

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048198.D
 Acq On : 17 Oct 2025 08:45
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 17 23:49:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 17 23:49:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	171106	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	292010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	113449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	2572	0.970	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	1.940%#
35) Dibromofluoromethane	5.367	113	1867	0.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	1.840%#
50) Toluene-d8	8.635	98	6341	0.869	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	1.740%#
62) 4-Bromofluorobenzene	11.061	95	2786	1.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.100%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	1902	1.059	ug/l	85
3) Chloromethane	1.301	50	2156	0.991	ug/l	100
4) Vinyl Chloride	1.380	62	2166	0.945	ug/l	97
5) Bromomethane	1.624	94	2204	1.469	ug/l	92
6) Chloroethane	1.697	64	1533	1.051	ug/l #	88
7) Trichlorofluoromethane	1.898	101	3645	1.013	ug/l	93
8) Diethyl Ether	2.136	74	1265	1.031	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	2189	1.080	ug/l	95
10) Methyl Iodide	2.459	142	1794	0.739	ug/l #	82
11) Tert butyl alcohol	2.922	59	923	5.248	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	2050	1.034	ug/l	96
13) Acrolein	2.233	56	1516	4.101	ug/l	98
14) Allyl chloride	2.666	41	3528	0.989	ug/l	98
15) Acrylonitrile	3.062	53	3141	3.727	ug/l #	84
16) Acetone	2.374	43	4860	5.375	ug/l #	88
17) Carbon Disulfide	2.514	76	6269	1.028	ug/l	98
18) Methyl Acetate	2.697	43	1737	0.943	ug/l #	89
19) Methyl tert-butyl Ether	3.105	73	5118	0.857	ug/l	96
20) Methylene Chloride	2.788	84	2083	0.946	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	1862	0.908	ug/l	94
22) Diisopropyl ether	3.745	45	6229	0.892	ug/l	93
23) Vinyl Acetate	3.715	43	20834	3.990	ug/l	95
24) 1,1-Dichloroethane	3.599	63	3755	0.948	ug/l #	91
25) 2-Butanone	4.550	43	4709	4.470	ug/l	95
26) 2,2-Dichloropropane	4.465	77	3528	1.042	ug/l	90
27) cis-1,2-Dichloroethene	4.471	96	1054	0.433	ug/l #	1
28) Bromochloromethane	4.891	49	1546	0.847	ug/l #	94
29) Tetrahydrofuran	5.007	42	2657	4.295	ug/l #	54
30) Chloroform	5.074	83	4243	1.017	ug/l #	78
31) Cyclohexane	5.452	56	2898	0.894	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	3326	0.970	ug/l #	47
36) 1,1-Dichloropropene	5.672	75	3360	1.177	ug/l	94
37) Ethyl Acetate	4.678	43	371	0.163	ug/l #	43
38) Carbon Tetrachloride	5.666	117	3807	1.162	ug/l	84
39) Methylcyclohexane	7.367	83	3061	0.951	ug/l	88
40) Benzene	6.019	78	8528	1.006	ug/l #	88

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	1015	0.831	ug/l #	60
42) 1,2-Dichloroethane	6.074	62	2953	0.972	ug/l	86
43) Isopropyl Acetate	6.318	43	3437	0.897	ug/l #	81
44) Trichloroethene	7.111	130	2174	1.018	ug/l	96
45) 1,2-Dichloropropane	7.415	63	2066	0.963	ug/l	96
46) Dibromomethane	7.562	93	1600	1.036	ug/l	89
47) Bromodichloromethane	7.806	83	3270	0.980	ug/l #	98
48) Methyl methacrylate	7.696	41	1734	0.884	ug/l	87
49) 1,4-Dioxane	7.665	88	265	15.015	ug/l #	38
51) 4-Methyl-2-Pentanone	8.555	43	9171	4.303	ug/l	94
52) Toluene	8.696	92	4761	0.934	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	2791	0.893	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	2948	0.865	ug/l #	84
55) 1,1,2-Trichloroethane	9.128	97	1817	0.956	ug/l #	79
56) Ethyl methacrylate	9.098	69	1866	0.722	ug/l #	73
57) 1,3-Dichloropropane	9.293	76	3153	0.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	4001	16.697	ug/l	98
59) 2-Hexanone	9.415	43	6190	4.152	ug/l	92
60) Dibromochloromethane	9.506	129	2113	0.888	ug/l	88
61) 1,2-Dibromoethane	9.598	107	1870	0.959	ug/l	99
64) Tetrachloroethene	9.256	164	2082	1.217	ug/l #	81
65) Chlorobenzene	10.061	112	5363	1.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	2180	1.134	ug/l #	64
67) Ethyl Benzene	10.177	91	8889	0.972	ug/l	99
68) m/p-Xylenes	10.287	106	6418	1.883	ug/l	100
69) o-Xylene	10.622	106	3094	0.964	ug/l	100
70) Styrene	10.640	104	4811	0.871	ug/l	97
71) Bromoform	10.781	173	1432	1.014	ug/l #	98
73) Isopropylbenzene	10.945	105	7339	0.930	ug/l	99
74) N-amyl acetate	10.829	43	2552	0.867	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.189	83	2360	1.056	ug/l	95
76) 1,2,3-Trichloropropane	11.220	75	2536	1.464	ug/l	80
77) Bromobenzene	11.183	156	2018	1.022	ug/l	96
78) n-propylbenzene	11.287	91	9298	0.972	ug/l	97
79) 2-Chlorotoluene	11.348	91	5779	1.000	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	5860	0.905	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.006	75	592	0.837	ug/l	88
82) 4-Chlorotoluene	11.439	91	6460	0.951	ug/l	99
83) tert-Butylbenzene	11.695	119	6501	0.993	ug/l	95
84) 1,2,4-Trimethylbenzene	11.732	105	5810	0.901	ug/l	99
85) sec-Butylbenzene	11.872	105	7990	0.999	ug/l	94
86) p-Isopropyltoluene	11.988	119	6330	0.939	ug/l	92
87) 1,3-Dichlorobenzene	11.951	146	3908	1.058	ug/l	99
88) 1,4-Dichlorobenzene	11.951	146	3908	1.021	ug/l	98
89) n-Butylbenzene	12.317	91	6382	1.016	ug/l	97
90) Hexachloroethane	12.518	117	1666	1.171	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	3611	1.035	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.927	75	450	1.102	ug/l	87
93) 1,2,4-Trichlorobenzene	13.573	180	2130	1.034	ug/l	97
94) Hexachlorobutadiene	13.707	225	1056	1.329	ug/l	86
95) Naphthalene	13.756	128	4447	0.819	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.945	180	1758	0.925	ug/l	89

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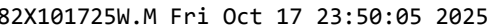
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

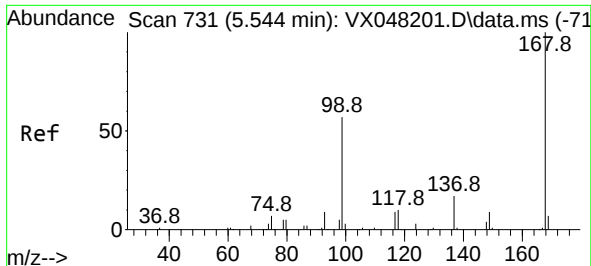
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

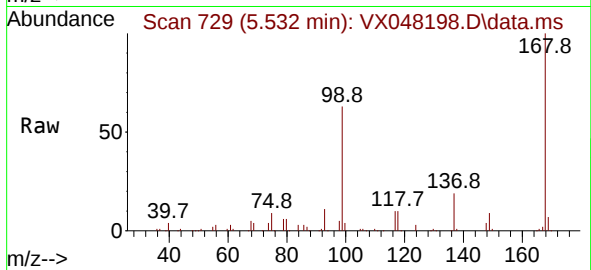
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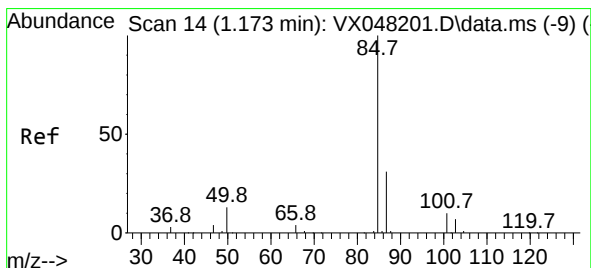
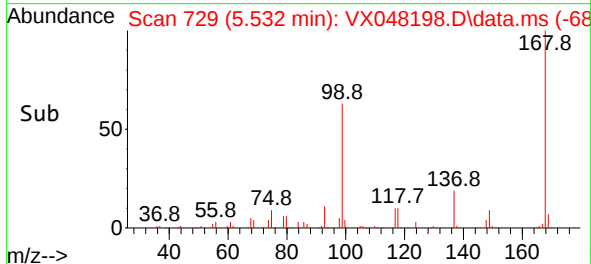
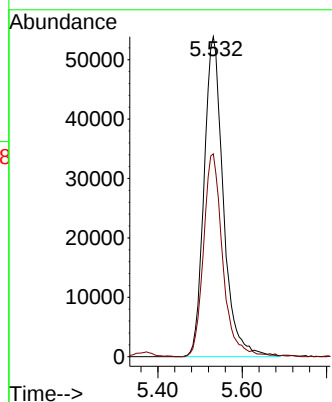


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
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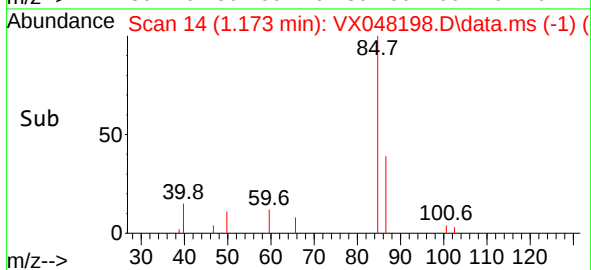
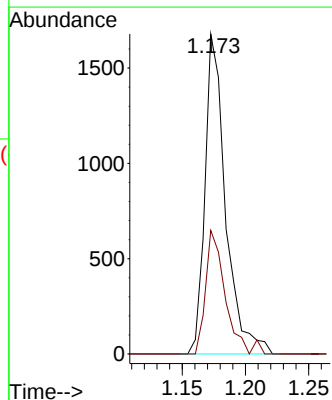
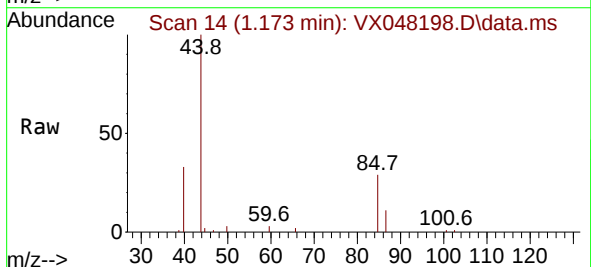


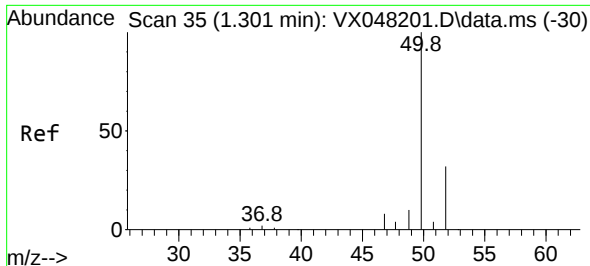
Tgt Ion:168 Resp: 171106
Ion Ratio Lower Upper
168 100
99 63.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 1.059 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 85 Resp: 1902
Ion Ratio Lower Upper
85 100
87 38.6 15.3 45.9

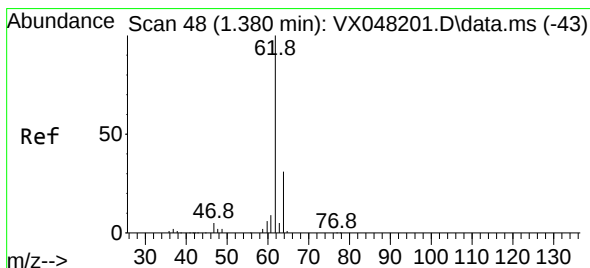
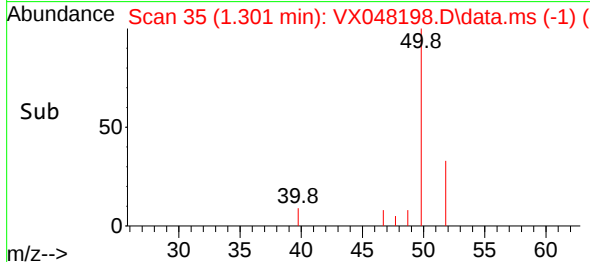
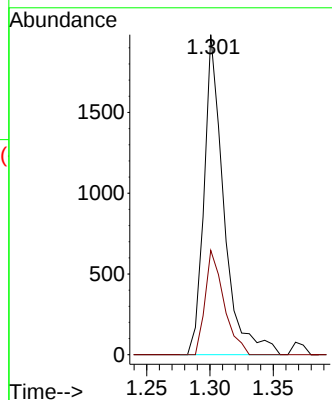
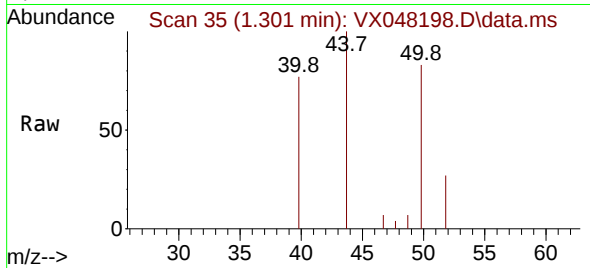




#3
Chloromethane
Concen: 0.991 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

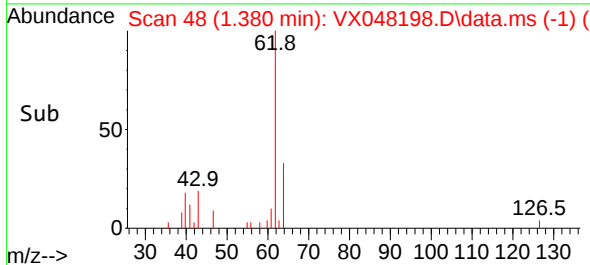
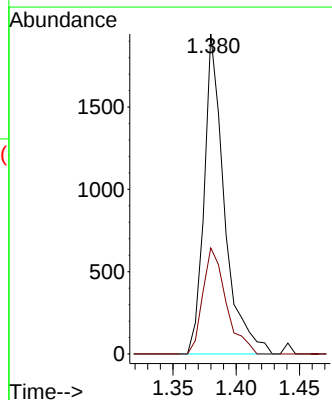
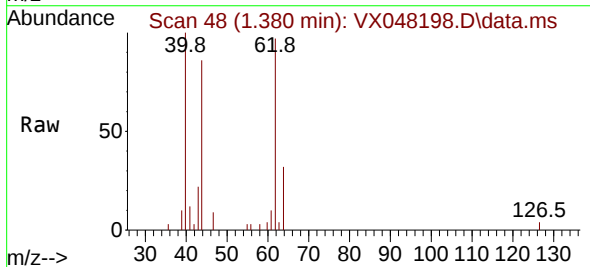
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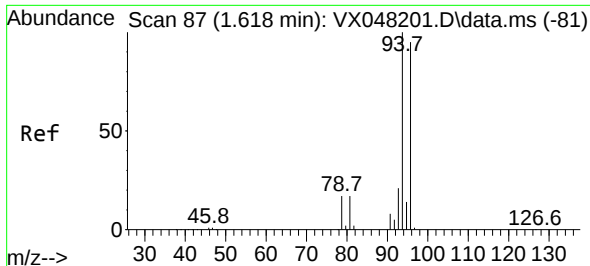
Tgt Ion: 50 Resp: 2156
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9



#4
Vinyl Chloride
Concen: 0.945 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 62 Resp: 2166
Ion Ratio Lower Upper
62 100
64 33.2 25.1 37.7

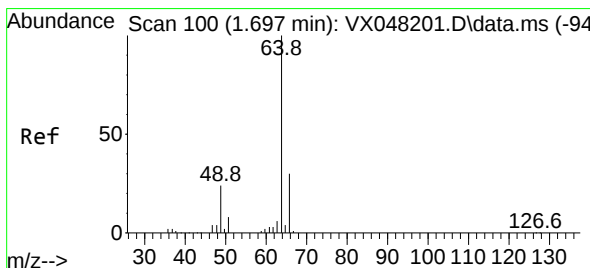
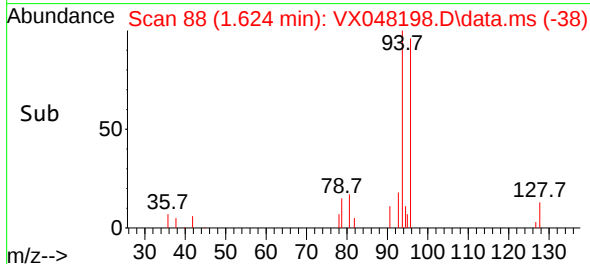
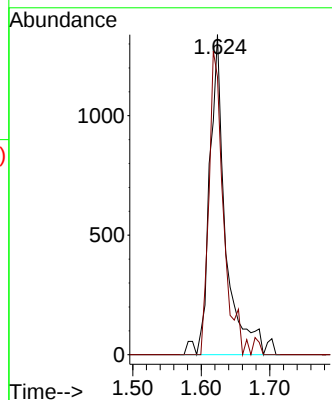
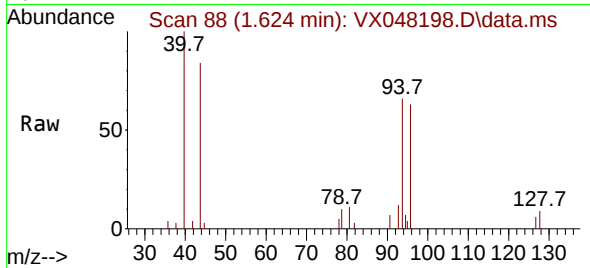




#5
Bromomethane
Concen: 1.469 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

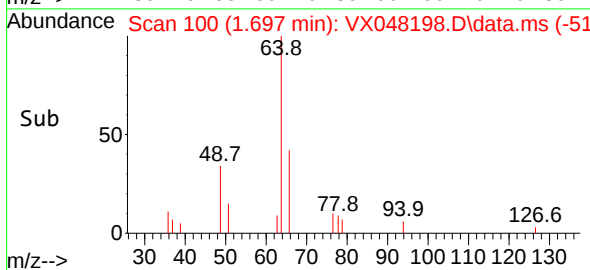
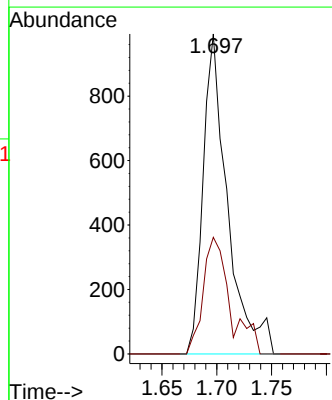
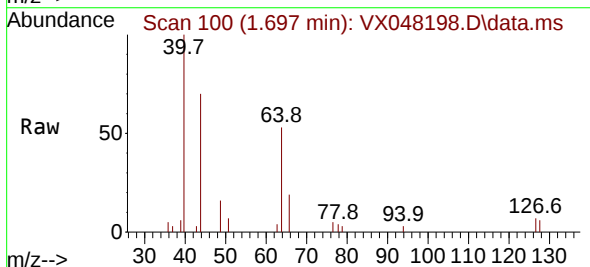
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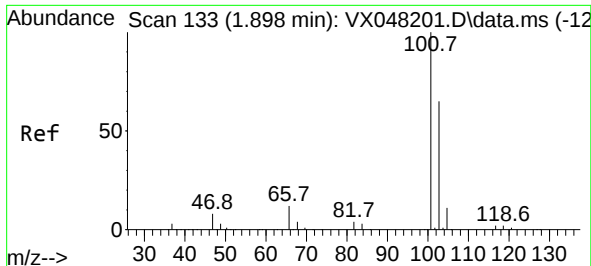
Tgt Ion: 94 Resp: 2204
Ion Ratio Lower Upper
94 100
96 86.8 76.0 114.0



#6
Chloroethane
Concen: 1.051 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 64 Resp: 1533
Ion Ratio Lower Upper
64 100
66 36.5 23.9 35.9#

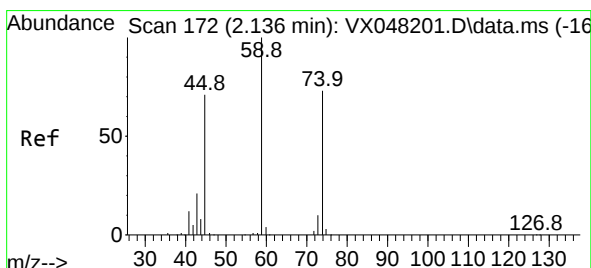
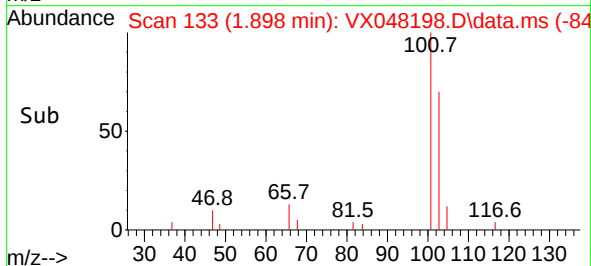
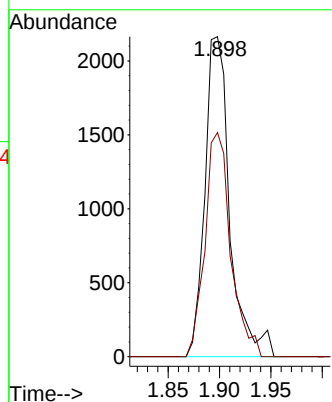
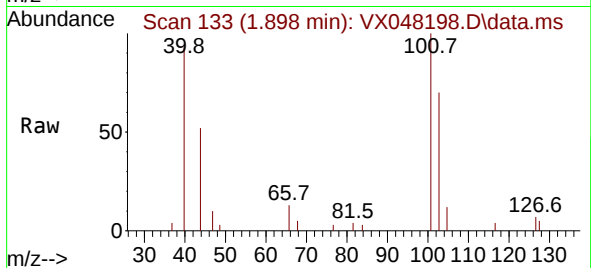




#7
 Trichlorofluoromethane
 Concen: 1.013 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048198.D
 Acq: 17 Oct 2025 08:45

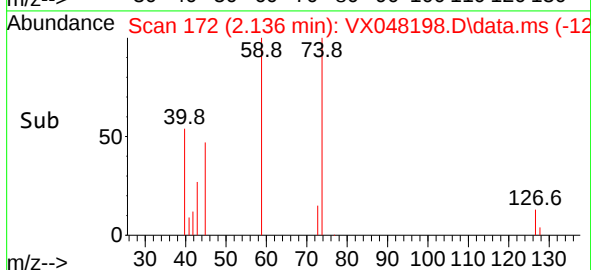
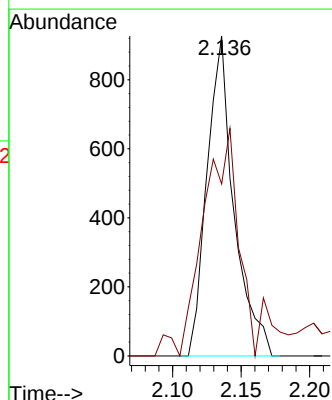
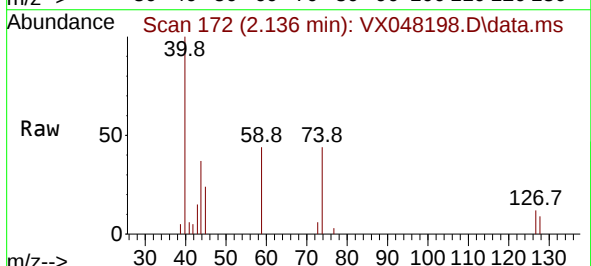
Instrument :
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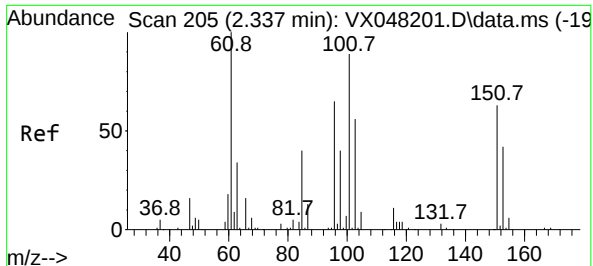
Tgt Ion:101 Resp: 3645
 Ion Ratio Lower Upper
 101 100
 103 70.1 51.6 77.4



#8
 Diethyl Ether
 Concen: 1.031 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048198.D
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Tgt Ion: 74 Resp: 1265
 Ion Ratio Lower Upper
 74 100
 45 93.2 50.0 149.8

