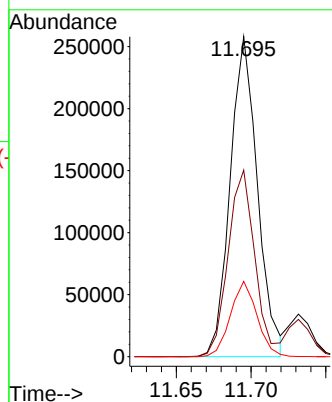
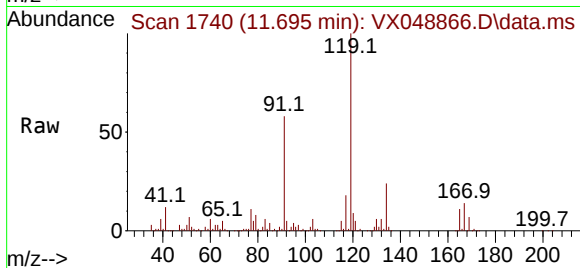
Tgt Ion:119 Resp: 327455

Ion Ratio Lower Upper

119 100

91 57.5 28.4 85.2

134 23.0 11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 52.992 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048866.D

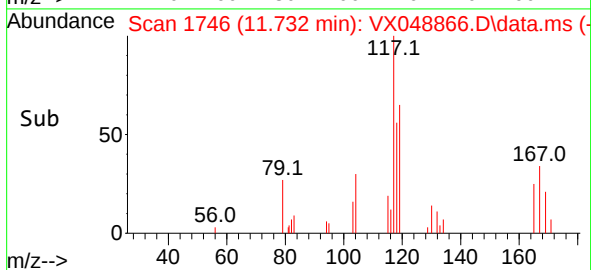
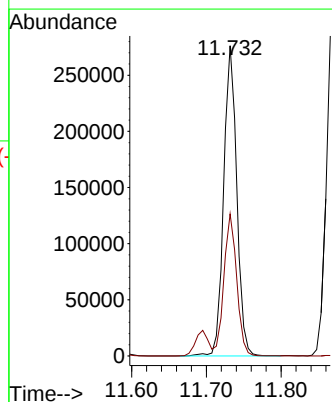
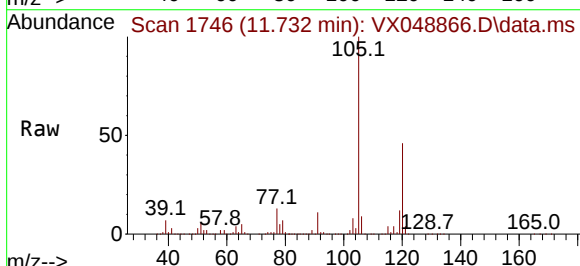
Acq: 15 Dec 2025 08:54

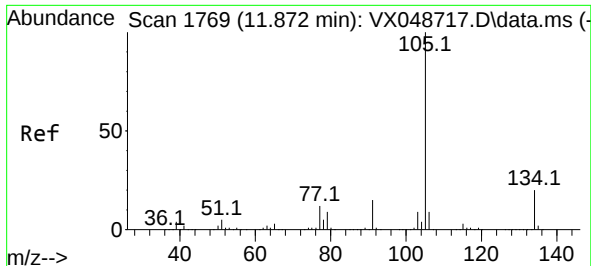
Tgt Ion:105 Resp: 336496

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.8

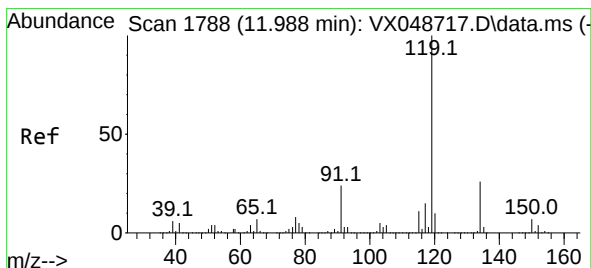
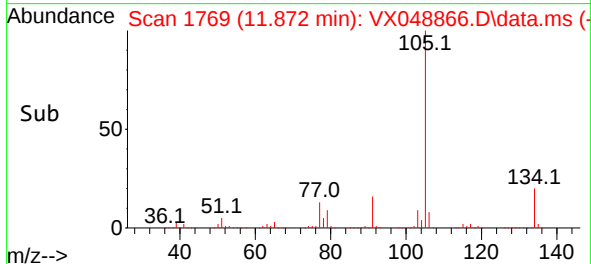
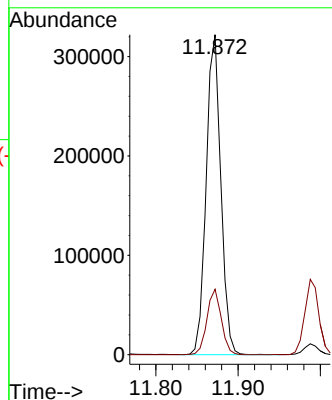
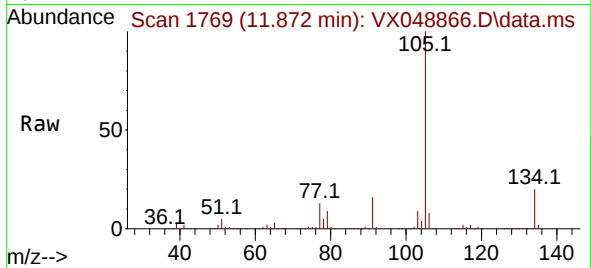




#85
 sec-Butylbenzene
 Concen: 50.154 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

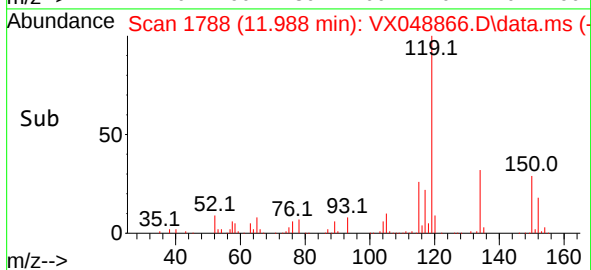
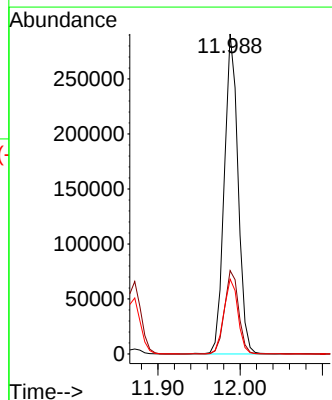
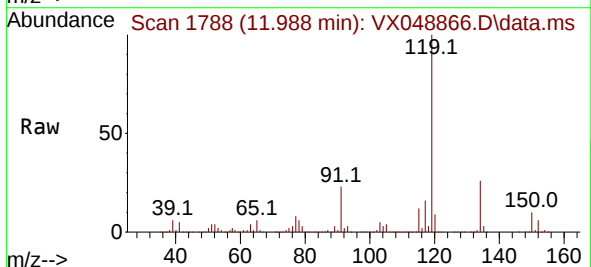
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

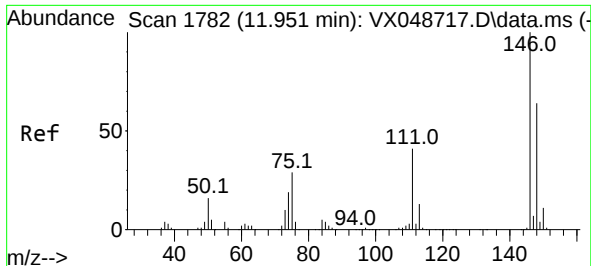
Tgt Ion:105 Resp: 397572
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.101 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

Tgt Ion:119 Resp: 339473
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 23.8 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 51.044 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