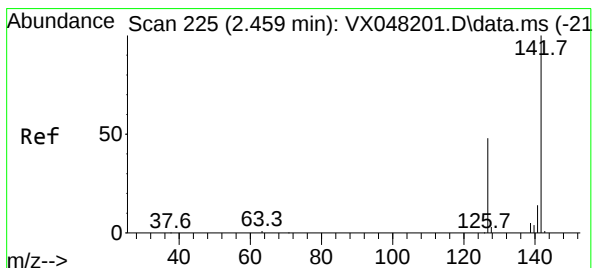
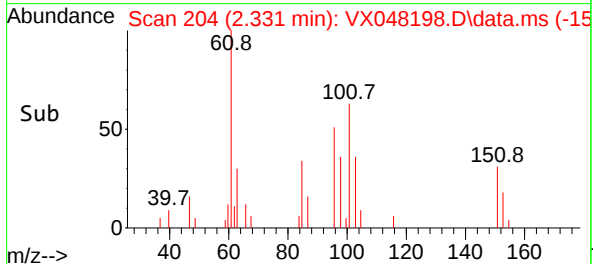
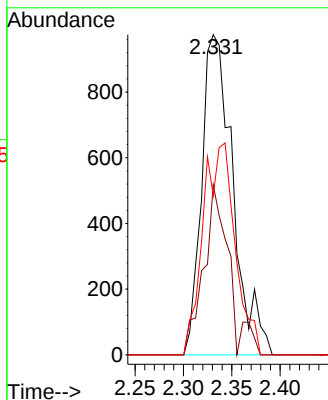
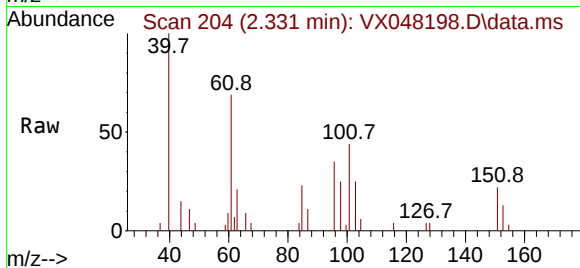




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.080 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

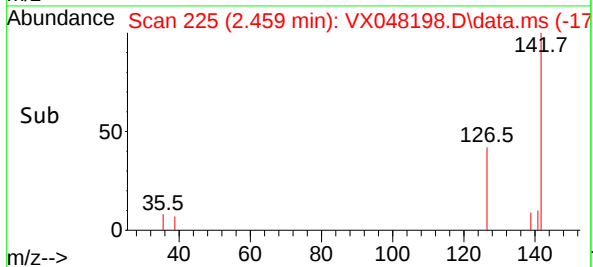
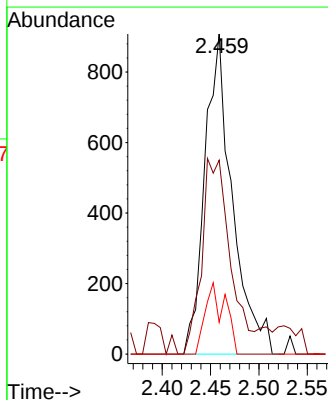
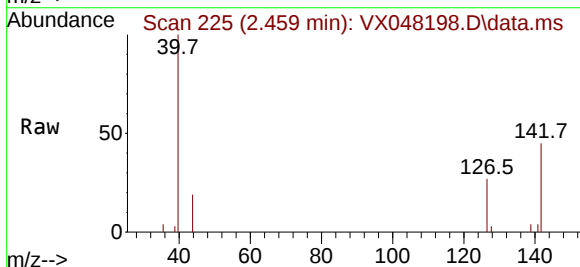
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

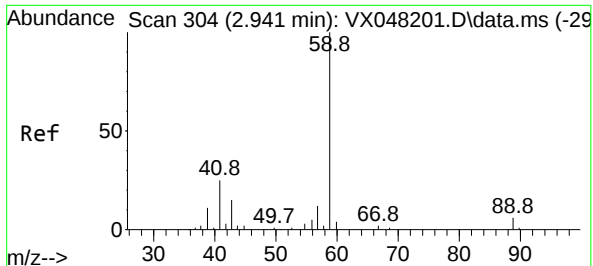
Tgt Ion:101 Resp: 2189
Ion Ratio Lower Upper
101 100
85 40.8 35.6 53.4
151 68.0 58.0 87.0



#10
Methyl Iodide
Concen: 0.739 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:142 Resp: 1794
Ion Ratio Lower Upper
142 100
127 63.4 38.5 57.7#
141 16.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 5.248 ug/l

RT: 2.922 min Scan# 304

Delta R.T. -0.018 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

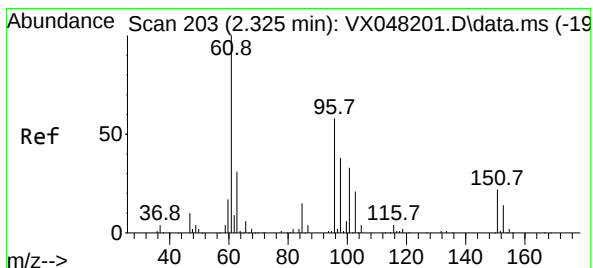
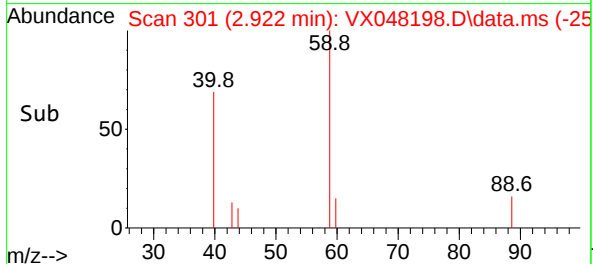
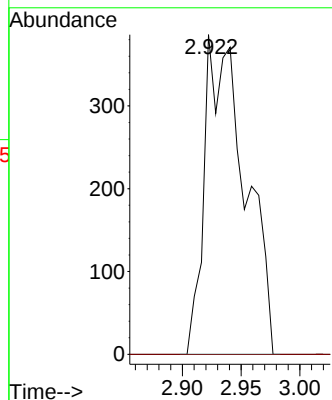
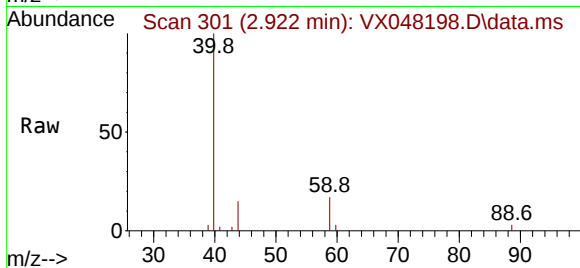
VSTDIC001

Tgt Ion: 59 Resp: 923

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 1.034 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

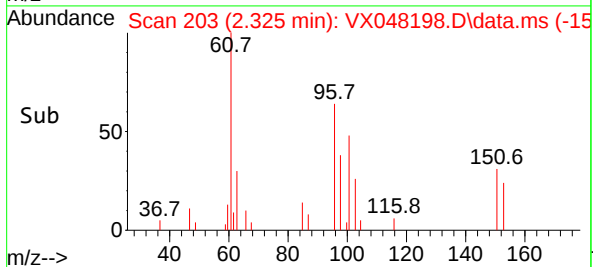
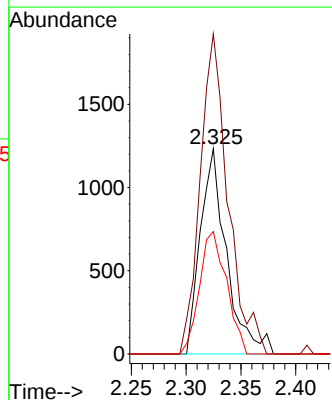
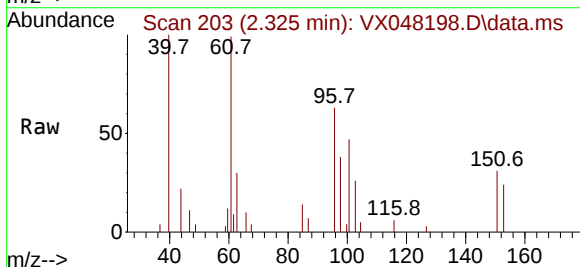
Tgt Ion: 96 Resp: 2050

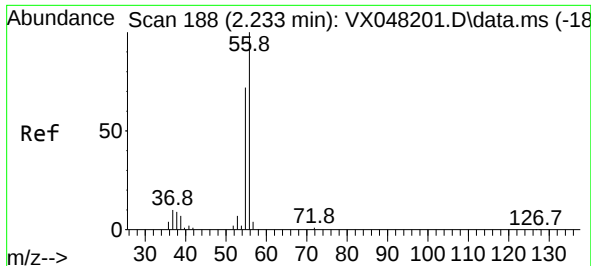
Ion Ratio Lower Upper

96 100

61 170.6 139.0 208.6

98 59.6 52.4 78.6

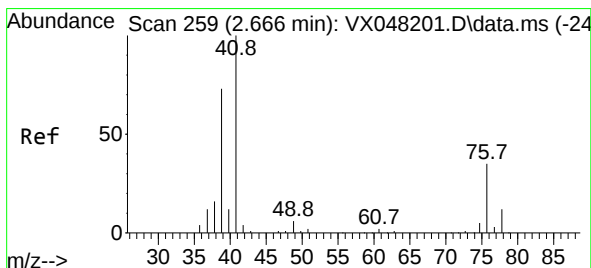
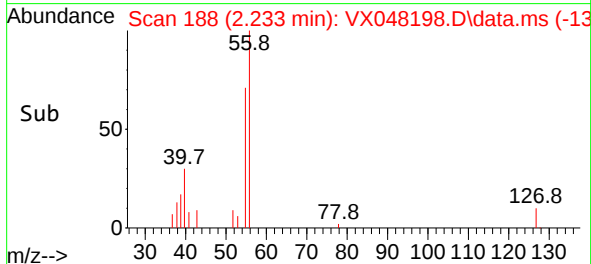
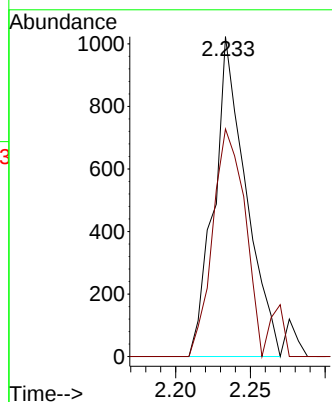
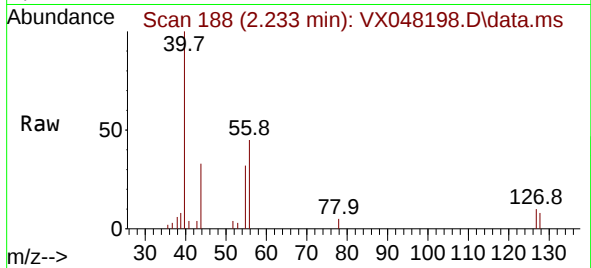




#13
Acrolein
Concen: 4.101 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

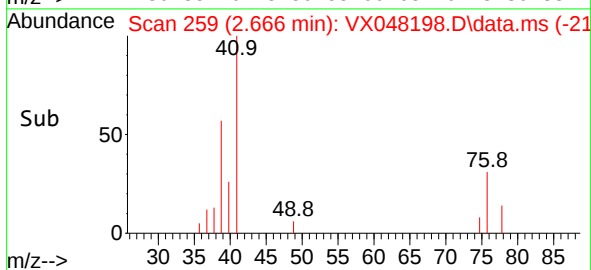
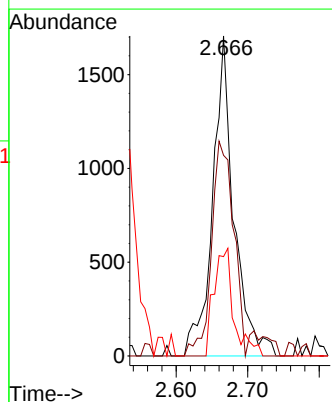
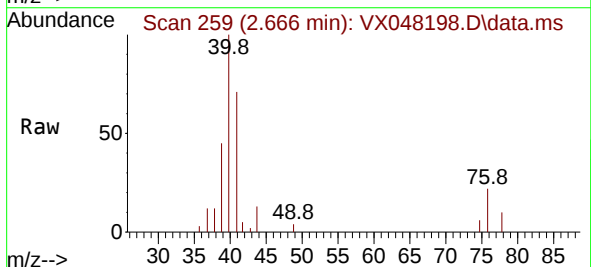
Instrument : MSVOA_X
ClientSampleId : VSTDIC001

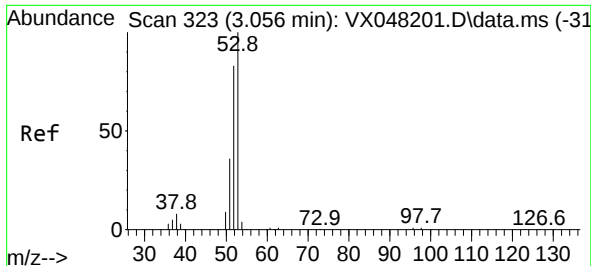
Tgt Ion: 56 Resp: 1516
Ion Ratio Lower Upper
56 100
55 71.7 56.1 84.1



#14
Allyl chloride
Concen: 0.989 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 41 Resp: 3528
Ion Ratio Lower Upper
41 100
39 70.7 56.0 84.0
76 31.1 27.5 41.3

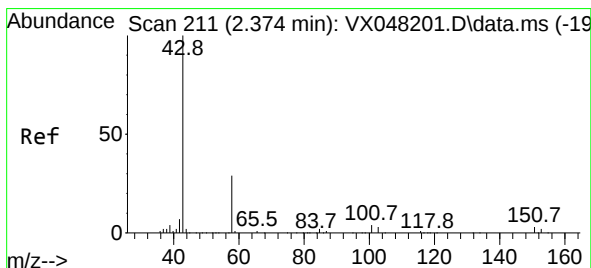
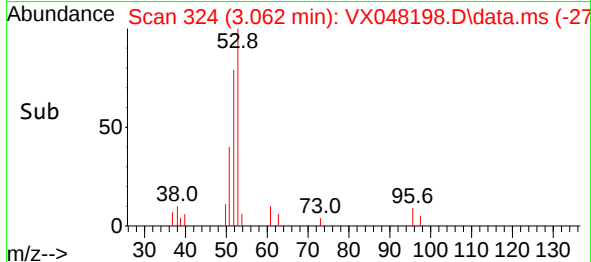
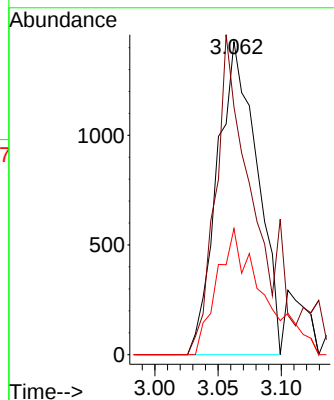
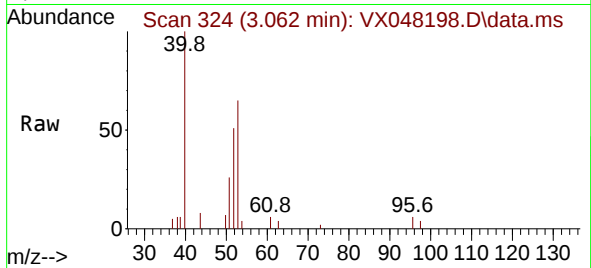




#15
Acrylonitrile
Concen: 3.727 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

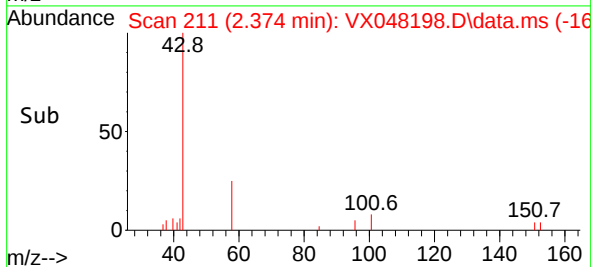
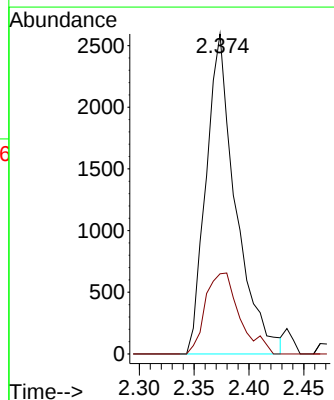
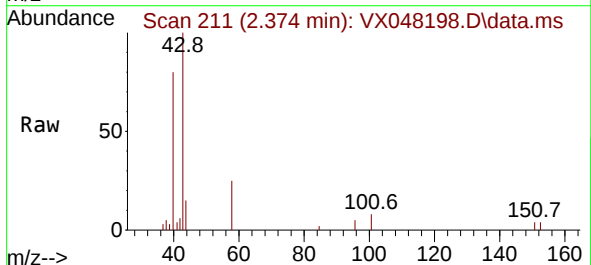
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

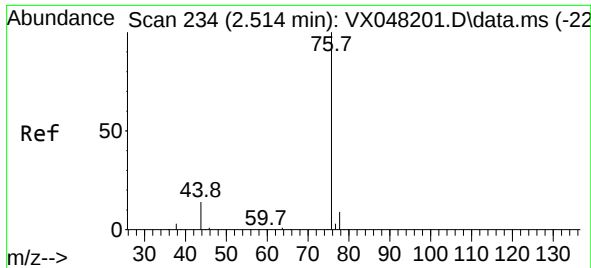
Tgt Ion: 53 Resp: 3141
Ion Ratio Lower Upper
53 100
52 96.4 66.1 99.1
51 46.5 29.0 43.4#



#16
Acetone
Concen: 5.375 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 4860
Ion Ratio Lower Upper
43 100
58 22.7 23.4 35.2#

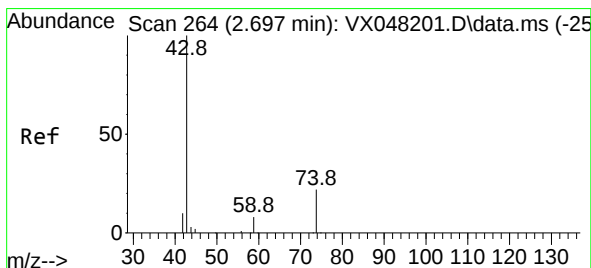
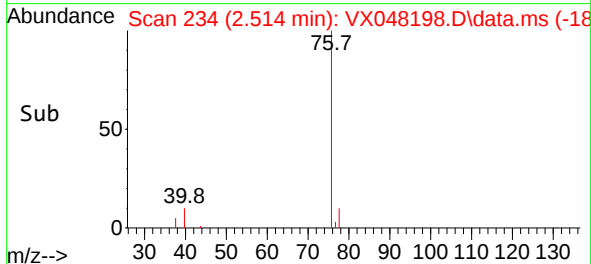
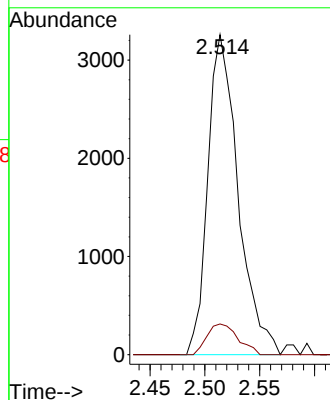
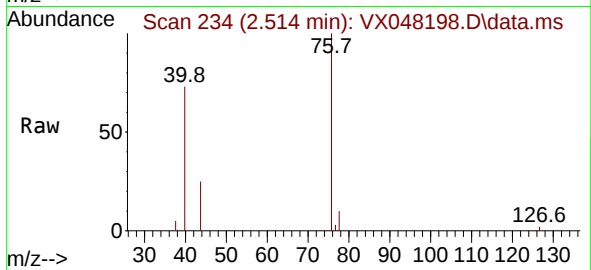




#17
Carbon Disulfide
Concen: 1.028 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

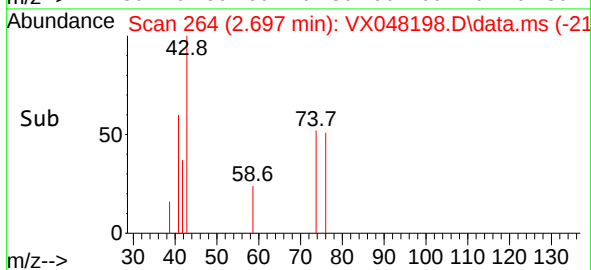
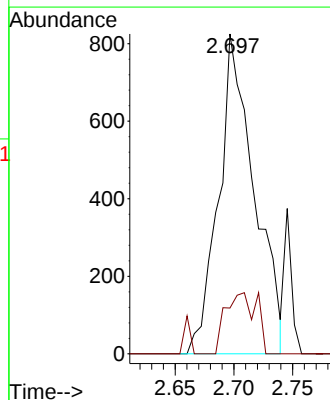
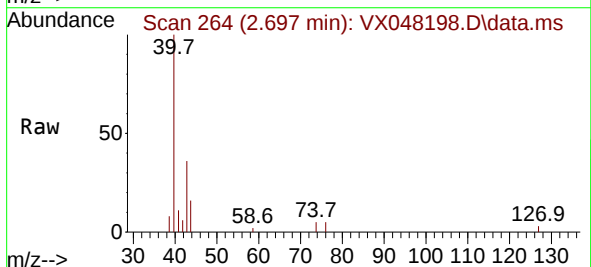
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

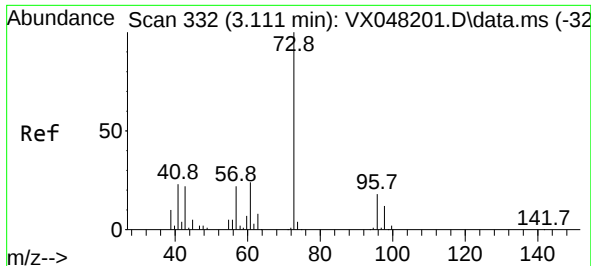
Tgt Ion: 76 Resp: 6269
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 0.943 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
74 16.7 17.5 26.3#

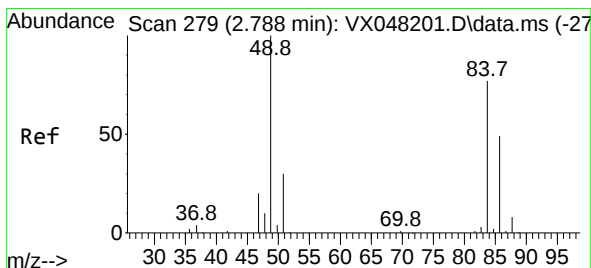
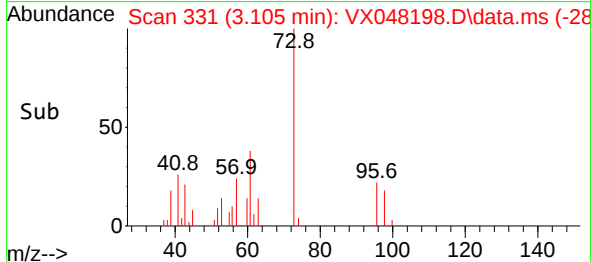
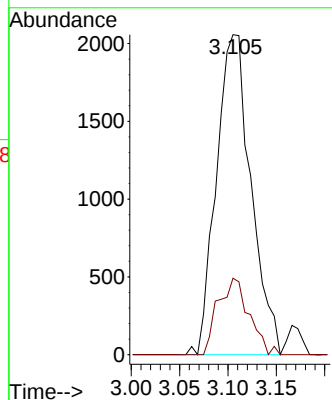
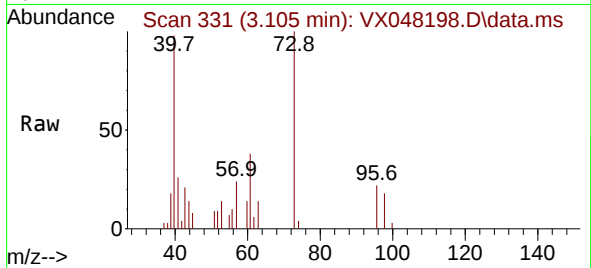




#19
Methyl tert-butyl Ether
Concen: 0.857 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

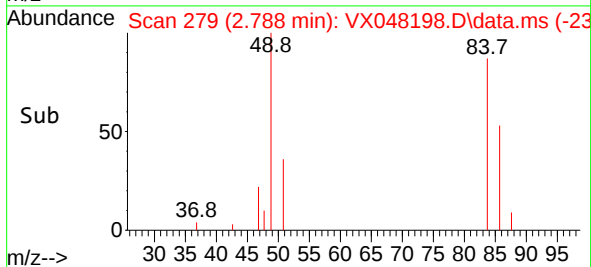
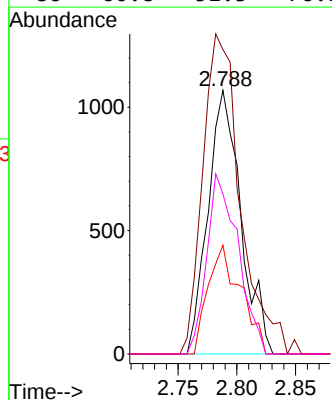
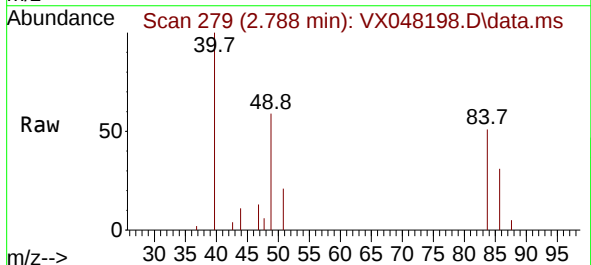
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

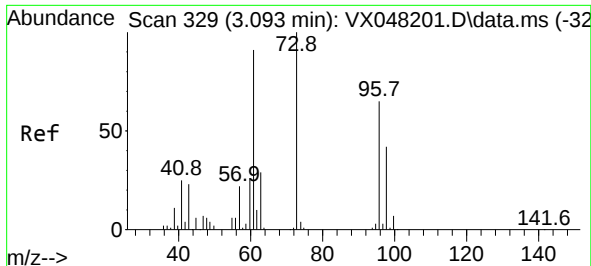
Tgt Ion: 73 Resp: 5118
Ion Ratio Lower Upper
73 100
57 23.9 17.7 26.5



#20
Methylene Chloride
Concen: 0.946 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 84 Resp: 2083
Ion Ratio Lower Upper
84 100
49 115.5 104.1 156.1
51 41.3 31.3 46.9
86 60.8 51.3 76.9

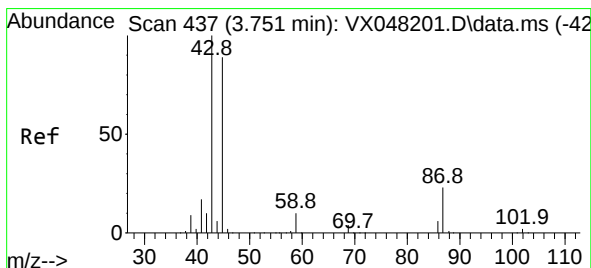
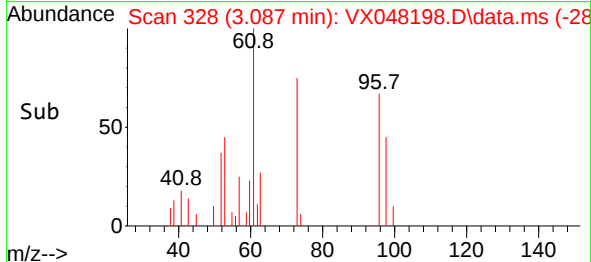
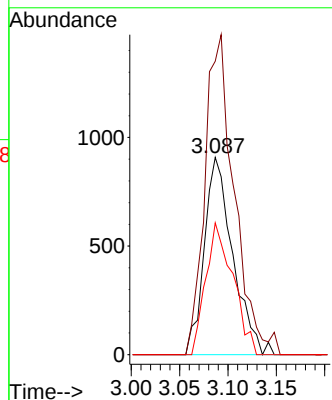
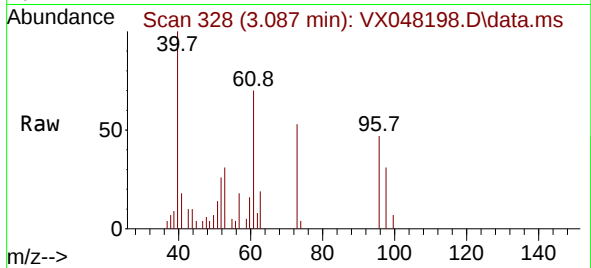




#21
trans-1,2-Dichloroethene
Concen: 0.908 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

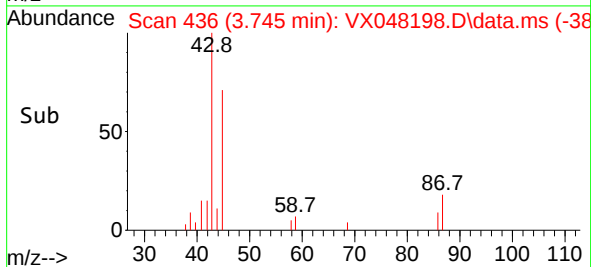
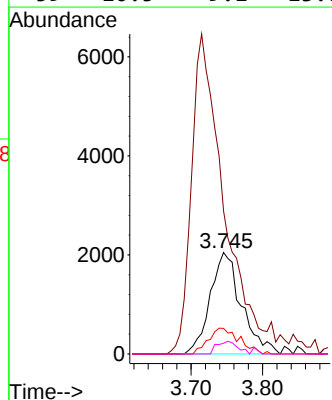
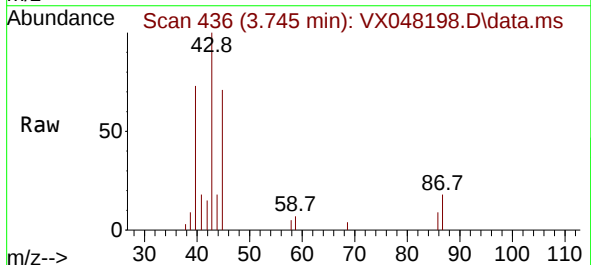
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

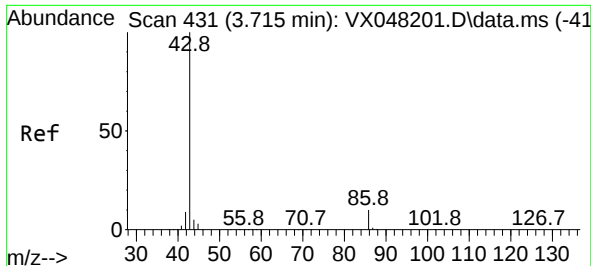
Tgt Ion: 96 Resp: 1862
Ion Ratio Lower Upper
96 100
61 148.8 111.9 167.9
98 66.9 51.2 76.8



#22
Diisopropyl ether
Concen: 0.892 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 45 Resp: 6229
Ion Ratio Lower Upper
45 100
43 121.4 89.8 134.8
87 25.2 20.6 31.0
59 10.5 9.1 13.7

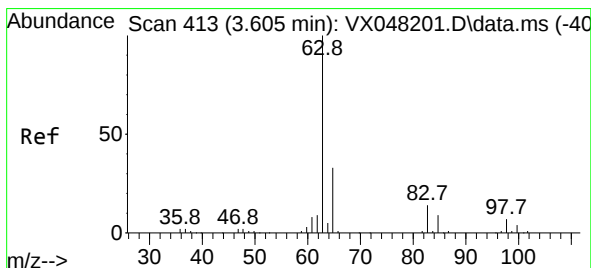
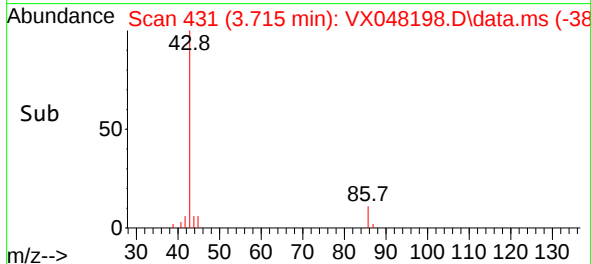
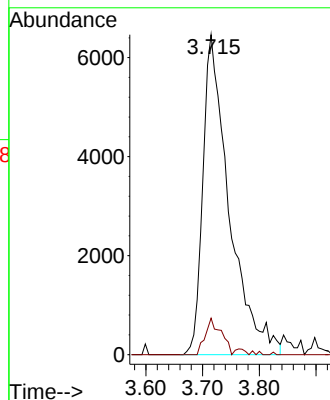
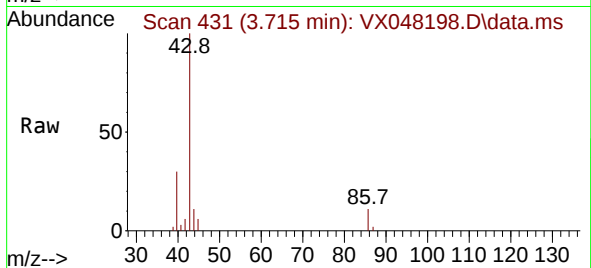




#23
Vinyl Acetate
Concen: 3.990 ug/l
RT: 3.715 min Scan# 411
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

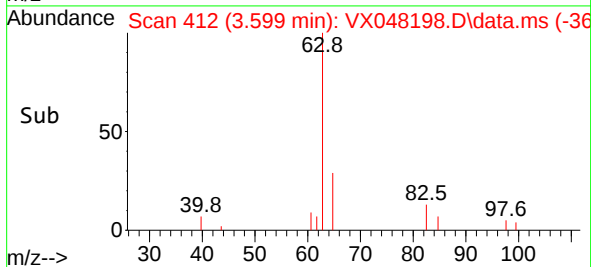
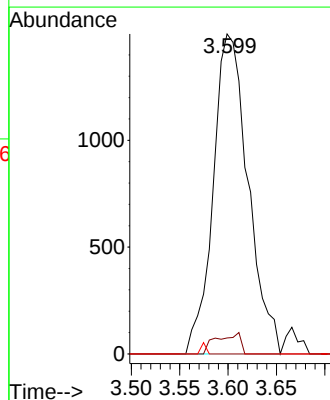
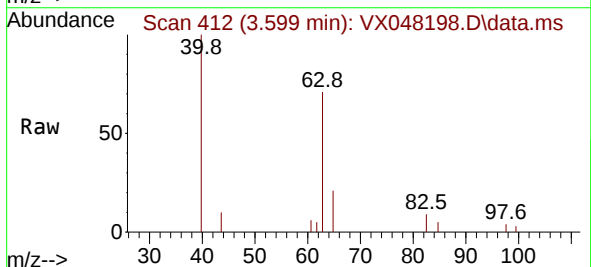
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

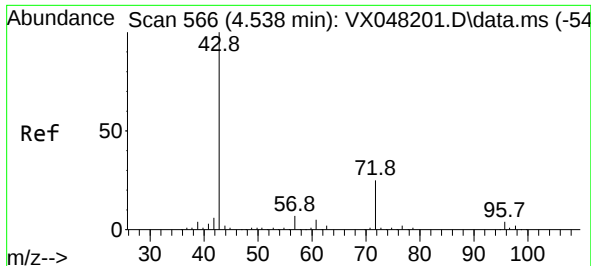
Tgt Ion: 43 Resp: 20834
Ion Ratio Lower Upper
43 100
86 11.8 7.9 11.9



#24
1,1-Dichloroethane
Concen: 0.948 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 63 Resp: 3755
Ion Ratio Lower Upper
63 100
98 5.0 3.5 10.6
100 0.0 2.1 6.3#





#25

2-Butanone

Concen: 4.470 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

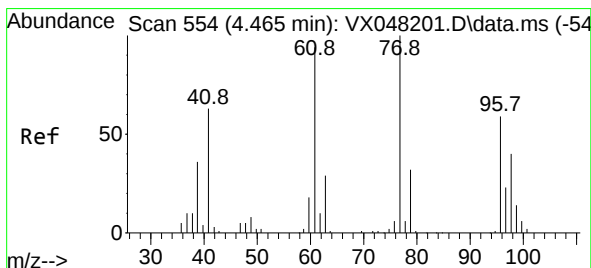
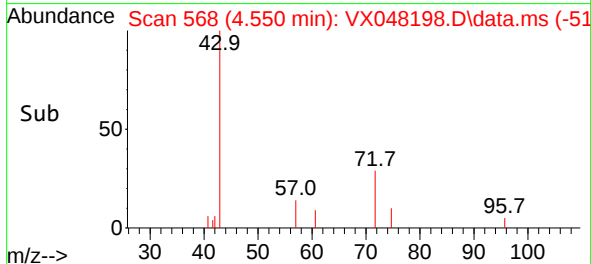
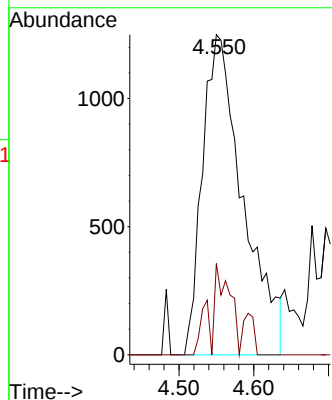
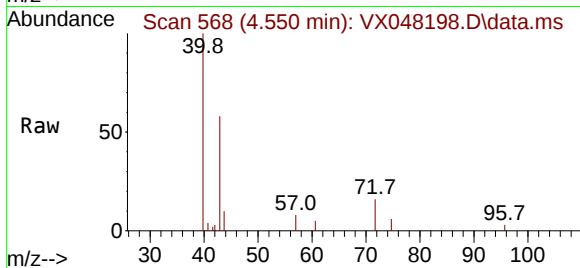
VSTDIC001

Tgt Ion: 43 Resp: 4709

Ion Ratio Lower Upper

43 100

72 27.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 1.042 ug/l

RT: 4.465 min Scan# 554

Delta R.T. 0.000 min

Lab File: VX048198.D

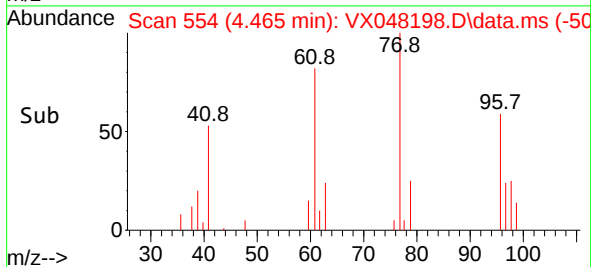
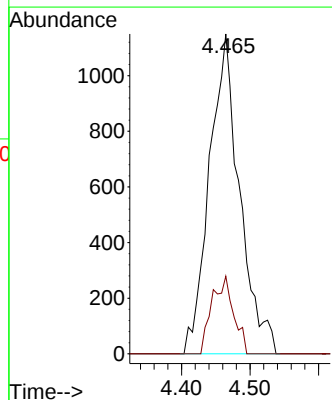
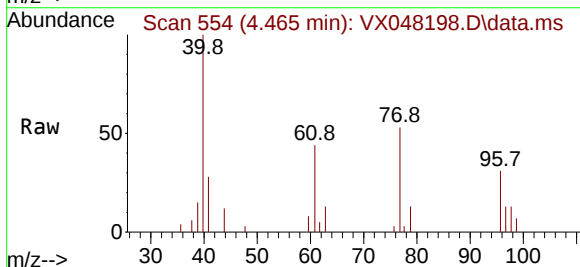
Acq: 17 Oct 2025 08:45

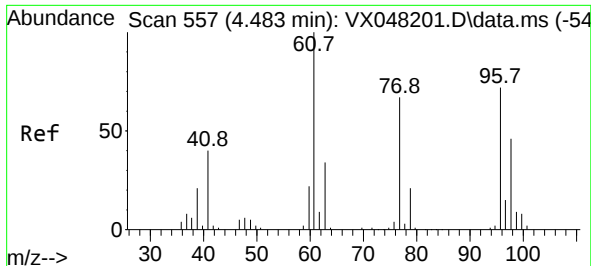
Tgt Ion: 77 Resp: 3528

Ion Ratio Lower Upper

77 100

97 17.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 0.433 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

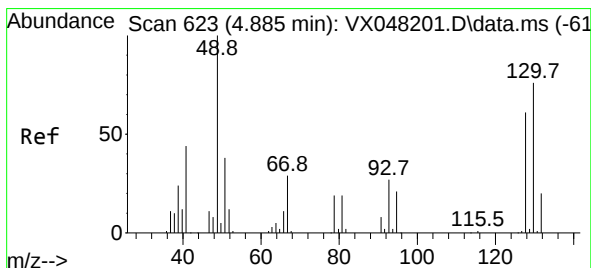
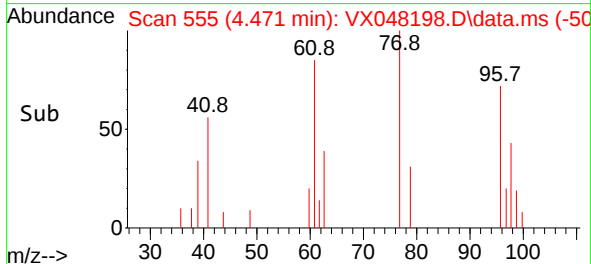
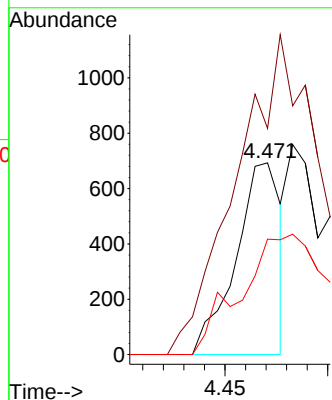
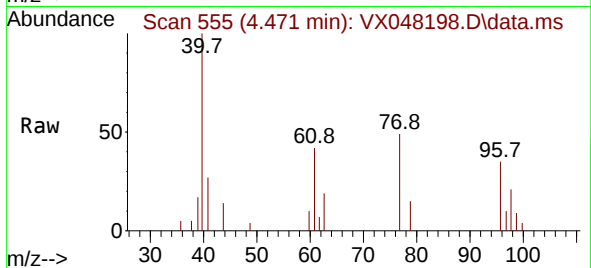
Tgt Ion: 96 Resp: 1054

Ion Ratio Lower Upper

96 100

61 350.4 0.0 294.2#

98 127.4 0.0 128.4



#28

Bromochloromethane

Concen: 0.847 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

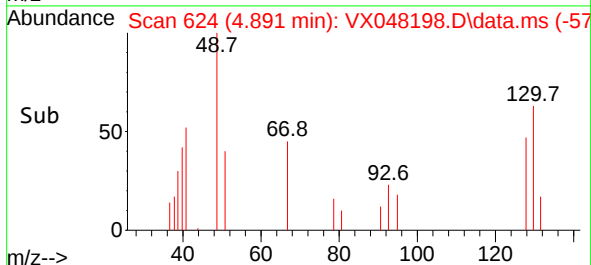
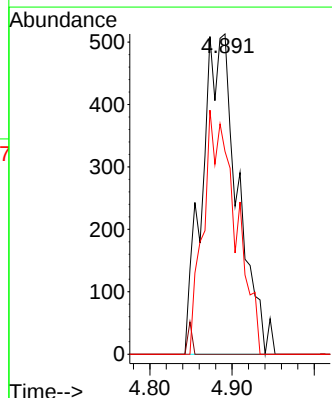
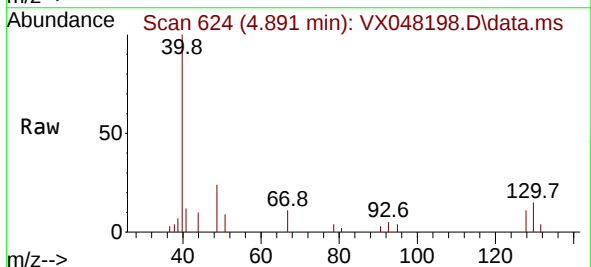
Tgt Ion: 49 Resp: 1546

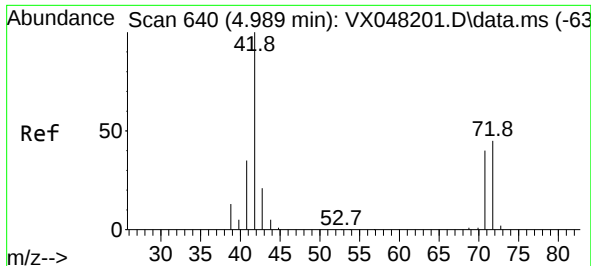
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 69.1 59.3 88.9





#29

Tetrahydrofuran

Concen: 4.295 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

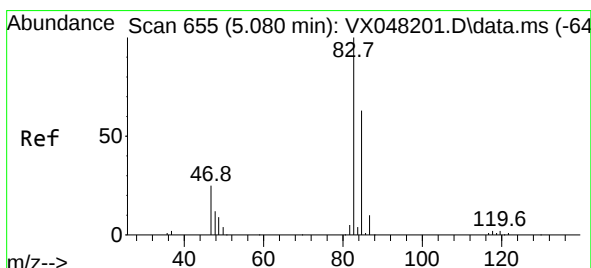
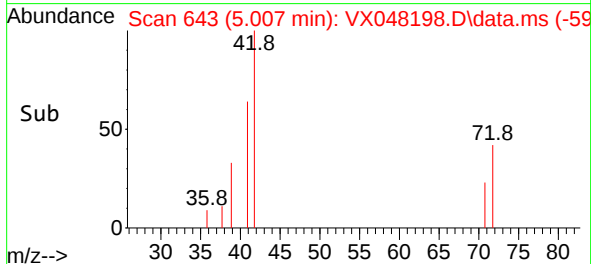
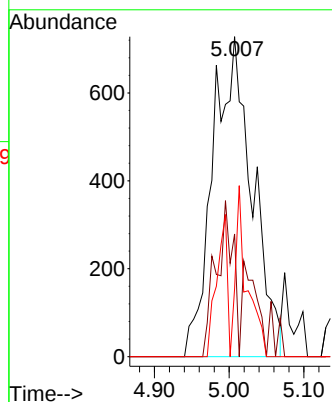
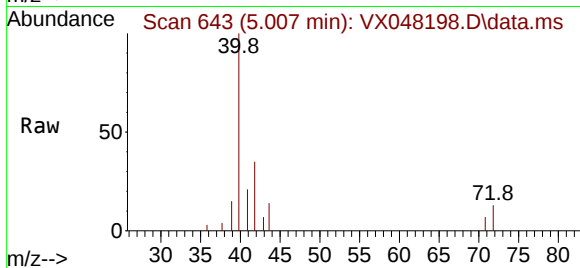
Tgt Ion: 42 Resp: 2657

Ion Ratio Lower Upper

42 100

72 10.8 35.3 52.9#

71 15.6 32.2 48.4#



#30

Chloroform

Concen: 1.017 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048198.D

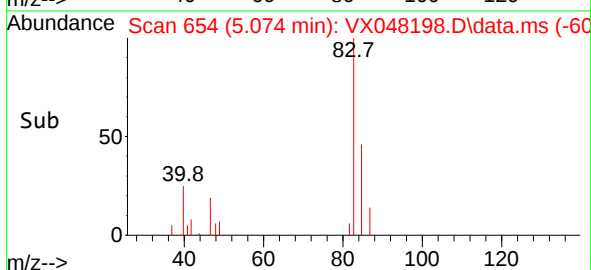
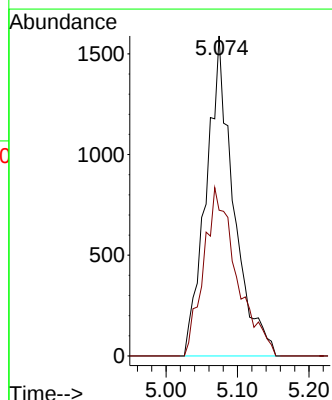
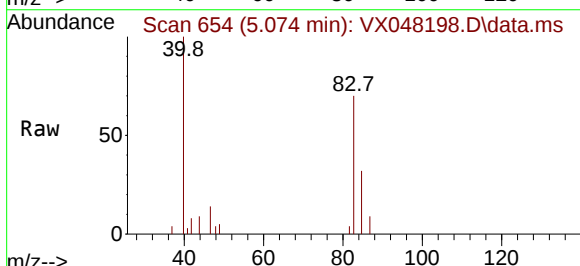
Acq: 17 Oct 2025 08:45