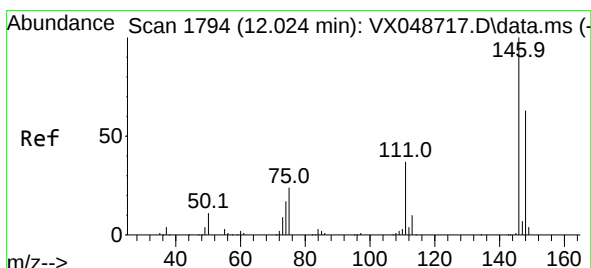
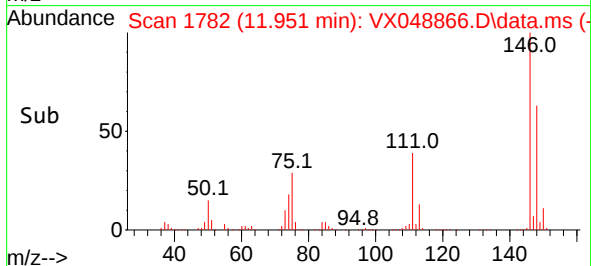
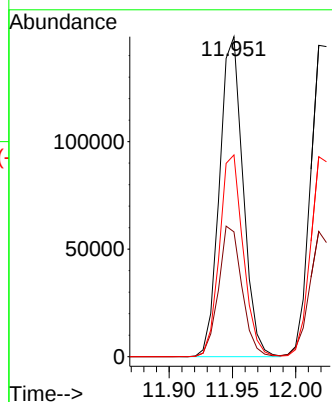
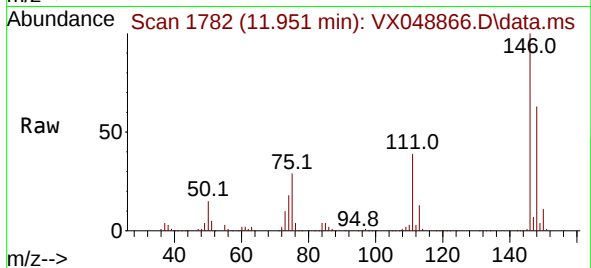
Tgt Ion:146 Resp: 192340

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

148 63.5 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 49.861 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX048866.D

Acq: 15 Dec 2025 08:54

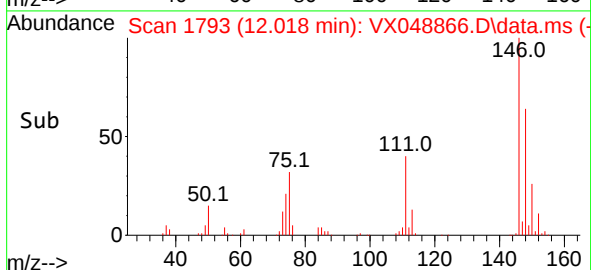
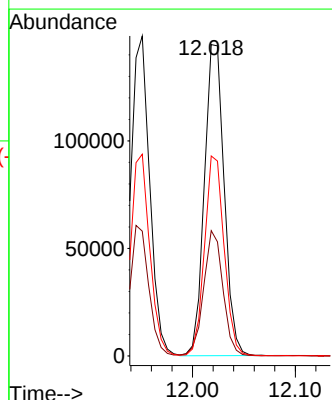
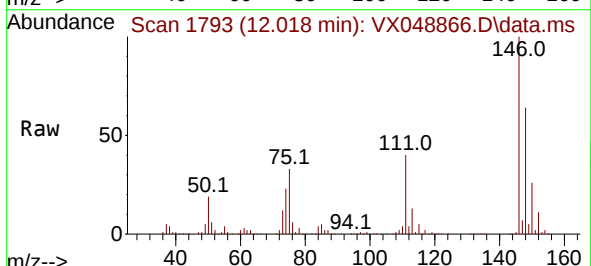
Tgt Ion:146 Resp: 194154

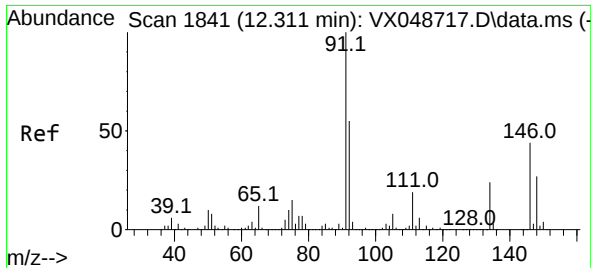
Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