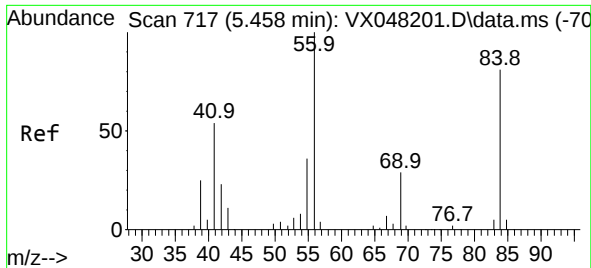
Tgt Ion: 83 Resp: 4243

Ion Ratio Lower Upper

83 100

85 45.6 50.1 75.1#

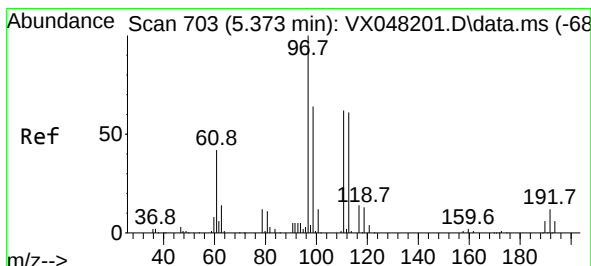
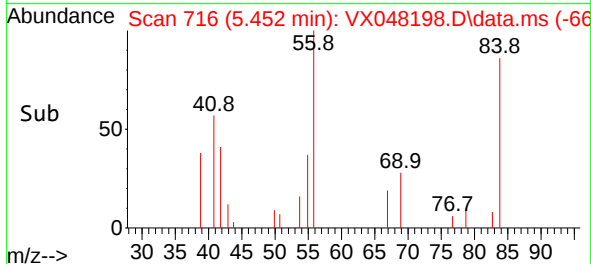
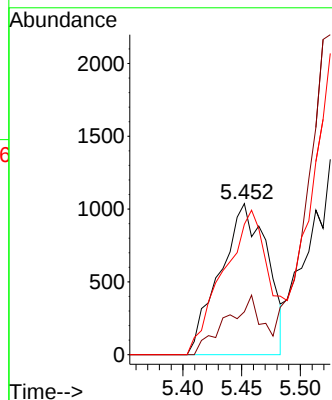
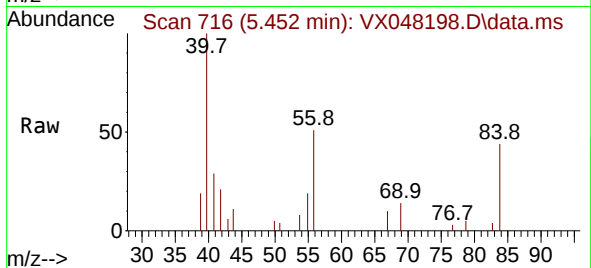




#31
Cyclohexane
Concen: 0.894 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

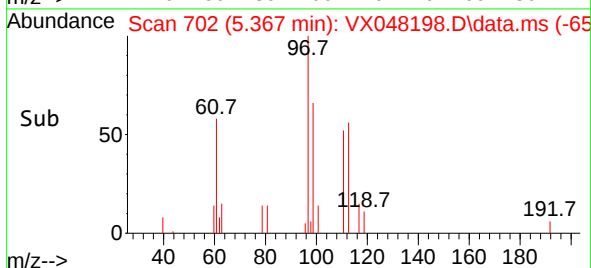
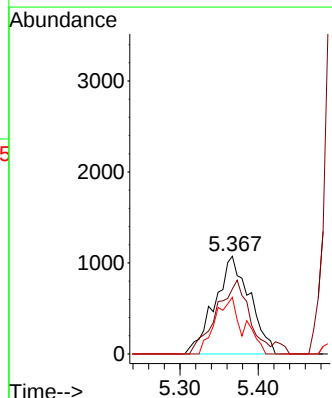
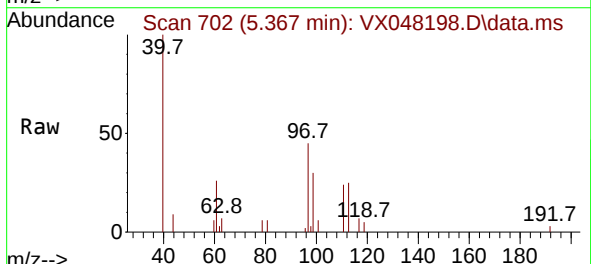
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

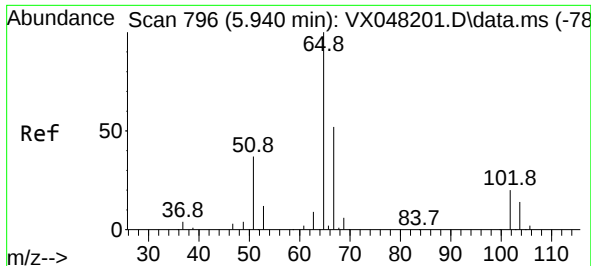
Tgt Ion: 56 Resp: 2898
Ion Ratio Lower Upper
56 100
69 28.4 23.0 34.6
84 86.3 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 0.970 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 97 Resp: 3326
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 37.0 34.8 52.2

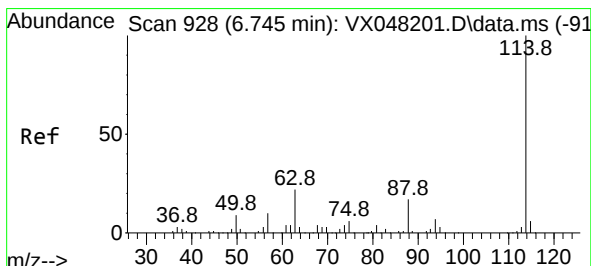
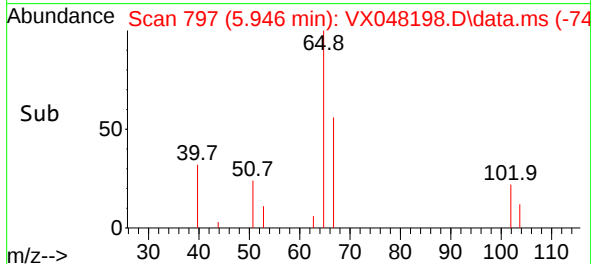
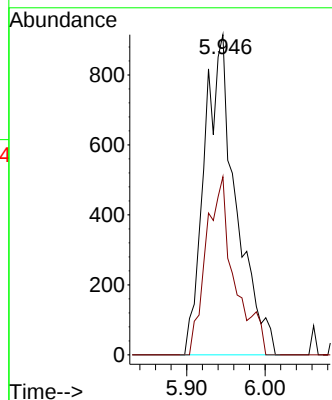
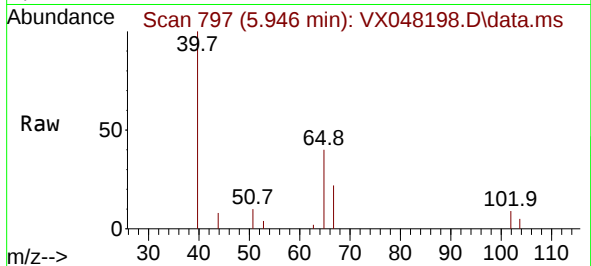




#33
 1,2-Dichloroethane-d4
 Concen: 0.970 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048198.D
 Acq: 17 Oct 2025 08:45

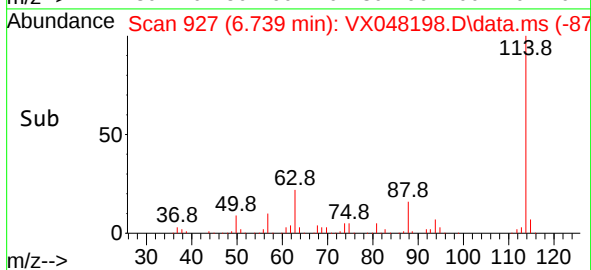
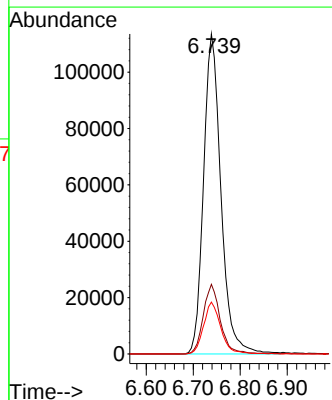
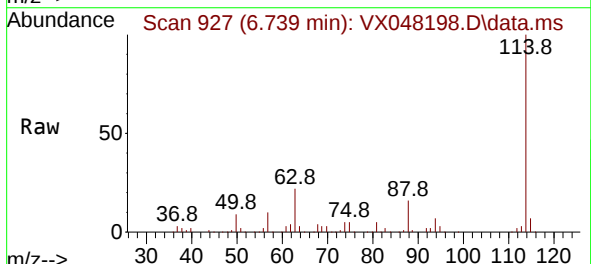
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

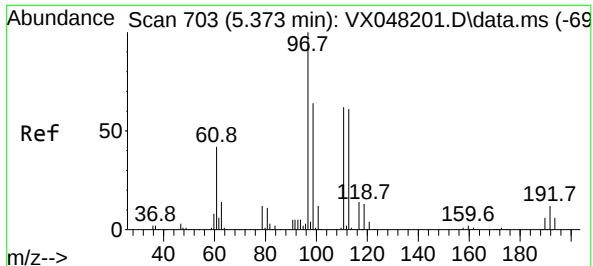
Tgt Ion: 65 Resp: 2572
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048198.D
 Acq: 17 Oct 2025 08:45

Tgt Ion: 114 Resp: 292010
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 16.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 0.921 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

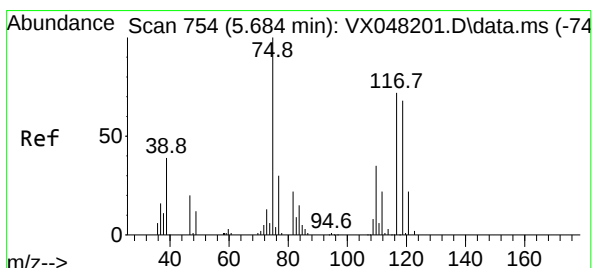
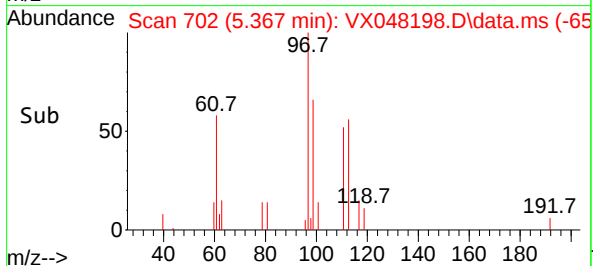
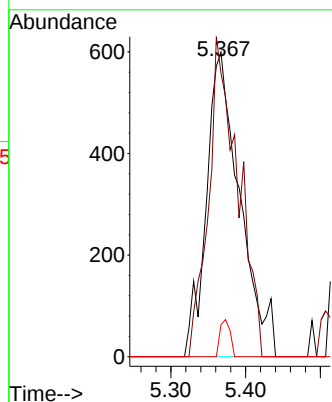
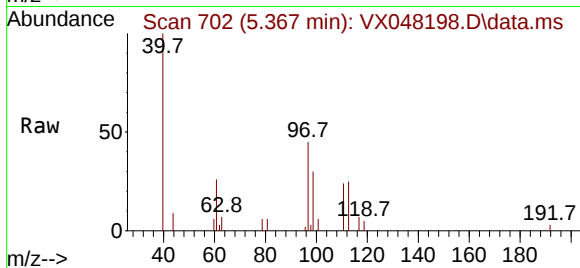
Tgt Ion:113 Resp: 1867

Ion Ratio Lower Upper

113 100

111 92.7 82.2 123.4

192 3.6 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 1.177 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.012 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

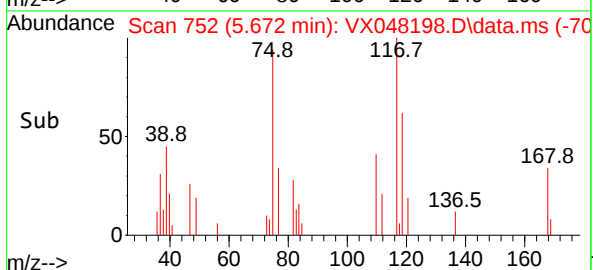
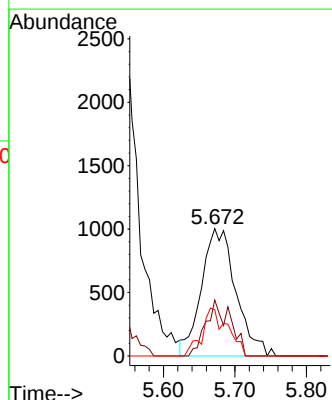
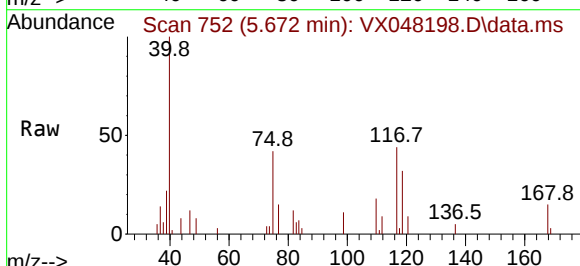
Tgt Ion: 75 Resp: 3360

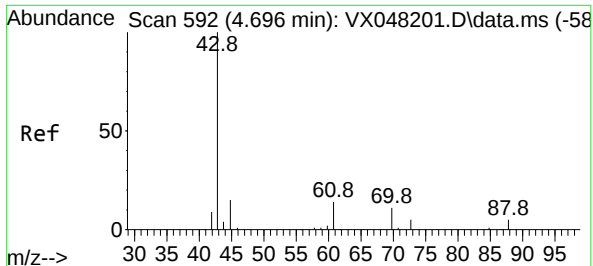
Ion Ratio Lower Upper

75 100

110 31.1 17.7 53.1

77 27.7 24.3 36.5





#37

Ethyl Acetate

Concen: 0.163 ug/l

RT: 4.678 min Scan# 51

Delta R.T. -0.018 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

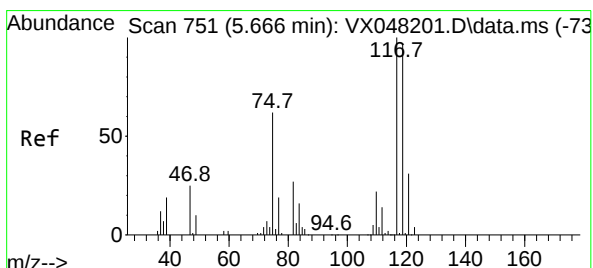
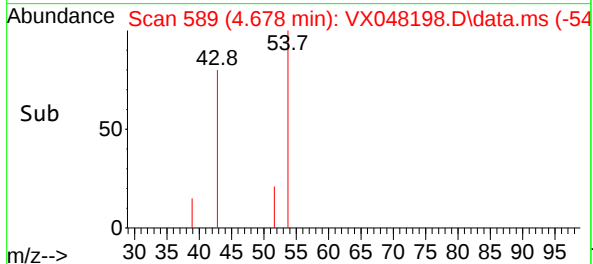
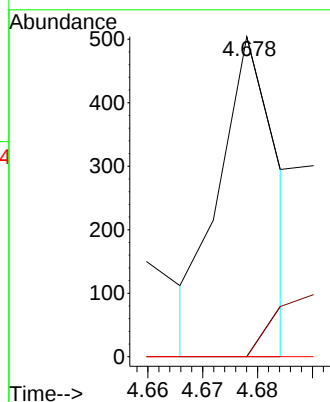
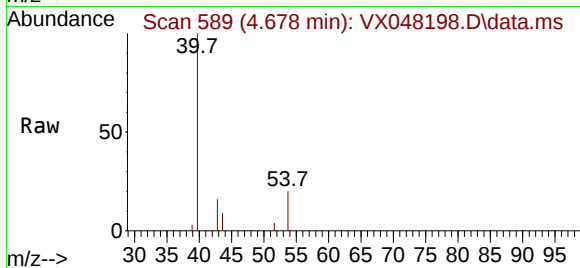
Tgt Ion: 43 Resp: 371

Ion Ratio Lower Upper

43 100

61 44.7 10.6 15.8#

70 0.0 7.8 11.6#



#38

Carbon Tetrachloride

Concen: 1.162 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.000 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

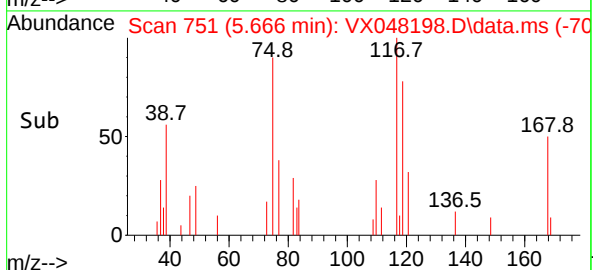
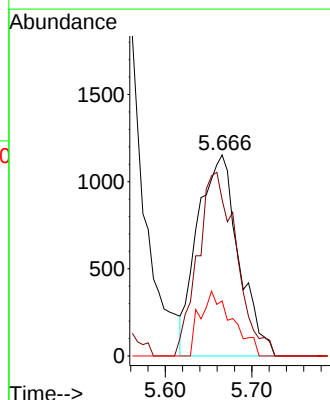
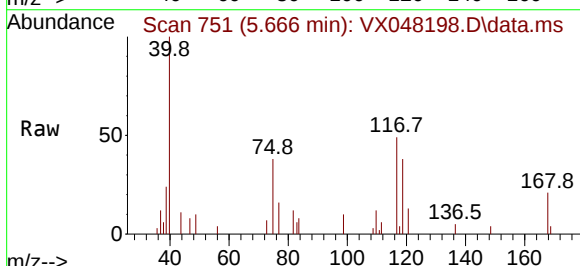
Tgt Ion: 117 Resp: 3807

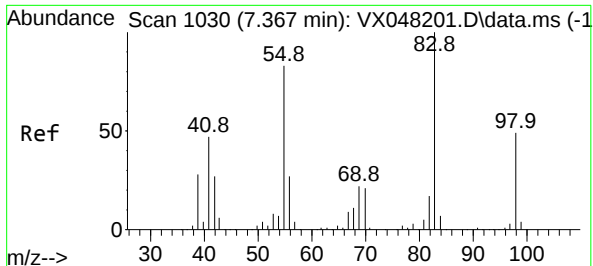
Ion Ratio Lower Upper

117 100

119 77.8 77.2 115.8

121 27.4 24.8 37.2

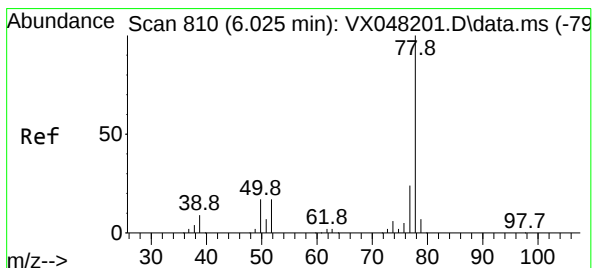
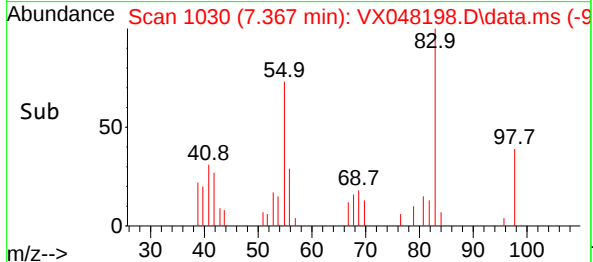
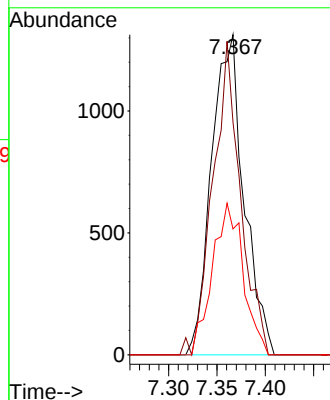
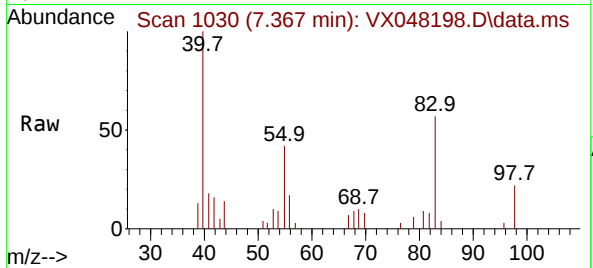




#39
Methylcyclohexane
Concen: 0.951 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

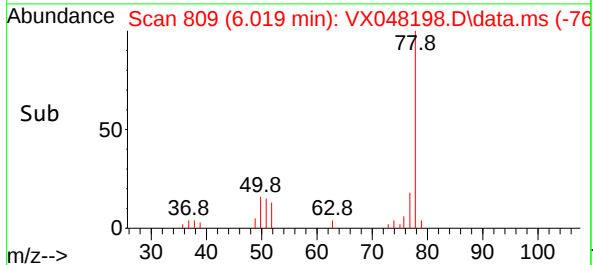
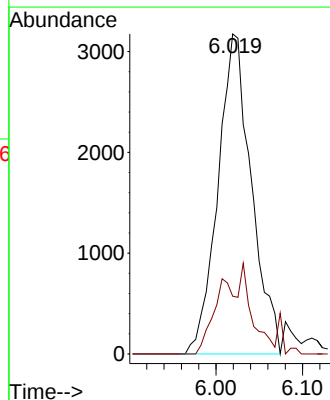
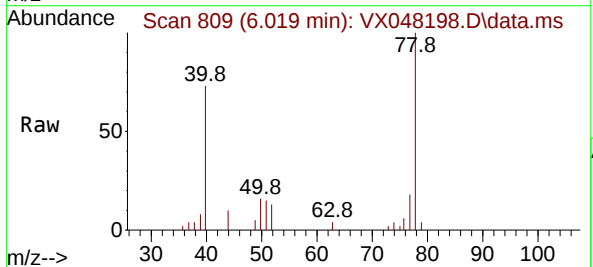
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

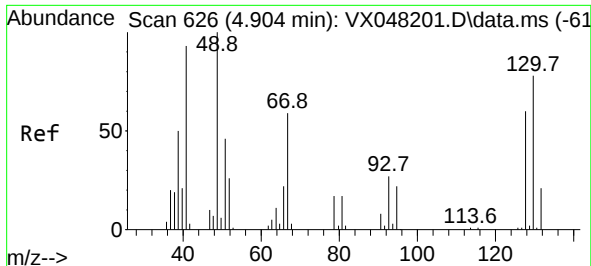
Tgt Ion: 83 Resp: 3061
Ion Ratio Lower Upper
83 100
55 72.7 66.2 99.2
98 39.3 38.9 58.3



#40
Benzene
Concen: 1.006 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 78 Resp: 8528
Ion Ratio Lower Upper
78 100
77 18.1 19.3 28.9#

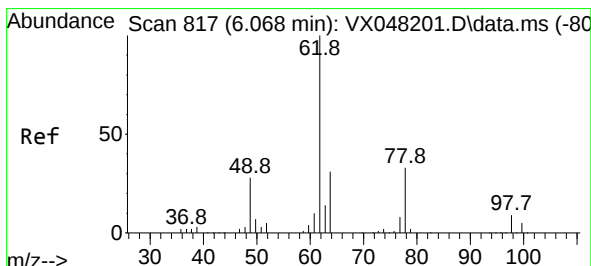
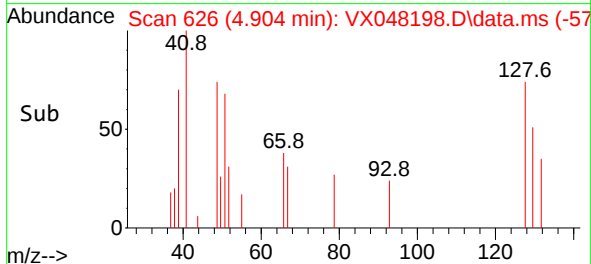
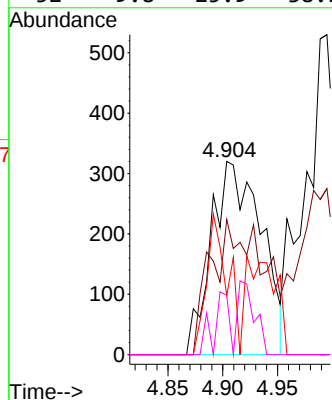
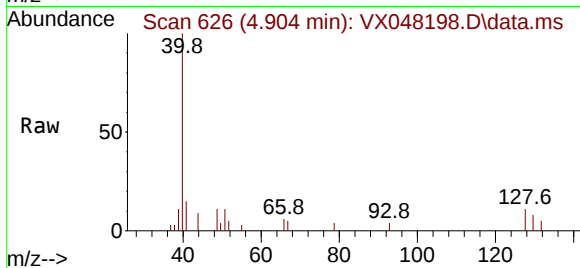




#41
Methacrylonitrile
Concen: 0.831 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

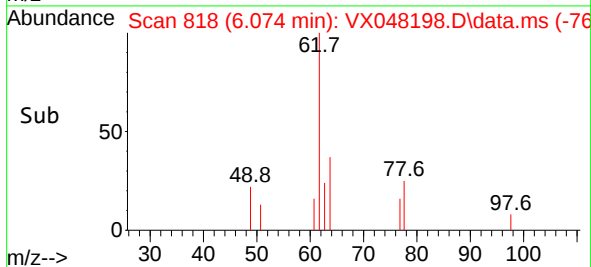
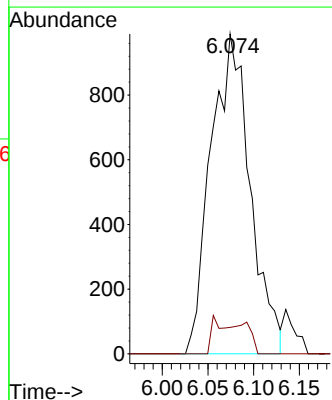
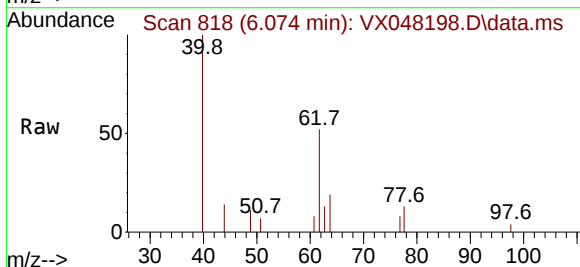
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