148 63.6 31.6 94.7

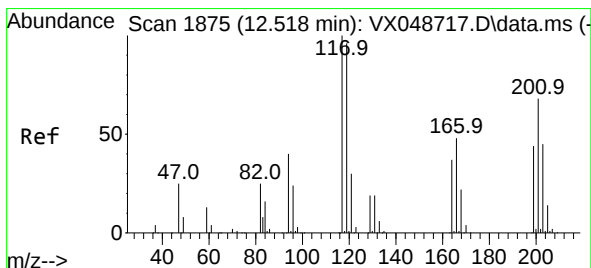
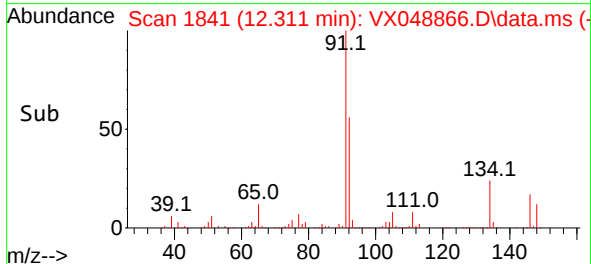
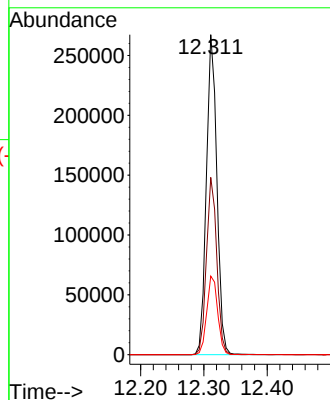
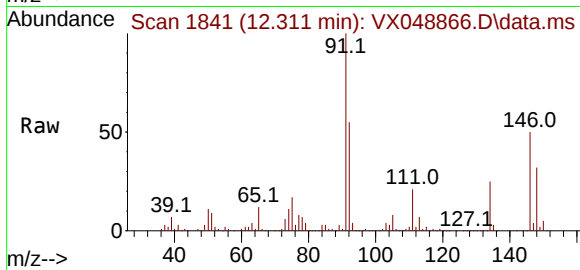




#89
n-Butylbenzene
Concen: 48.811 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

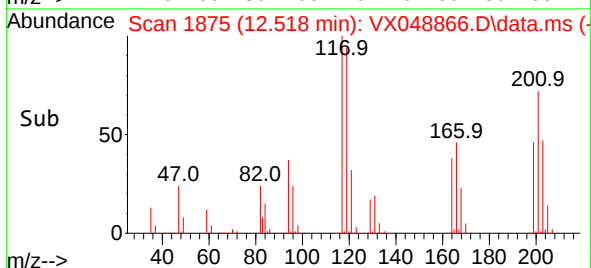
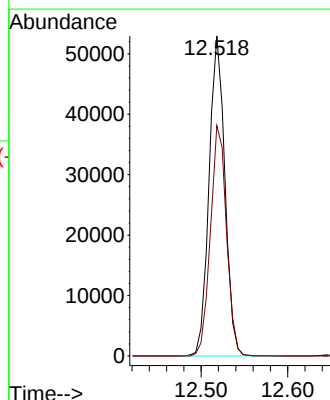
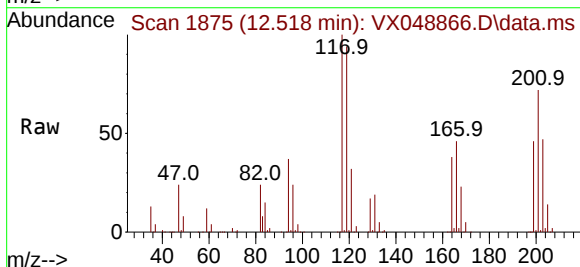
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