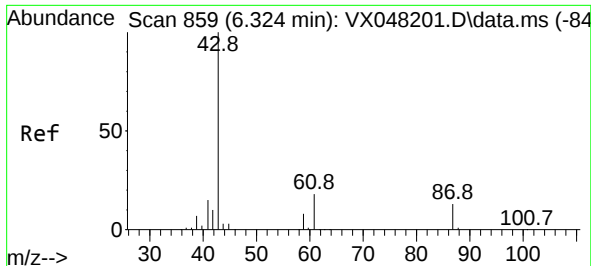
Tgt Ion:	41	Resp:	1015
Ion	Ratio	Lower	Upper
41	100		
39	73.5	44.0	66.0#
67	30.2	58.7	88.1#
52	9.8	25.9	38.9#



#42
1,2-Dichloroethane
Concen: 0.972 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:	62	Resp:	2953
Ion	Ratio	Lower	Upper
62	100		
98	3.5	0.0	17.2

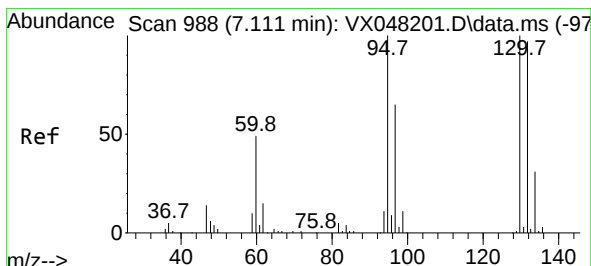
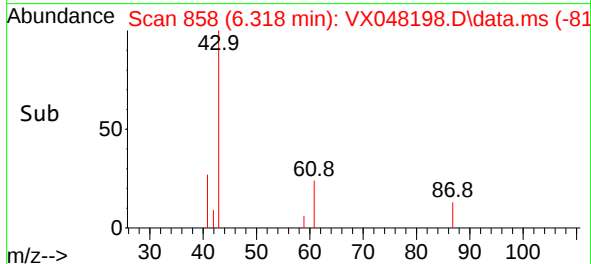
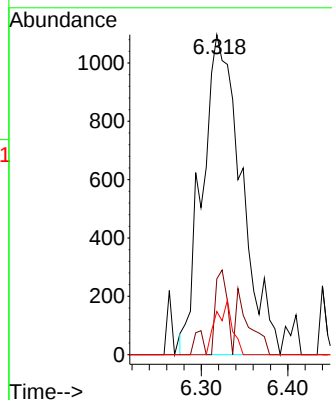
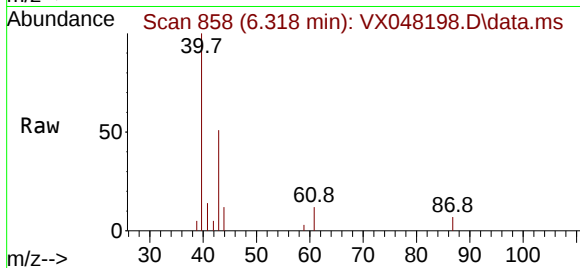




#43
Isopropyl Acetate
Concen: 0.897 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

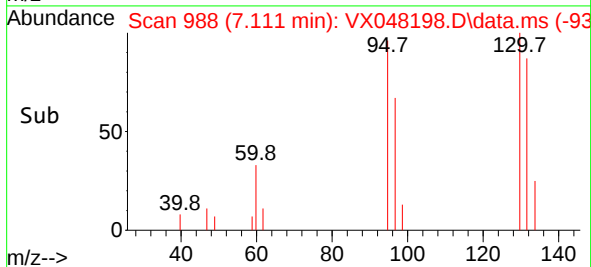
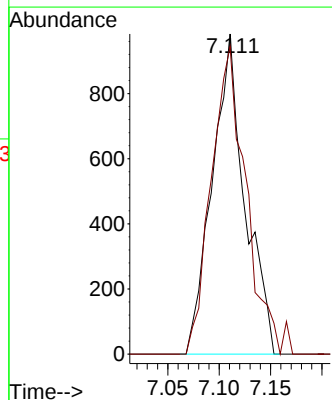
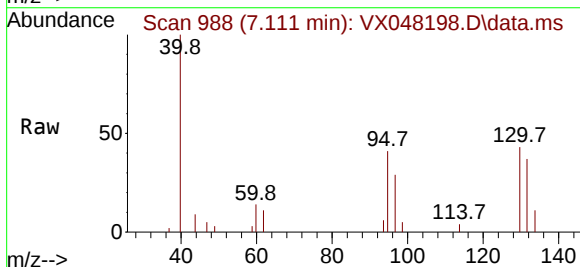
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

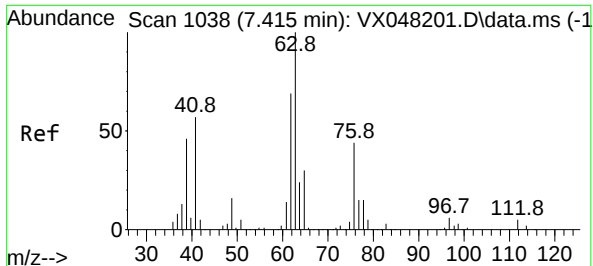
Tgt Ion: 43 Resp: 3437
Ion Ratio Lower Upper
43 100
61 7.8 14.9 22.3#
87 7.1 9.4 14.2#



#44
Trichloroethene
Concen: 1.018 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:130 Resp: 2174
Ion Ratio Lower Upper
130 100
95 96.0 0.0 200.6





#45

1,2-Dichloropropane

Concen: 0.963 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

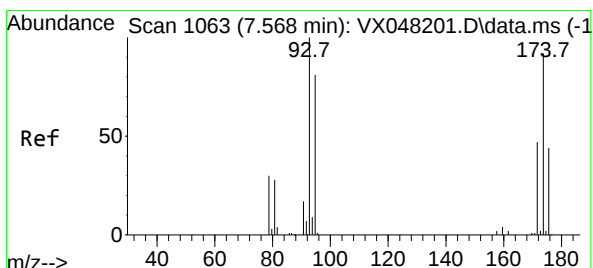
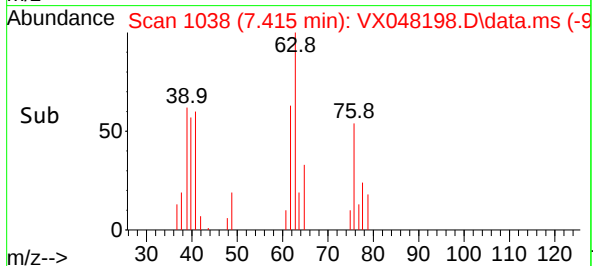
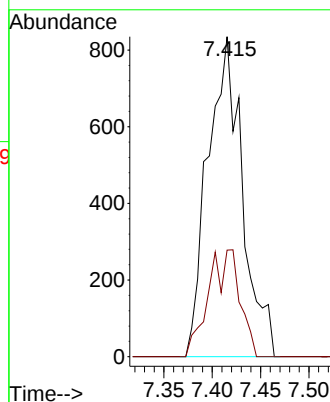
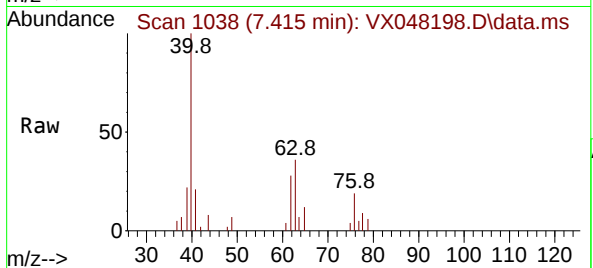
VSTDIC001

Tgt Ion: 63 Resp: 2066

Ion Ratio Lower Upper

63 100

65 28.0 24.1 36.1



#46

Dibromomethane

Concen: 1.036 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

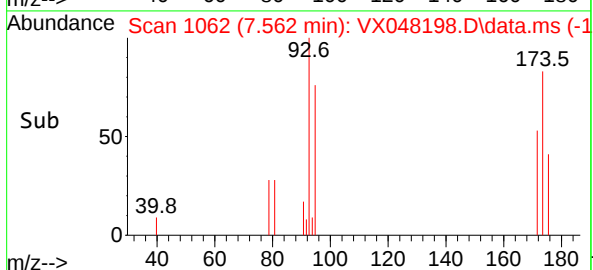
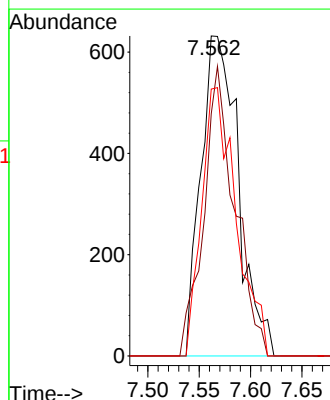
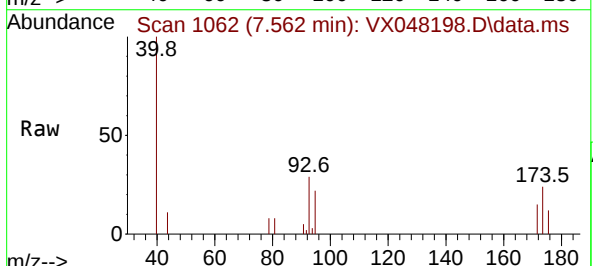
Tgt Ion: 93 Resp: 1600

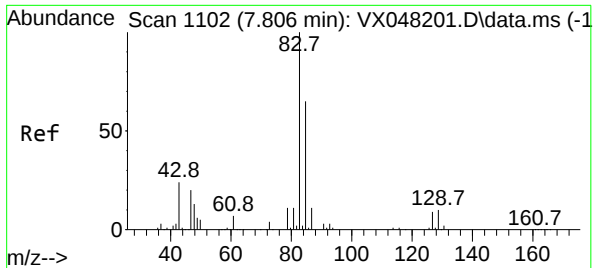
Ion Ratio Lower Upper

93 100

95 75.3 65.9 98.9

174 77.2 71.7 107.5

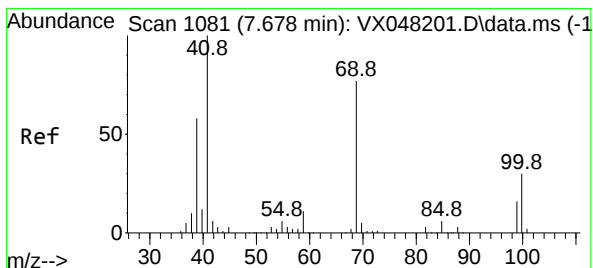
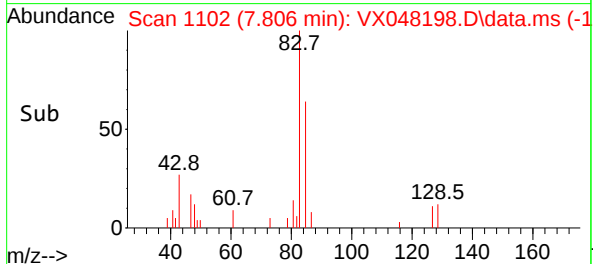
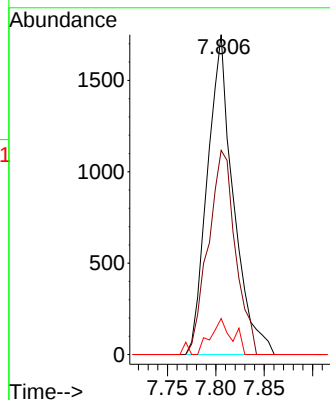
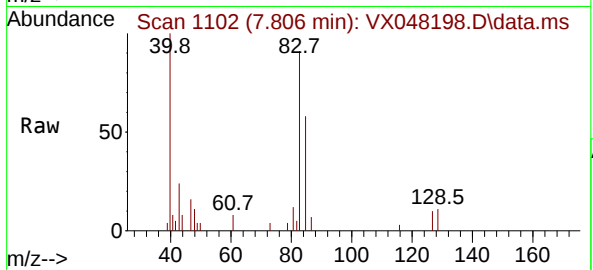




#47
Bromodichloromethane
Concen: 0.980 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

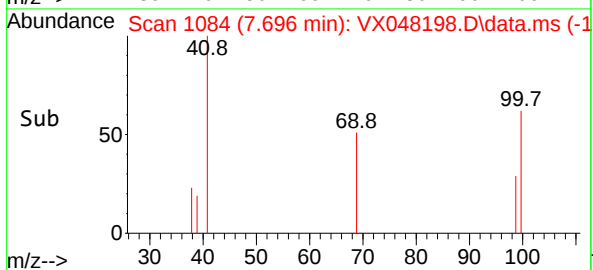
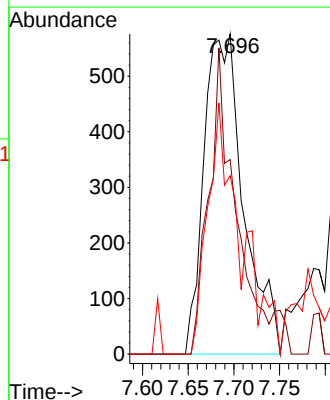
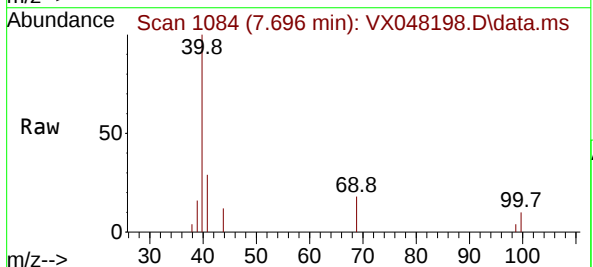
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

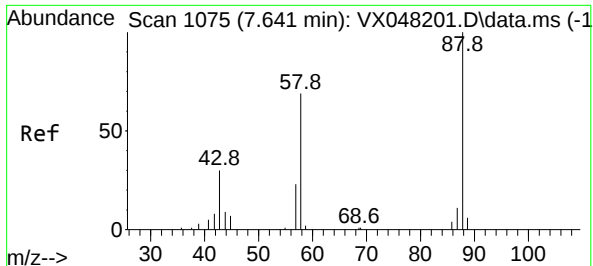
Tgt Ion: 83 Resp: 3270
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4
127 11.3 7.3 10.9#



#48
Methyl methacrylate
Concen: 0.884 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.018 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 41 Resp: 1734
Ion Ratio Lower Upper
41 100
69 64.5 63.4 95.0
39 64.9 47.1 70.7





#49

1,4-Dioxane

Concen: 15.015 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.024 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

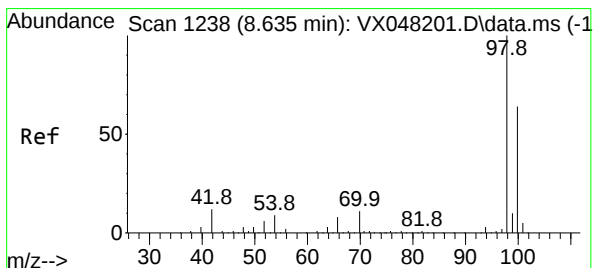
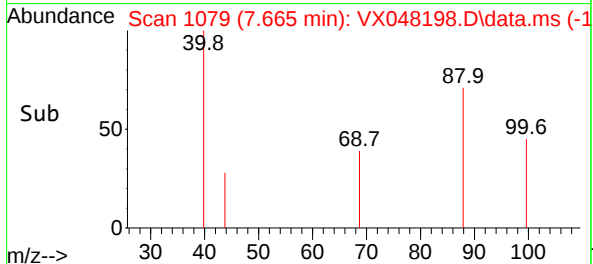
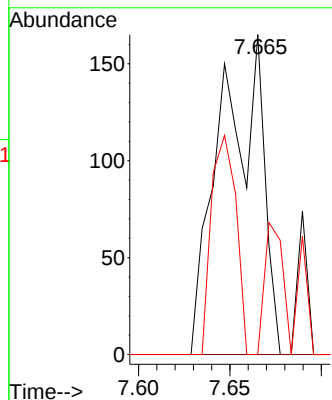
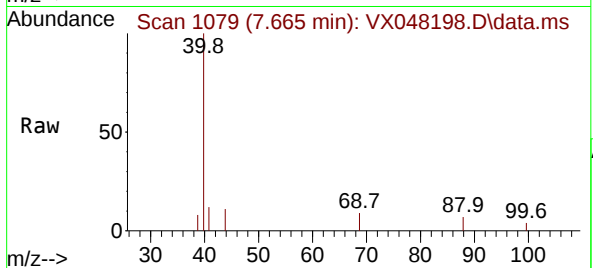
Tgt Ion: 88 Resp: 265

Ion Ratio Lower Upper

88 100

43 0.0 35.0 52.4#

58 26.0 61.9 92.9#



#50

Toluene-d8

Concen: 0.869 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048198.D

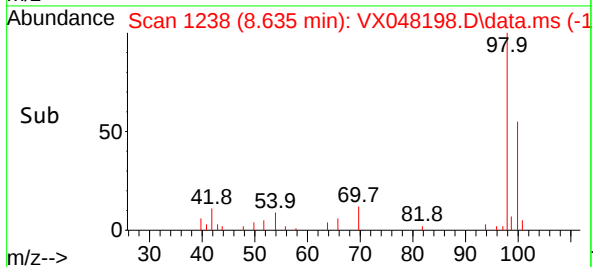
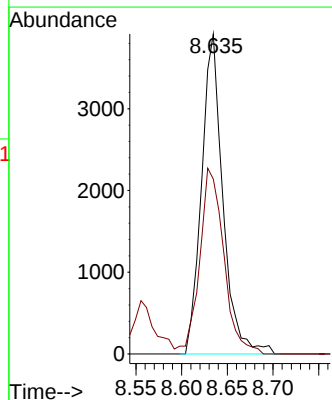
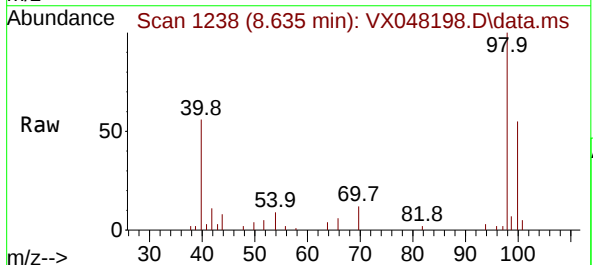
Acq: 17 Oct 2025 08:45

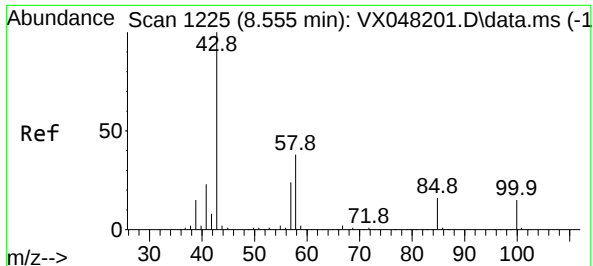
Tgt Ion: 98 Resp: 6341

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4

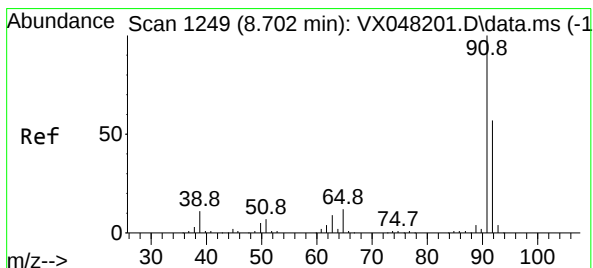
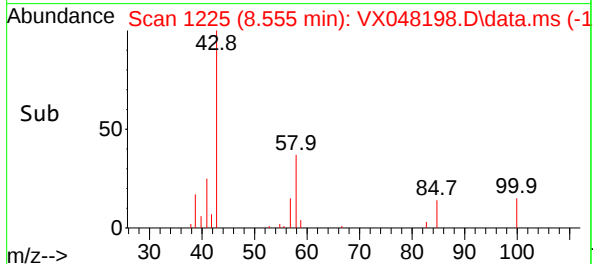
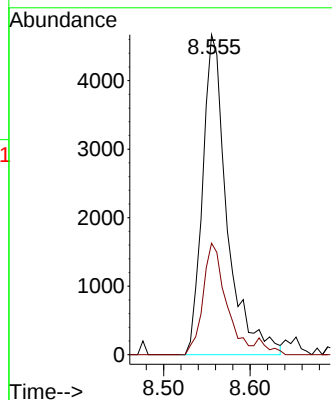
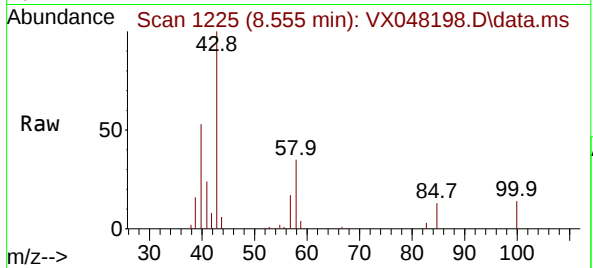




#51
4-Methyl-2-Pentanone
Concen: 4.303 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

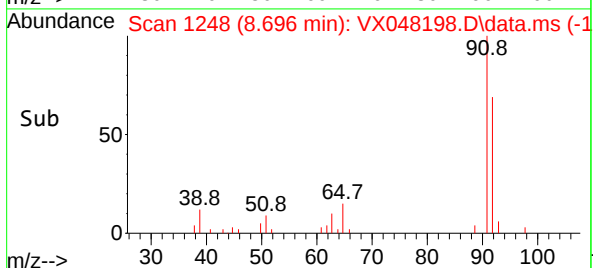
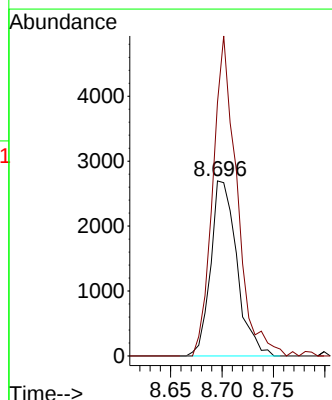
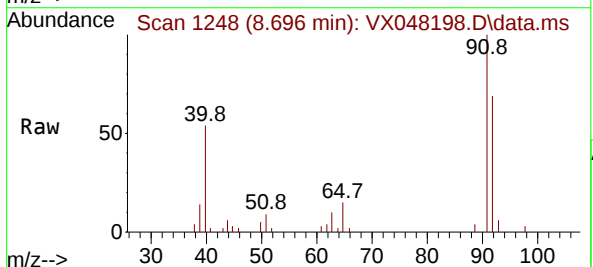
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

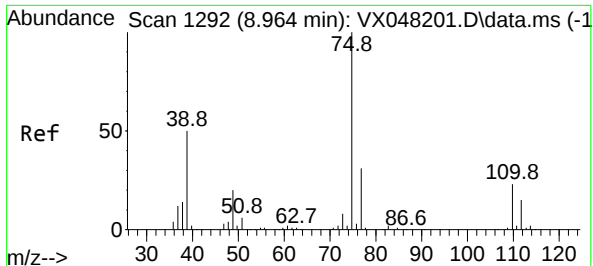
Tgt Ion: 43 Resp: 9171
Ion Ratio Lower Upper
43 100
58 33.1 29.5 44.3



#52
Toluene
Concen: 0.934 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 92 Resp: 4761
Ion Ratio Lower Upper
92 100
91 168.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 0.893 ug/l

RT: 8.970 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

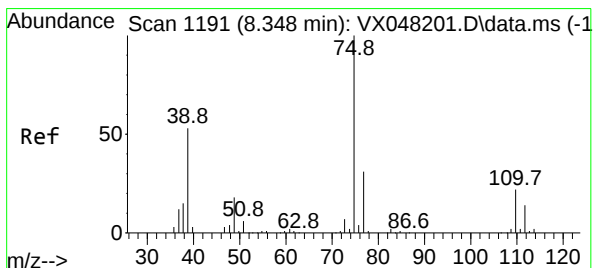
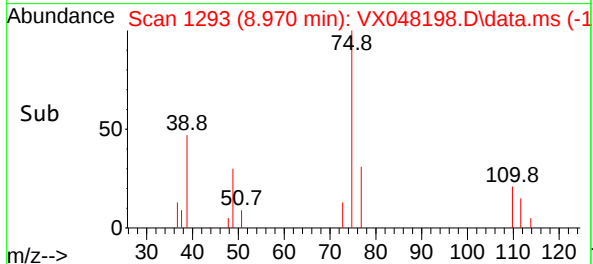
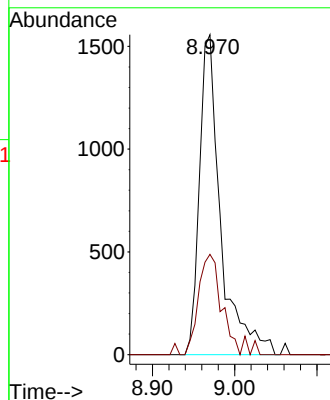
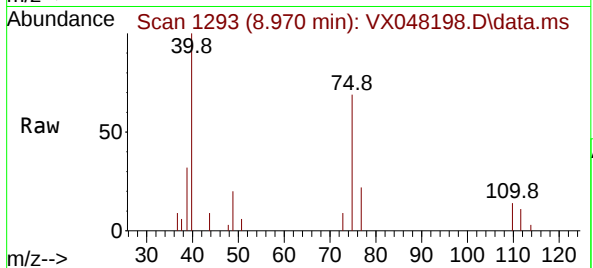
VSTDIC001

Tgt Ion: 75 Resp: 2791

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 0.865 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

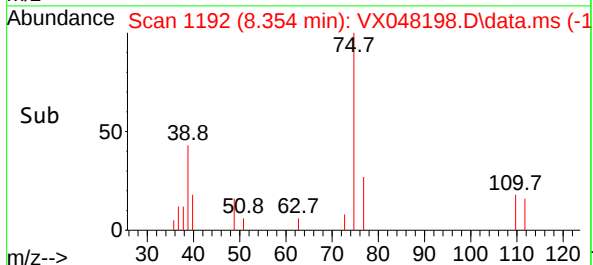
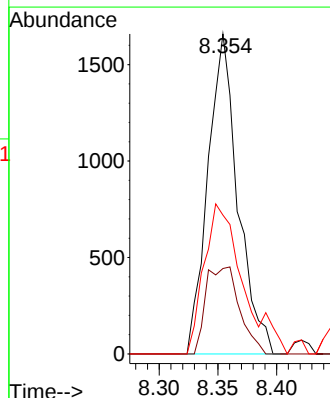
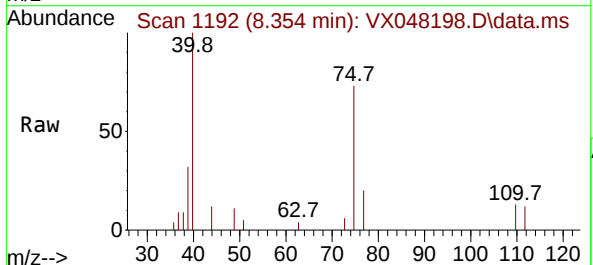
Tgt Ion: 75 Resp: 2948

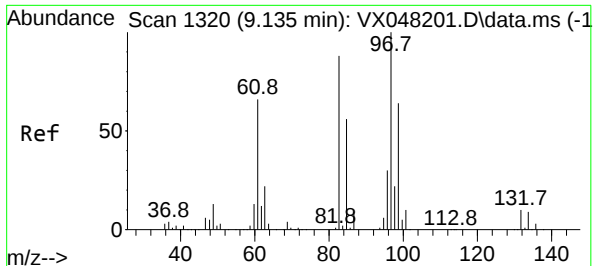
Ion Ratio Lower Upper

75 100

77 26.7 24.9 37.3

39 38.9 42.6 64.0#





#55

1,1,2-Trichloroethane

Concen: 0.956 ug/l

RT: 9.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 1817

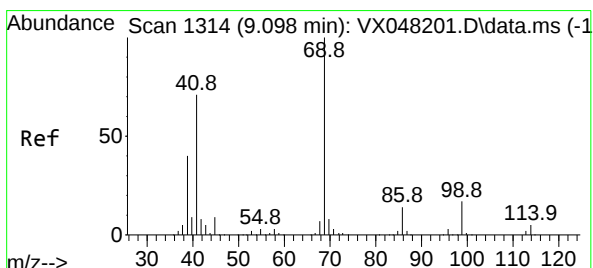
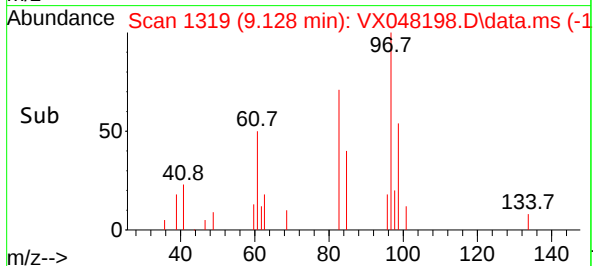
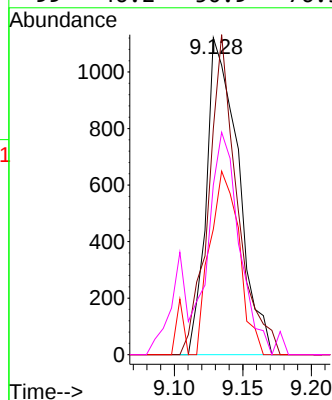
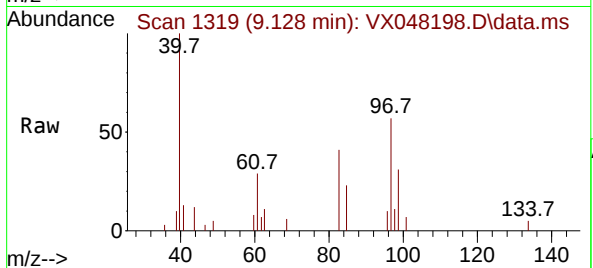
Ion Ratio Lower Upper

97 100

83 71.3 70.6 105.8

85 39.6 45.0 67.6#

99 46.2 50.9 76.3#



#56

Ethyl methacrylate

Concen: 0.722 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

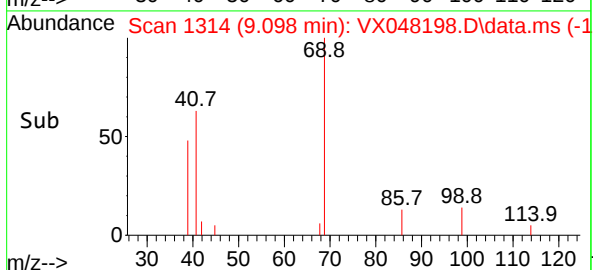
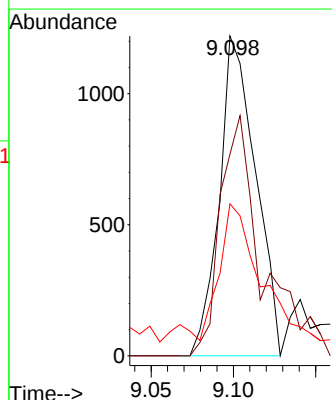
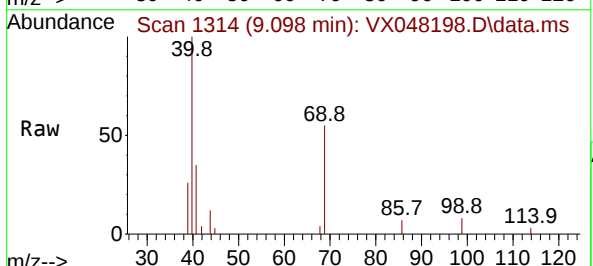
Tgt Ion: 69 Resp: 1866

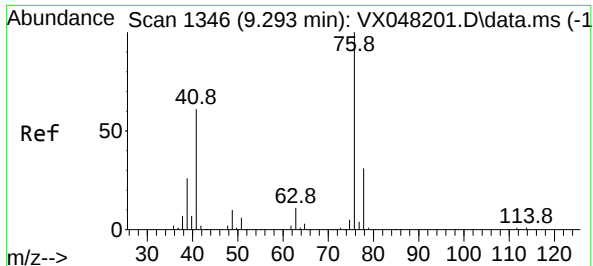
Ion Ratio Lower Upper

69 100

41 87.1 56.0 84.0#

39 62.4 31.6 47.4#

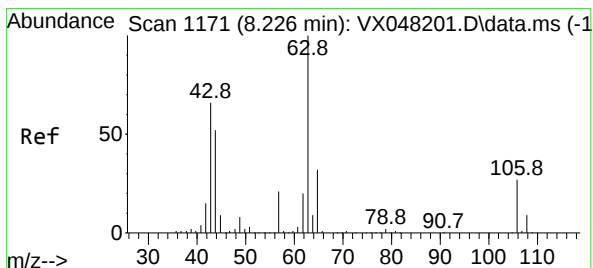
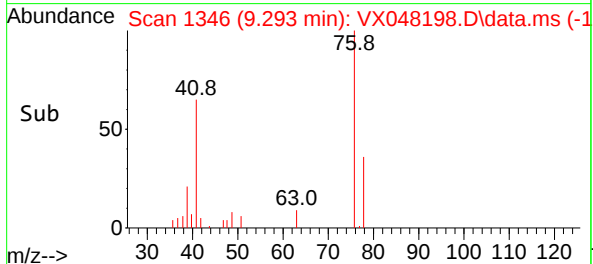
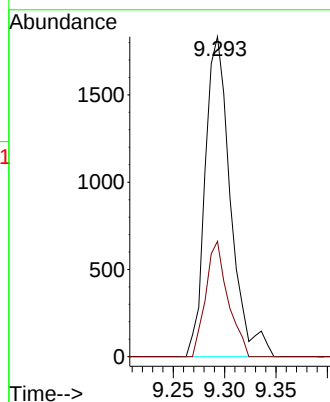
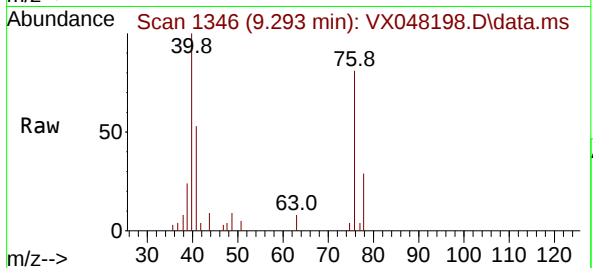




#57
1,3-Dichloropropane
Concen: 0.949 ug/l
RT: 9.293 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

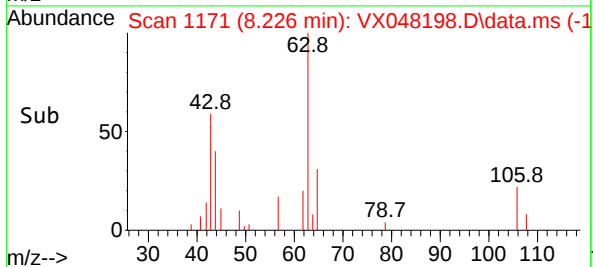
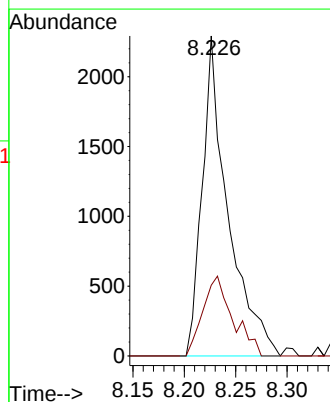
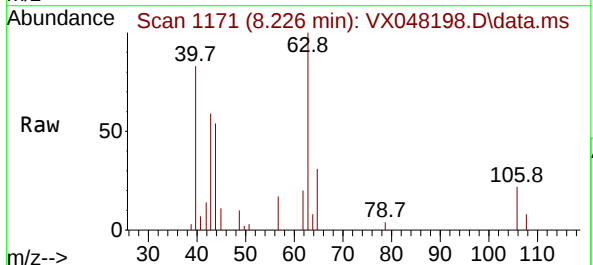
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

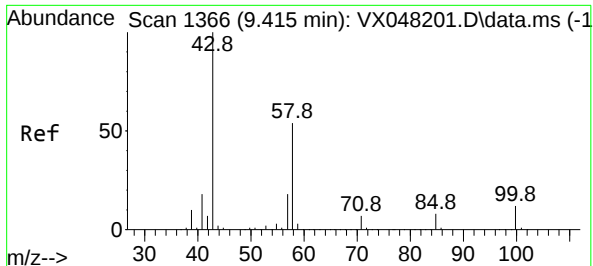
Tgt Ion: 76 Resp: 3153
Ion Ratio Lower Upper
76 100
78 31.7 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 16.697 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 63 Resp: 4001
Ion Ratio Lower Upper
63 100
106 28.9 22.2 33.2

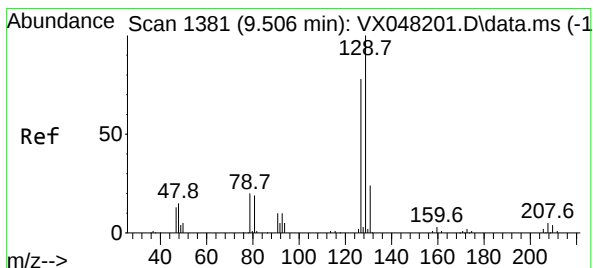
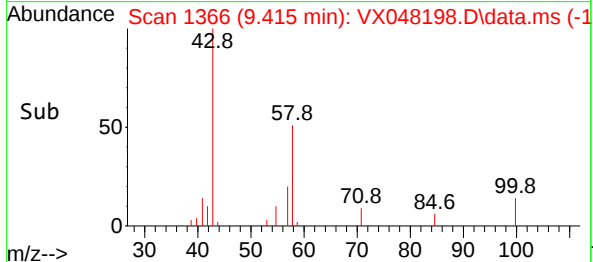
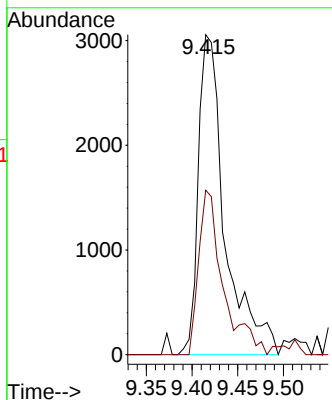
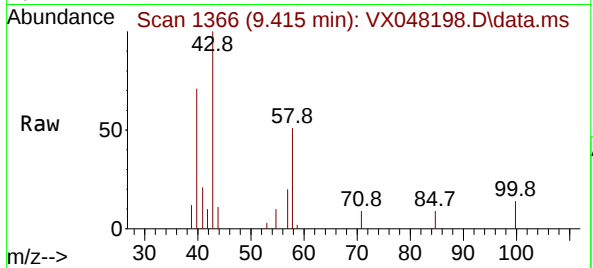




#59
2-Hexanone
Concen: 4.152 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

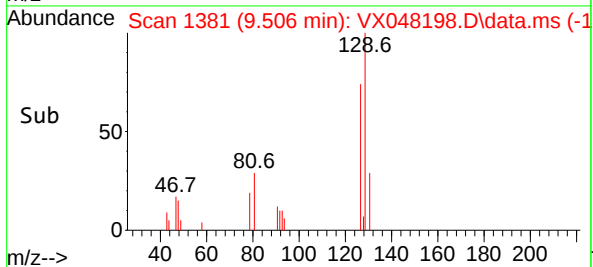
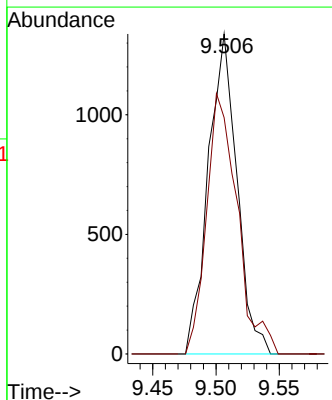
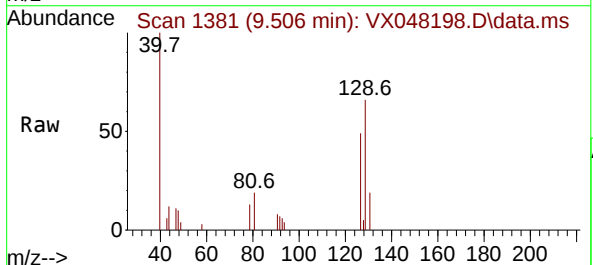
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

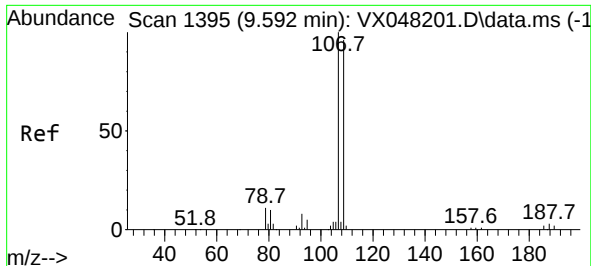
Tgt Ion: 43 Resp: 6190
Ion Ratio Lower Upper
43 100
58 46.9 26.3 78.8



#60
Dibromochloromethane
Concen: 0.888 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 129 Resp: 2113
Ion Ratio Lower Upper
129 100
127 87.2 38.6 115.7

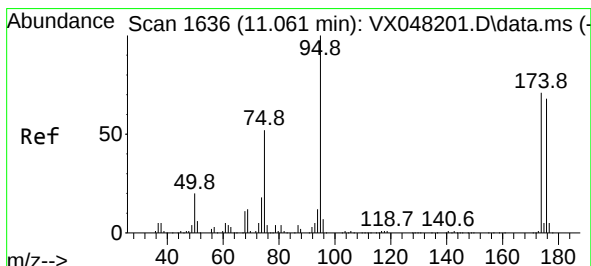
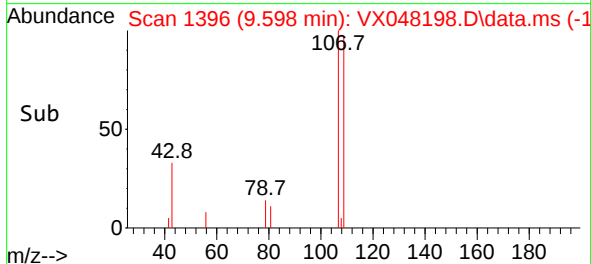
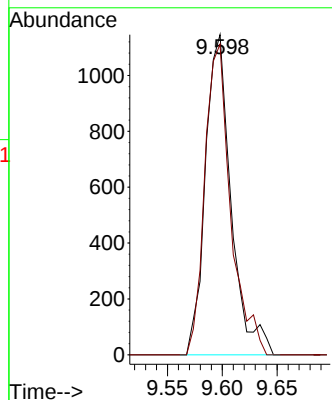
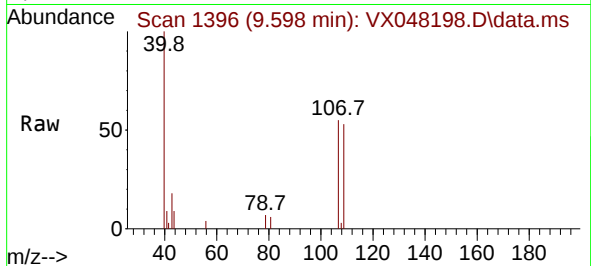




#61
1,2-Dibromoethane
Concen: 0.959 ug/l
RT: 9.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

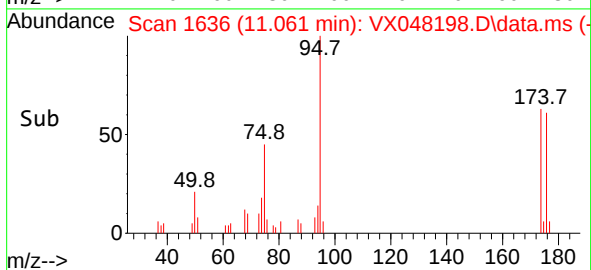
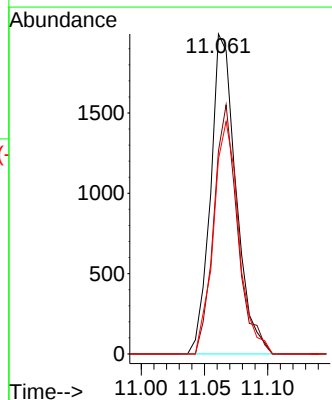
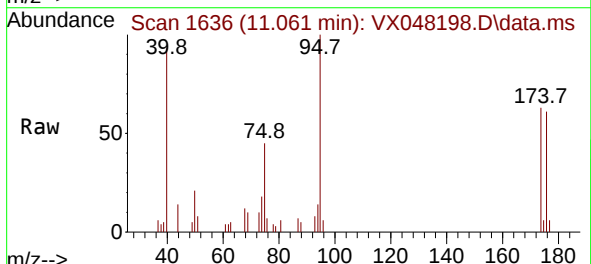
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

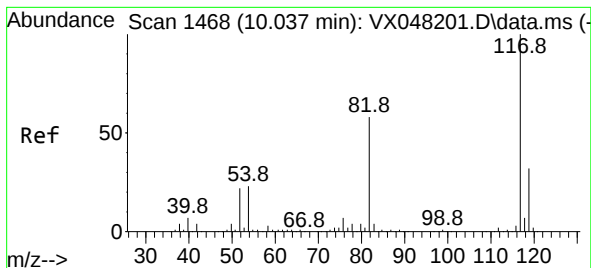
Tgt Ion:107 Resp: 1870
Ion Ratio Lower Upper
107 100
109 97.4 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 1.048 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 95 Resp: 2786
Ion Ratio Lower Upper
95 100
174 72.6 0.0 147.8
176 72.3 0.0 142.8

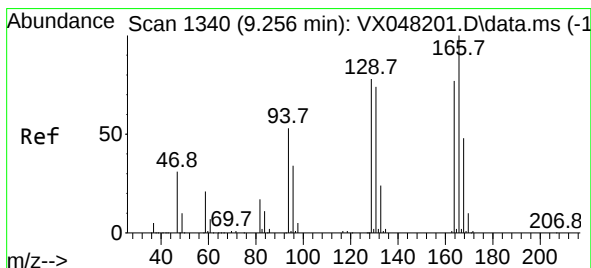
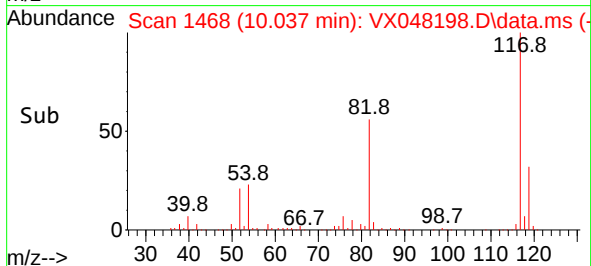
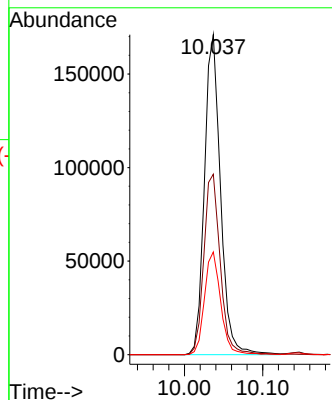
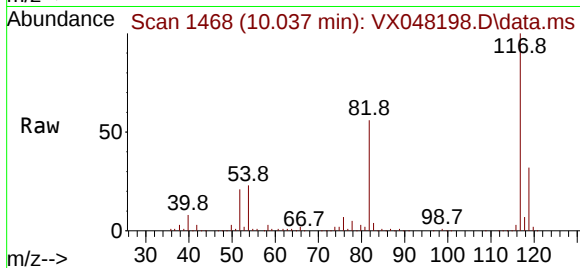




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

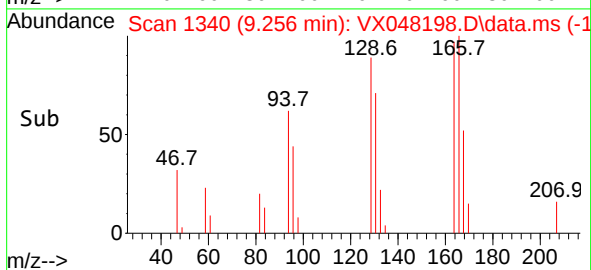
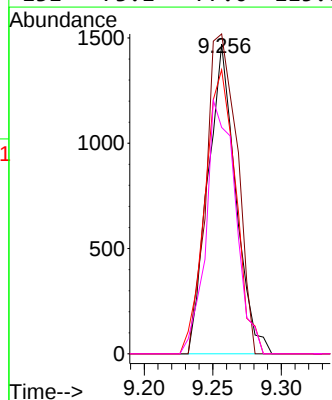
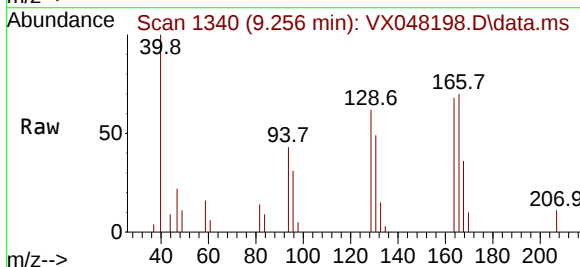
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