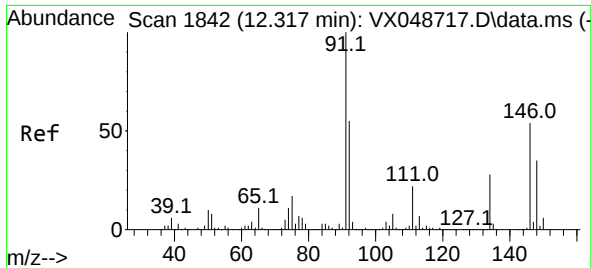
Tgt Ion: 91 Resp: 309663
Ion Ratio Lower Upper
91 100
92 54.7 27.1 81.3
134 25.6 12.9 38.6



#90
Hexachloroethane
Concen: 48.527 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 117 Resp: 67110
Ion Ratio Lower Upper
117 100
201 73.2 36.4 109.1

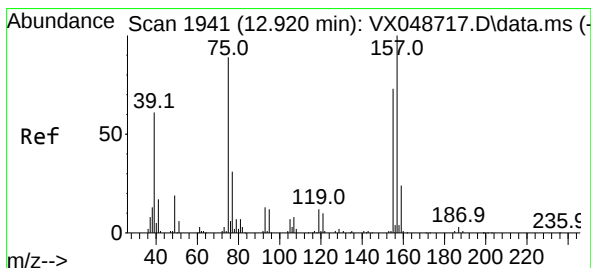
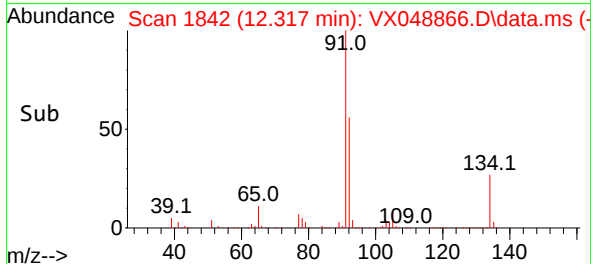
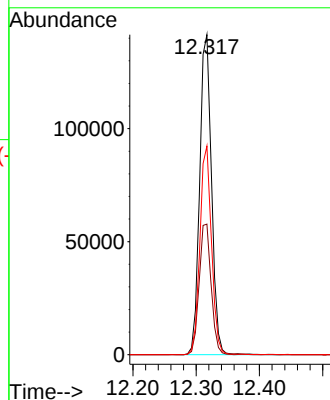
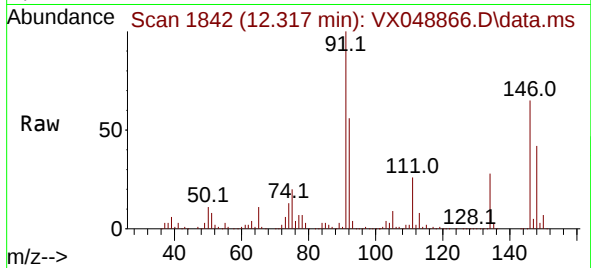




#91
1,2-Dichlorobenzene
Concen: 50.466 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

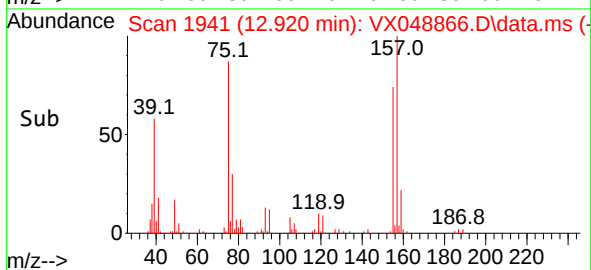
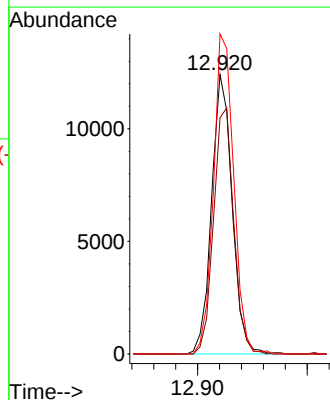
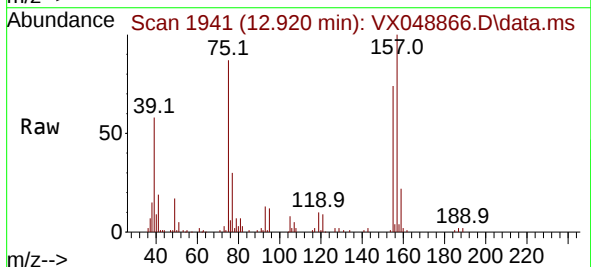
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

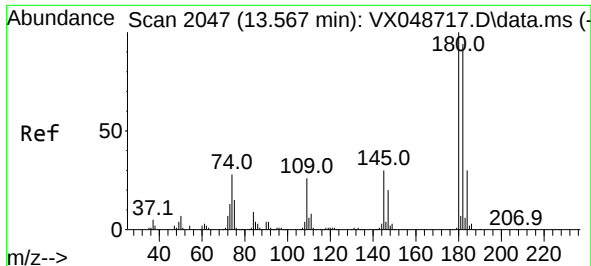
Tgt Ion:146 Resp: 184363
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.5
148 64.0 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.642 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion: 75 Resp: 16126
Ion Ratio Lower Upper
75 100
155 86.5 43.0 129.2
157 113.0 56.0 168.2

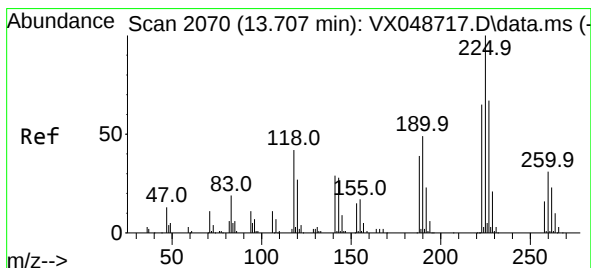
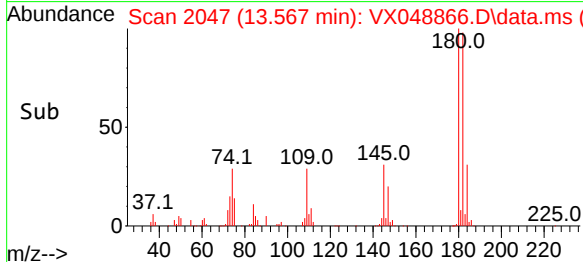
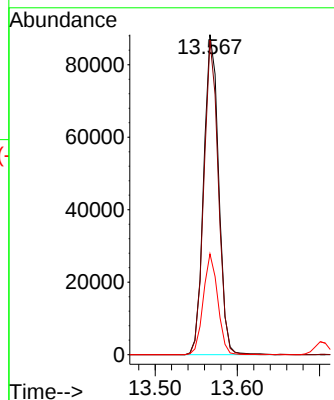
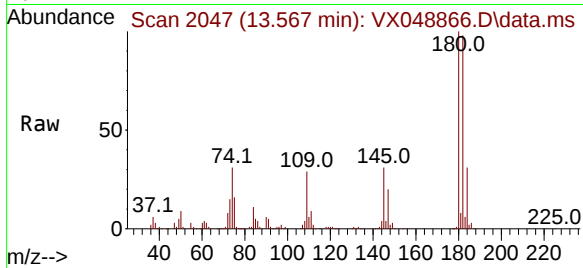




#93
 1,2,4-Trichlorobenzene
 Concen: 46.035 ug/l
 RT: 13.567 min Scan# 2047
 Delta R.T. 0.000 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

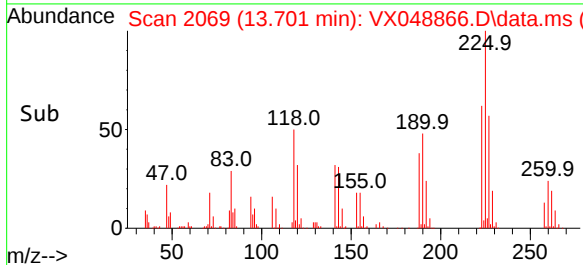
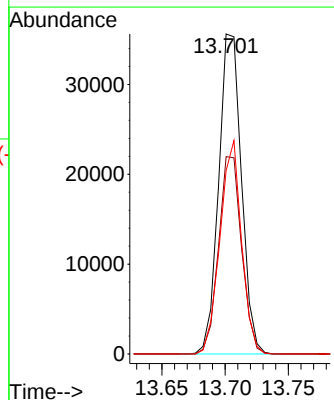
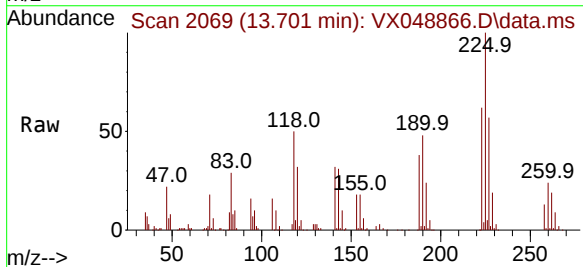
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