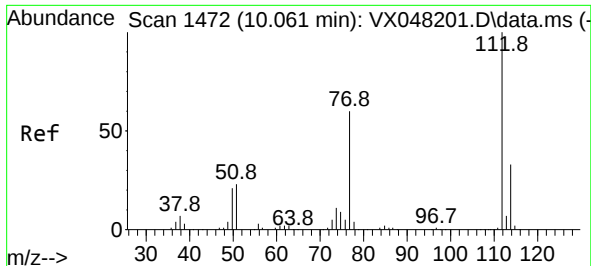
Tgt Ion:117 Resp: 244053
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 1.217 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:164 Resp: 2082
Ion Ratio Lower Upper
164 100
166 103.3 104.5 156.7#
129 91.7 81.8 122.6
131 73.1 77.0 115.6#

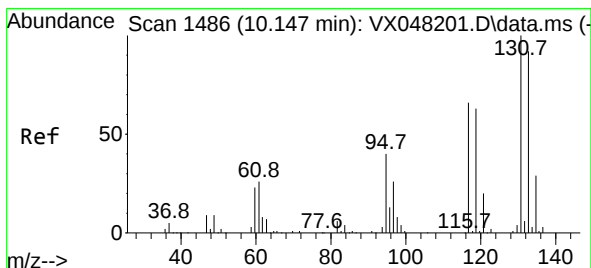
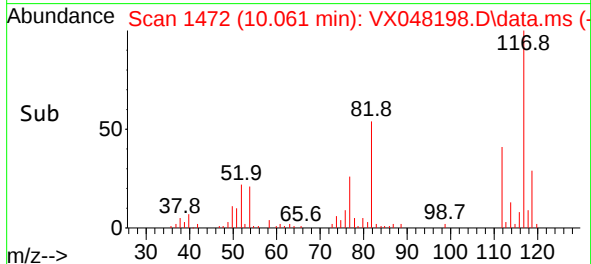
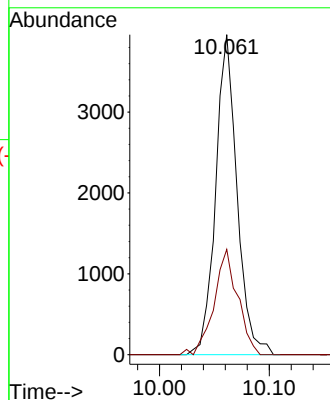
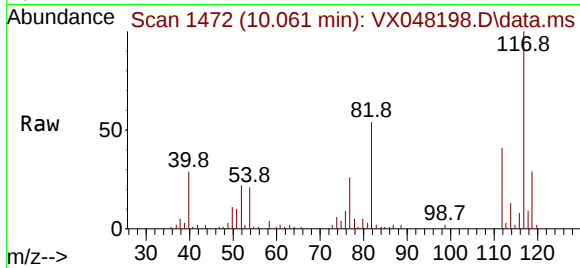




#65
Chlorobenzene
Concen: 1.005 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

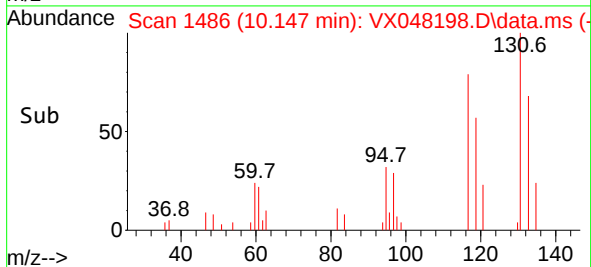
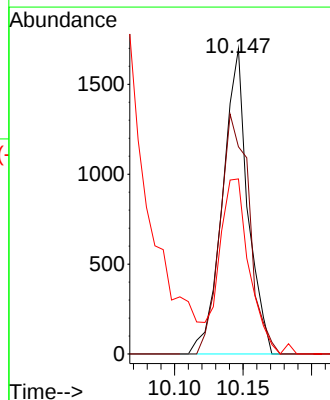
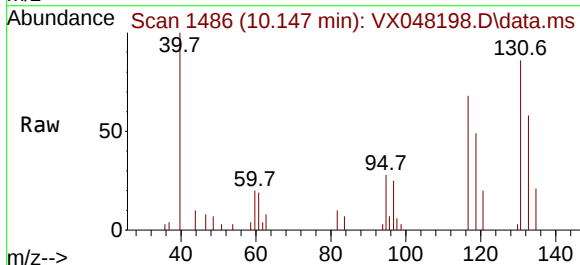
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

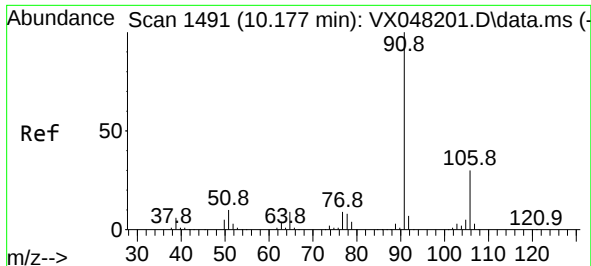
Tgt Ion:112 Resp: 5363
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 1.134 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:131 Resp: 2180
Ion Ratio Lower Upper
131 100
133 90.8 47.6 142.8
119 0.0 32.5 97.5#





#67

Ethyl Benzene

Concen: 0.972 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

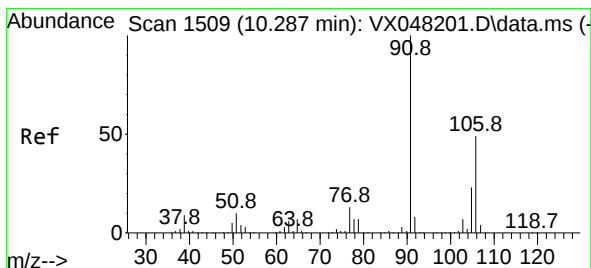
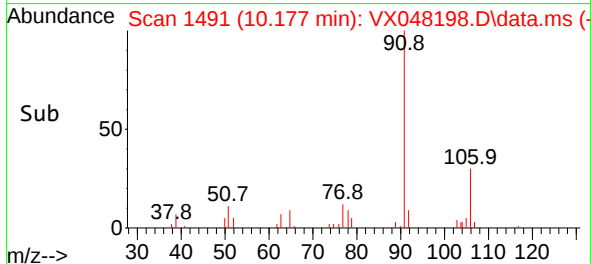
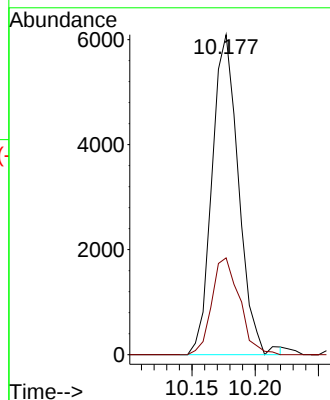
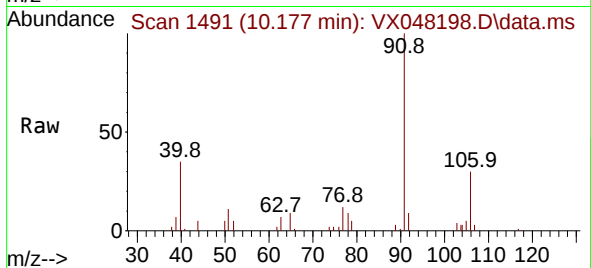
VSTDIC001

Tgt Ion: 91 Resp: 8889

Ion Ratio Lower Upper

91 100

106 30.3 23.8 35.6



#68

m/p-Xylenes

Concen: 1.883 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048198.D

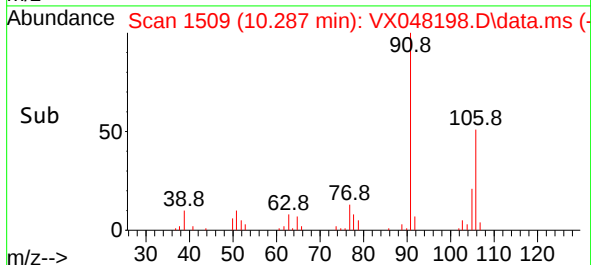
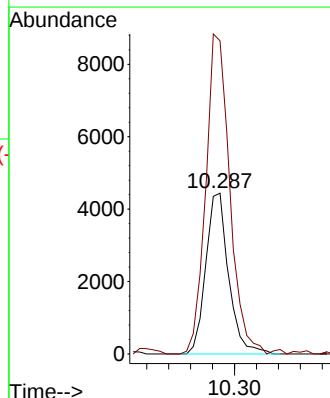
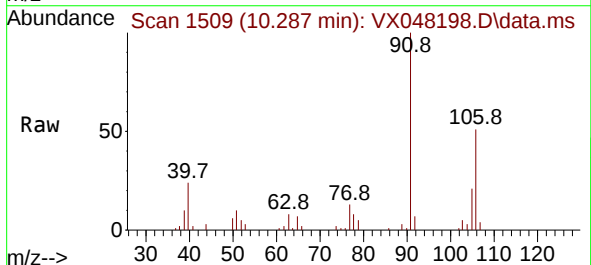
Acq: 17 Oct 2025 08:45

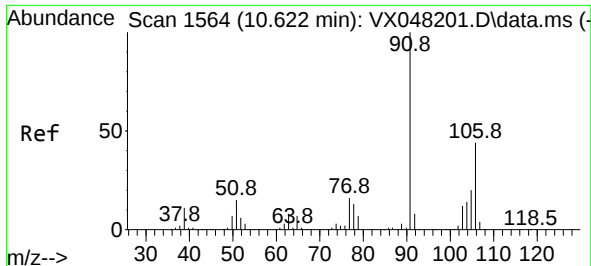
Tgt Ion: 106 Resp: 6418

Ion Ratio Lower Upper

106 100

91 209.6 167.9 251.9





#69

o-Xylene

Concen: 0.964 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

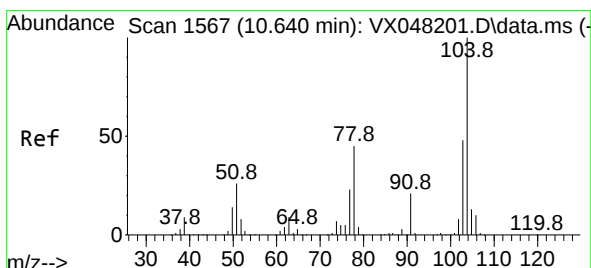
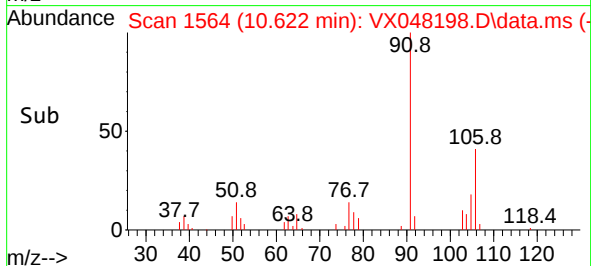
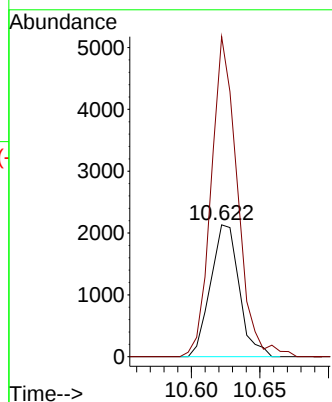
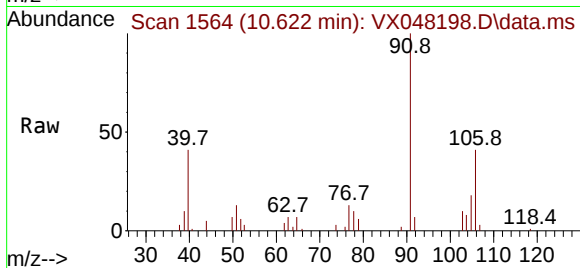
VSTDIC001

Tgt Ion:106 Resp: 3094

Ion Ratio Lower Upper

106 100

91 222.8 111.3 333.9



#70

Styrene

Concen: 0.871 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

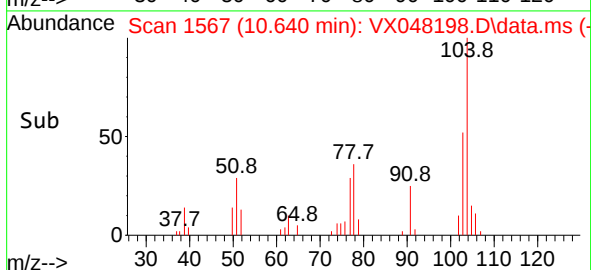
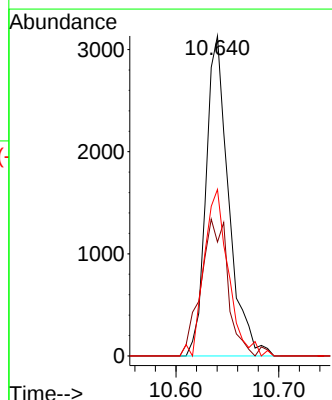
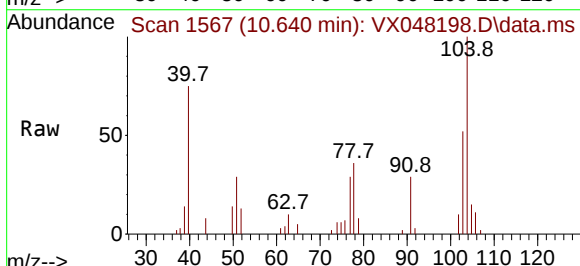
Tgt Ion:104 Resp: 4811

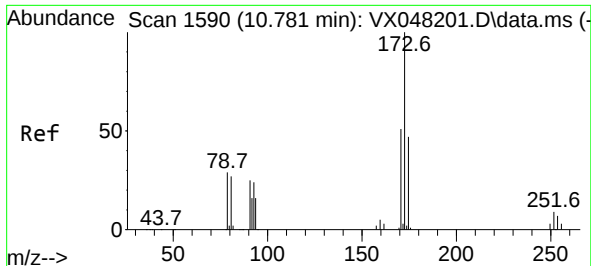
Ion Ratio Lower Upper

104 100

78 50.8 42.2 63.4

103 55.7 43.0 64.4

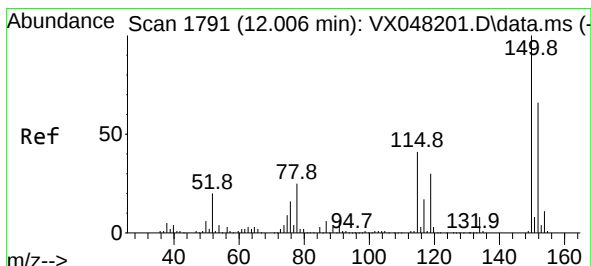
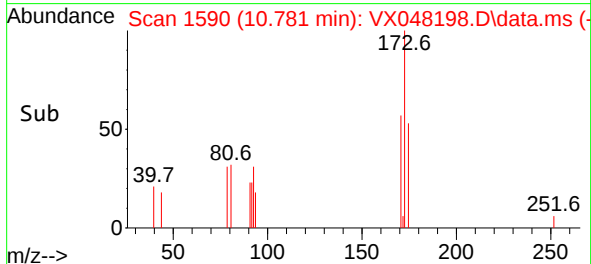
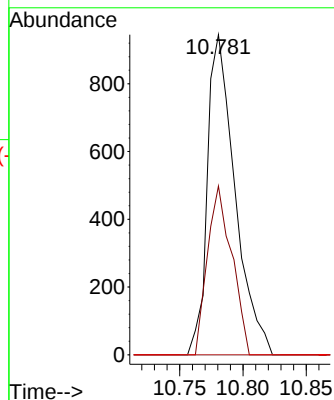
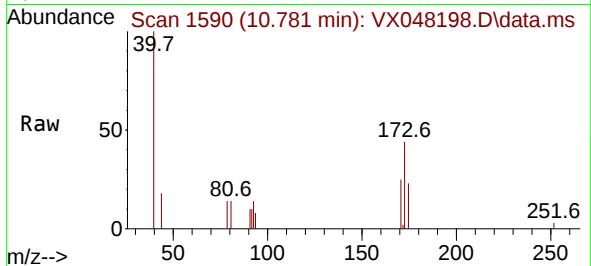




#71
Bromoform
Concen: 1.014 ug/l
RT: 10.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

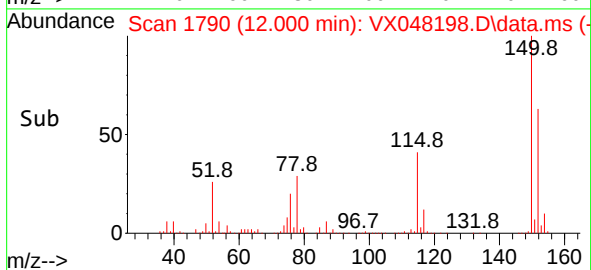
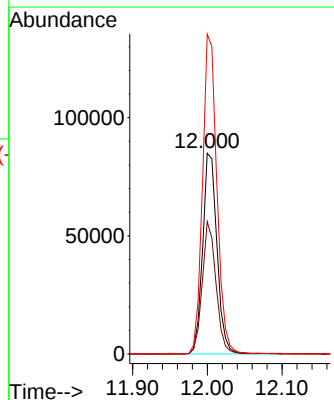
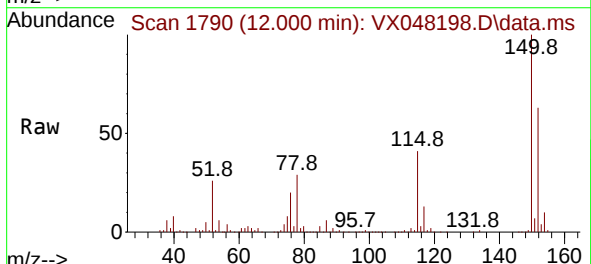
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

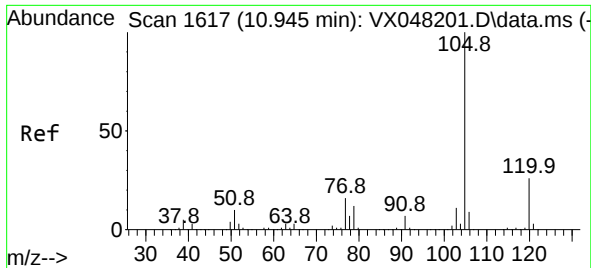
Tgt Ion:173 Resp: 1432
Ion Ratio Lower Upper
173 100
175 46.6 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:152 Resp: 113449
Ion Ratio Lower Upper
152 100
115 63.1 43.1 129.4
150 158.3 0.0 353.0

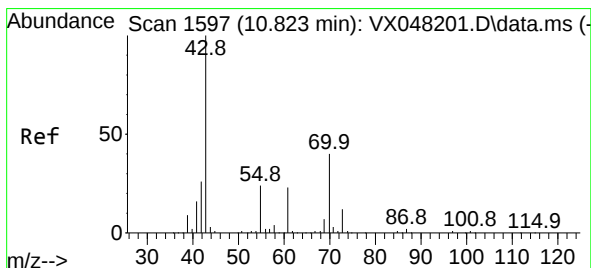
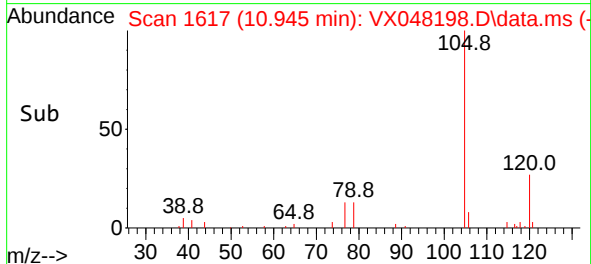
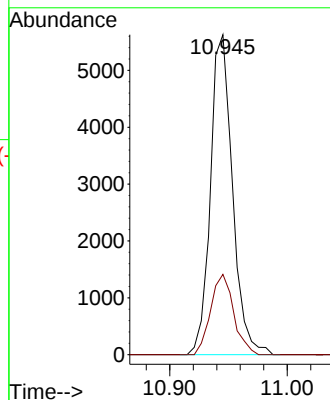
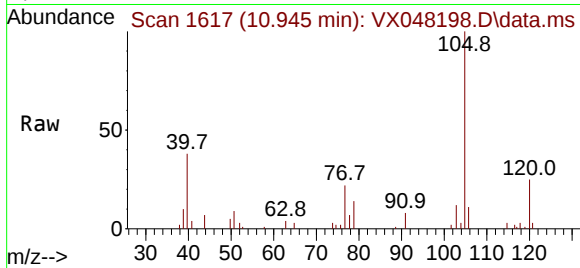




#73
Isopropylbenzene
Concen: 0.930 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

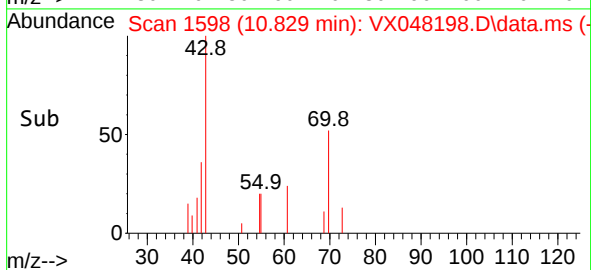
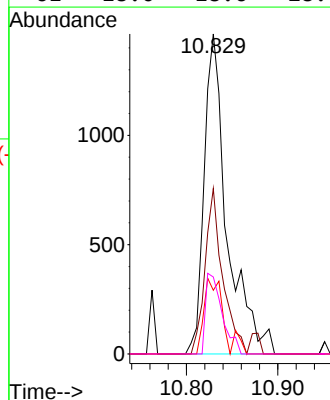
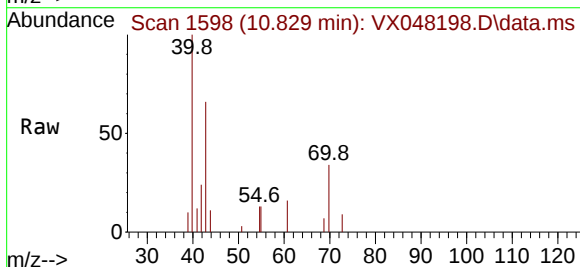
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

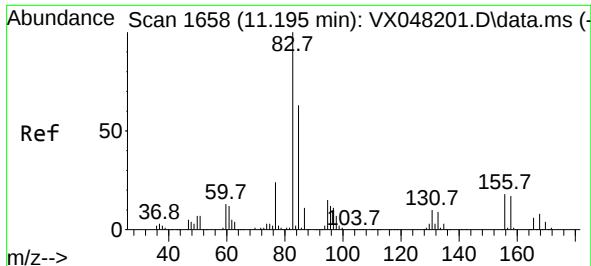
Tgt Ion:105 Resp: 7339
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 0.867 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
70 39.6 32.2 48.2
55 17.7 19.1 28.7#
61 18.0 18.6 28.0#

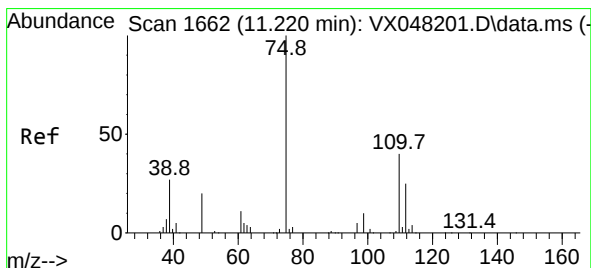
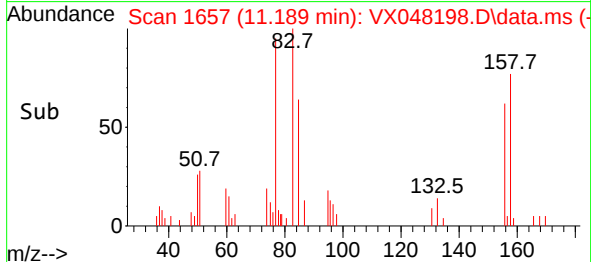
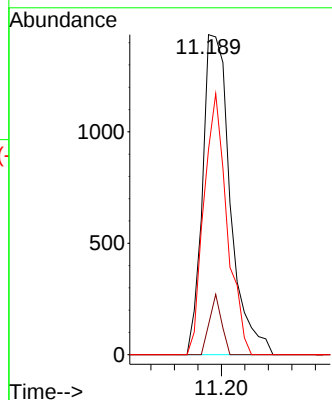
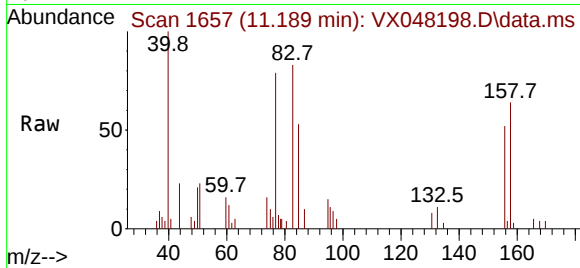