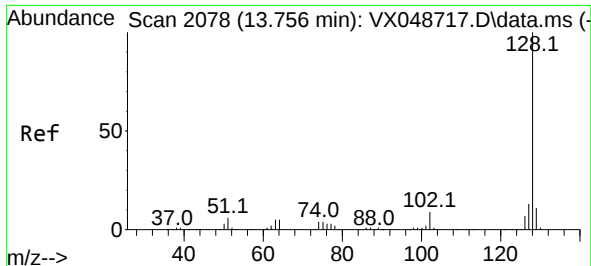
Tgt Ion:180 Resp: 111071
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.9 140.8
 145 30.5 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 44.593 ug/l
 RT: 13.701 min Scan# 2069
 Delta R.T. -0.006 min
 Lab File: VX048866.D
 Acq: 15 Dec 2025 08:54

Tgt Ion:225 Resp: 44504
 Ion Ratio Lower Upper
 225 100
 223 62.4 33.0 98.9
 227 63.0 32.9 98.7

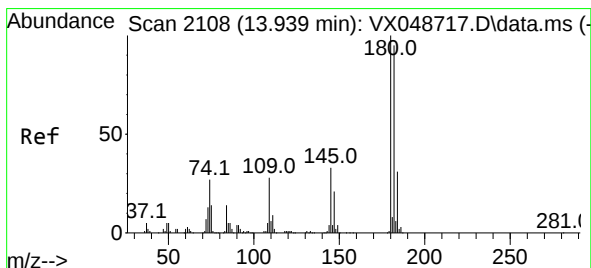
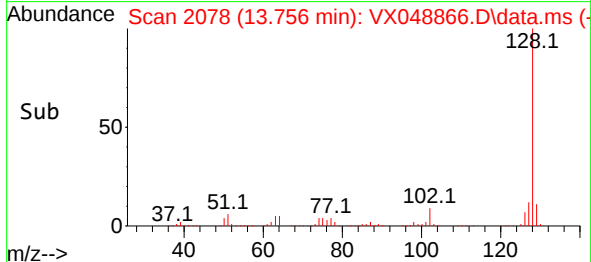
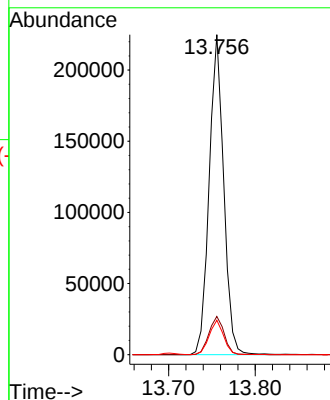
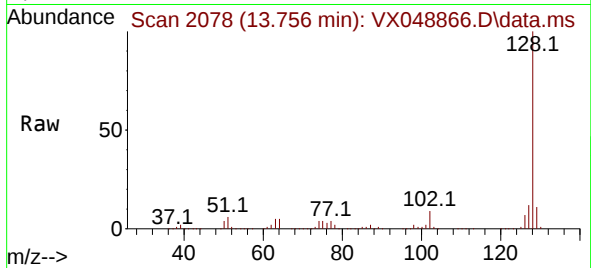




#95
Naphthalene
Concen: 39.703 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 261628
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 43.276 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048866.D
Acq: 15 Dec 2025 08:54

Tgt Ion:180 Resp: 96295
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.2
145 32.1 16.6 49.8