#75
1,1,2,2-Tetrachloroethane
Concen: 1.056 ug/l
RT: 11.189 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

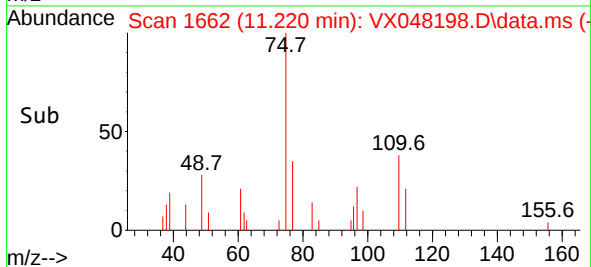
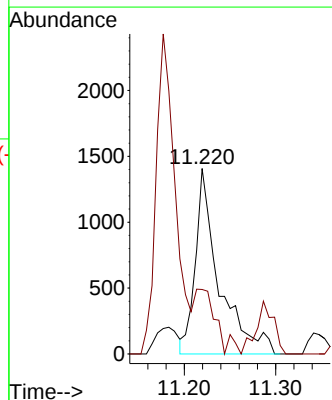
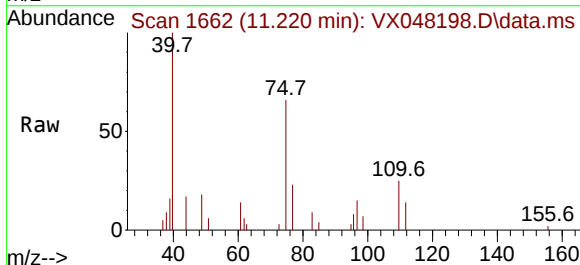
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

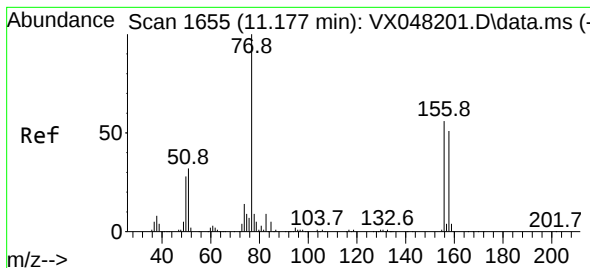
Tgt Ion: 83 Resp: 2360
Ion Ratio Lower Upper
83 100
131 8.1 4.8 14.4
85 67.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 1.464 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 75 Resp: 2536
Ion Ratio Lower Upper
75 100
77 31.8 22.4 67.2





#77

Bromobenzene

Concen: 1.022 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

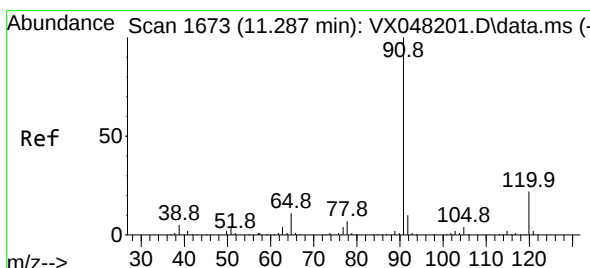
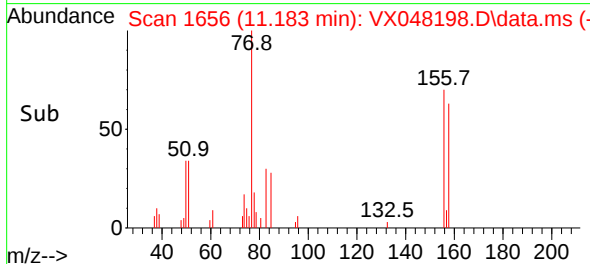
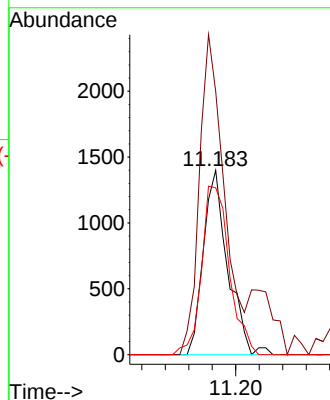
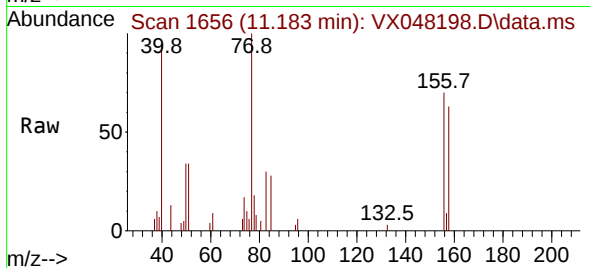
Tgt Ion:156 Resp: 2018

Ion Ratio Lower Upper

156 100

77 175.6 87.0 261.0

158 103.7 47.8 143.4



#78

n-propylbenzene

Concen: 0.972 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048198.D

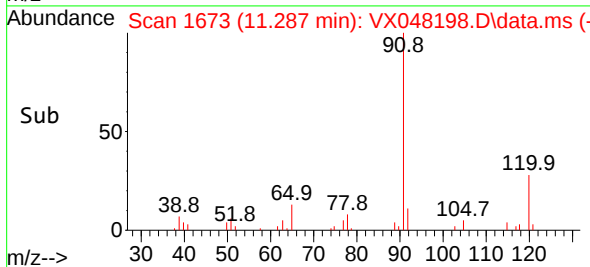
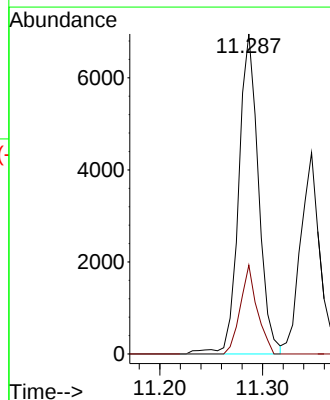
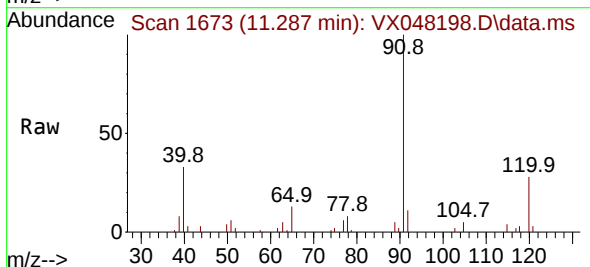
Acq: 17 Oct 2025 08:45

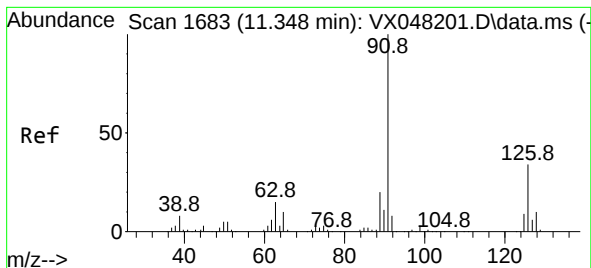
Tgt Ion: 91 Resp: 9298

Ion Ratio Lower Upper

91 100

120 23.7 11.1 33.1

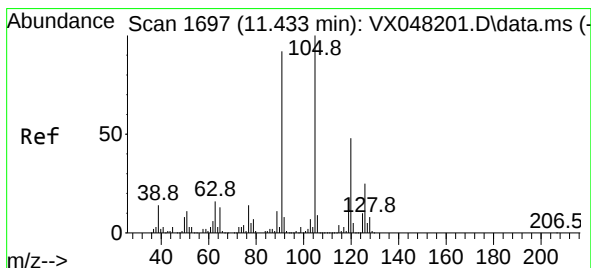
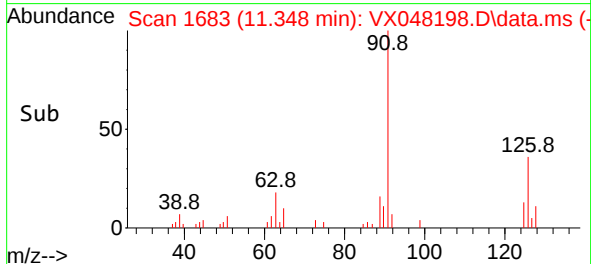
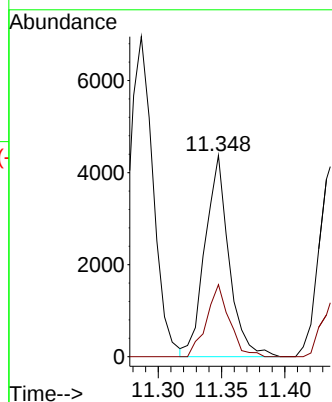
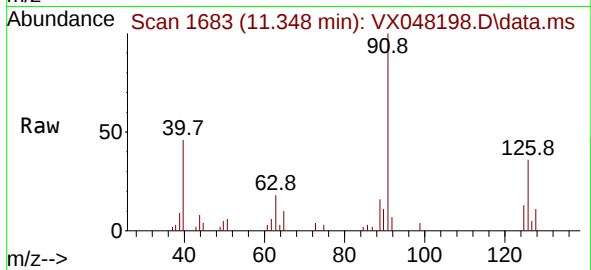




#79
2-Chlorotoluene
Concen: 1.000 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

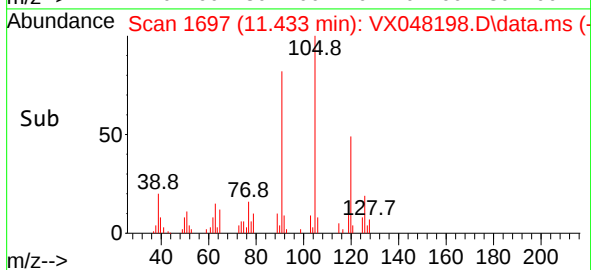
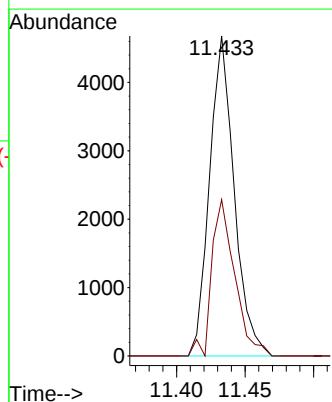
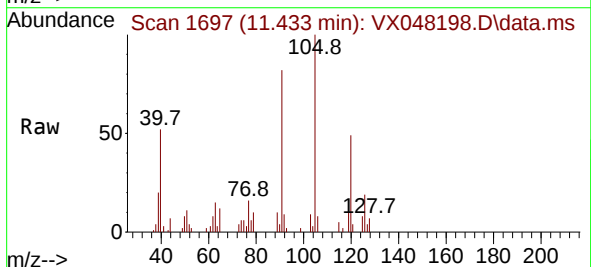
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

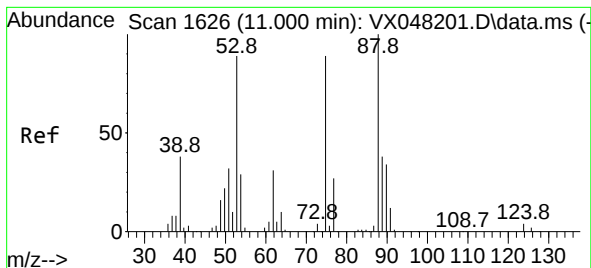
Tgt Ion: 91 Resp: 5779
Ion Ratio Lower Upper
91 100
126 34.0 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 0.905 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 105 Resp: 5860
Ion Ratio Lower Upper
105 100
120 45.5 24.0 72.0

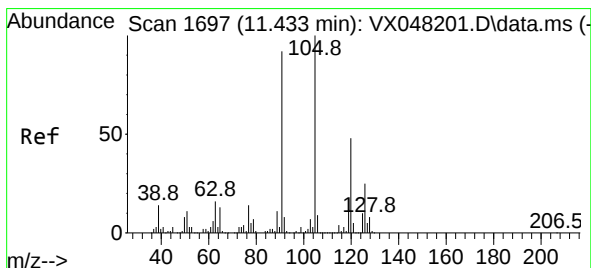
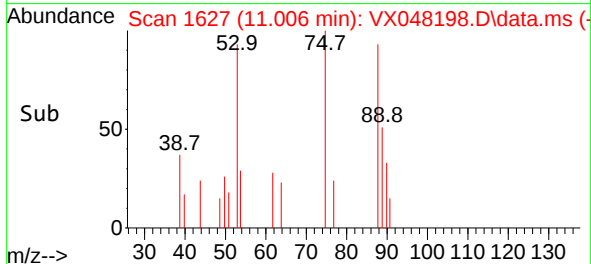
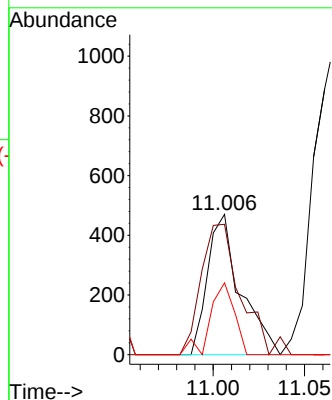
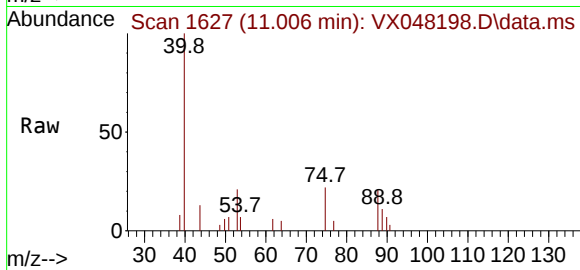




#81
trans-1,4-Dichloro-2-butene
Concen: 0.837 ug/l
RT: 11.006 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

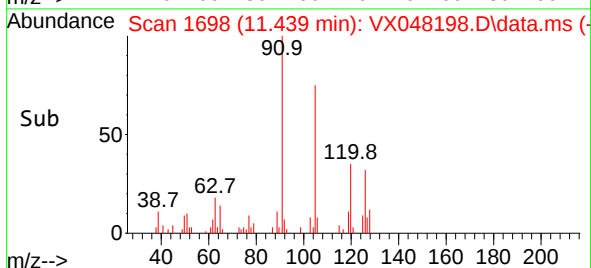
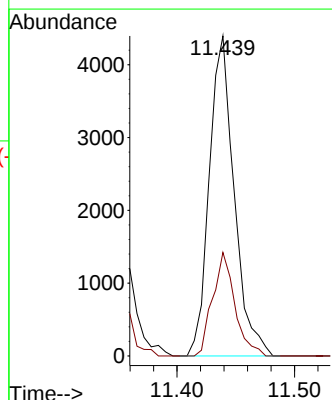
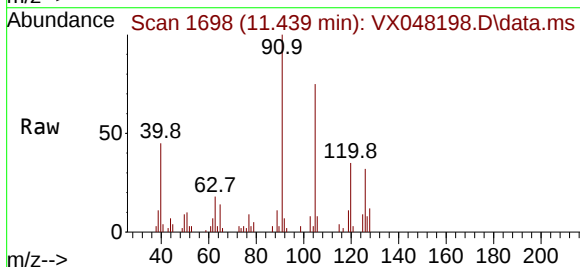
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

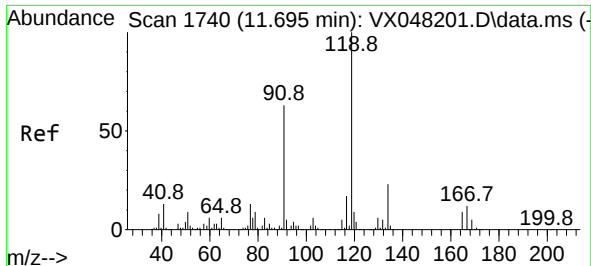
Tgt Ion: 75 Resp: 592
Ion Ratio Lower Upper
75 100
53 111.5 79.5 119.3
89 37.3 36.8 55.2



#82
4-Chlorotoluene
Concen: 0.951 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 91 Resp: 6460
Ion Ratio Lower Upper
91 100
126 29.0 14.1 42.4

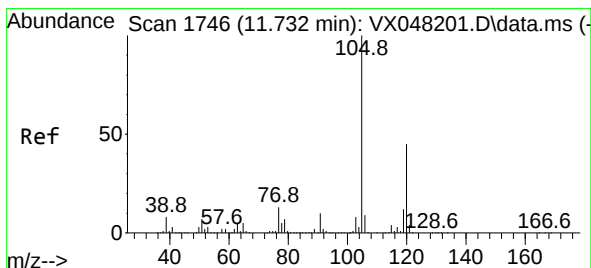
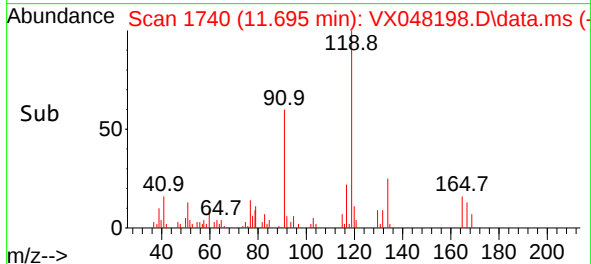
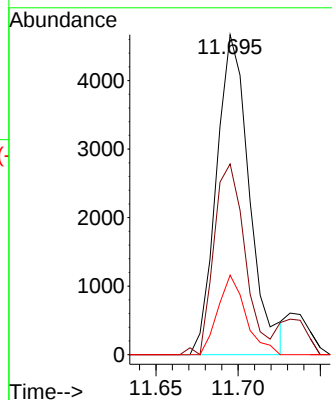
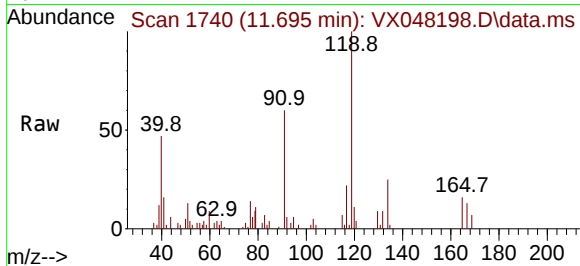




#83
tert-Butylbenzene
Concen: 0.993 ug/l
RT: 11.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

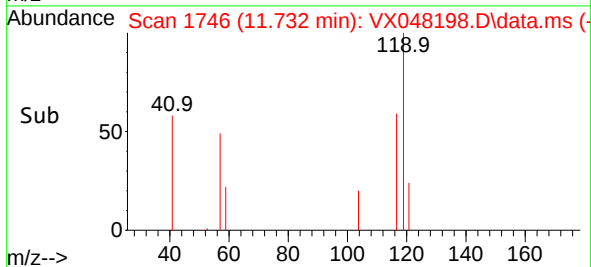
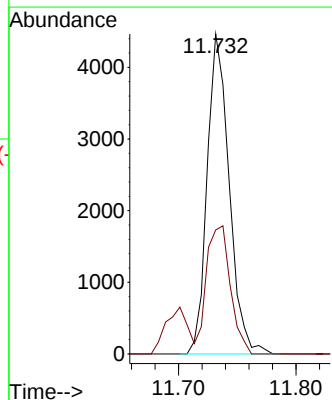
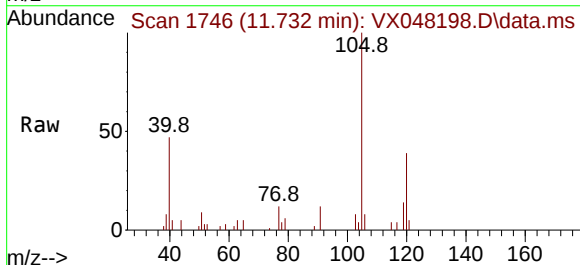
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

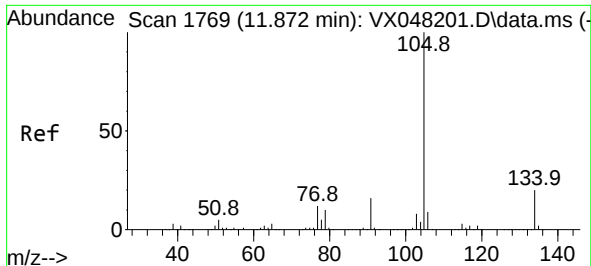
Tgt Ion:119 Resp: 6501
Ion Ratio Lower Upper
119 100
91 56.3 30.3 91.0
134 21.1 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 0.901 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:105 Resp: 5810
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.5

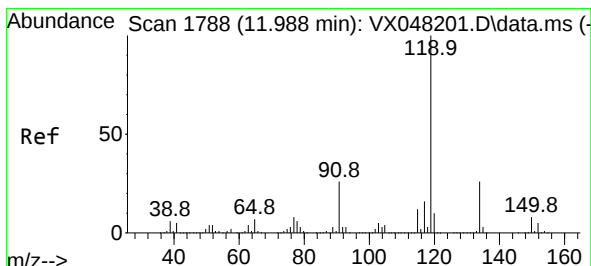
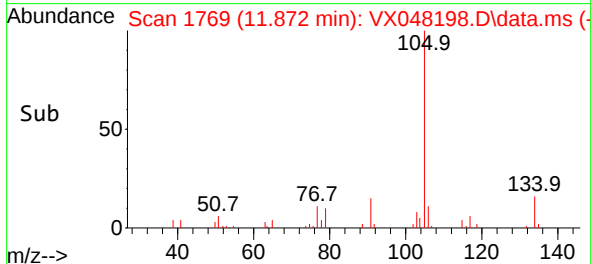
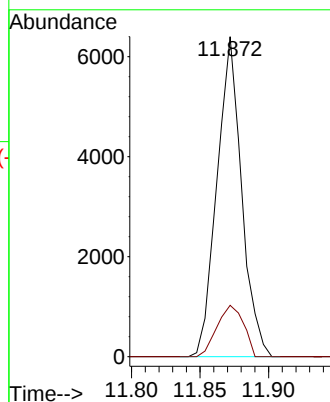
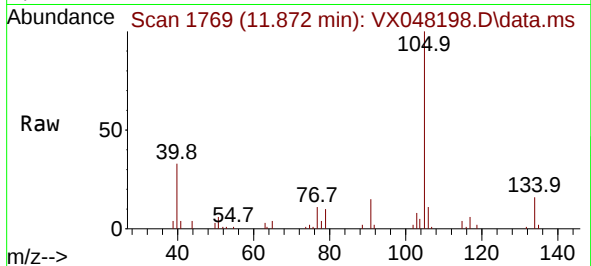




#85
 sec-Butylbenzene
 Concen: 0.999 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048198.D
 Acq: 17 Oct 2025 08:45

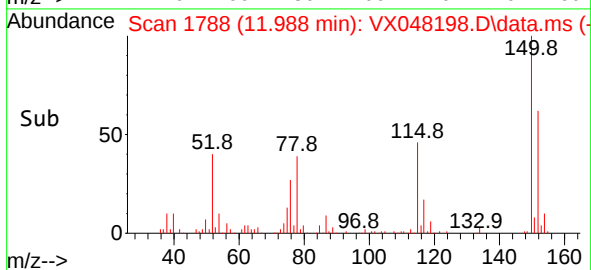
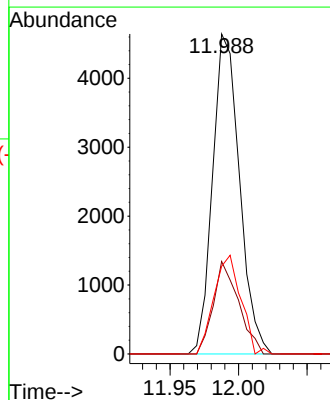
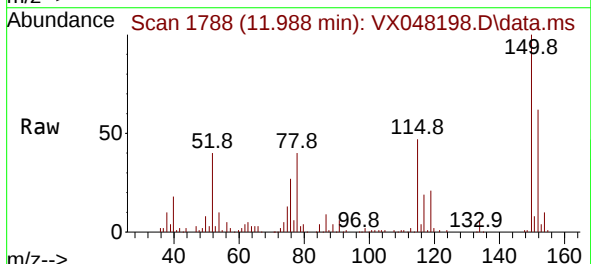
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

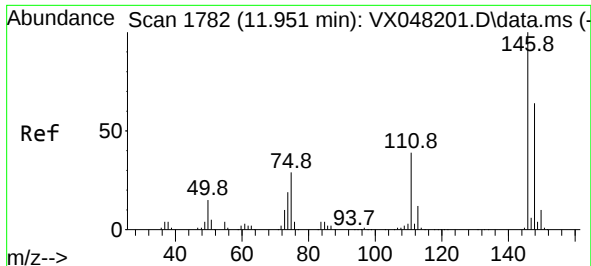
Tgt Ion:105 Resp: 7990
 Ion Ratio Lower Upper
 105 100
 134 17.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.939 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048198.D
 Acq: 17 Oct 2025 08:45

Tgt Ion:119 Resp: 6330
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.0 39.0
 91 30.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 1.058 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

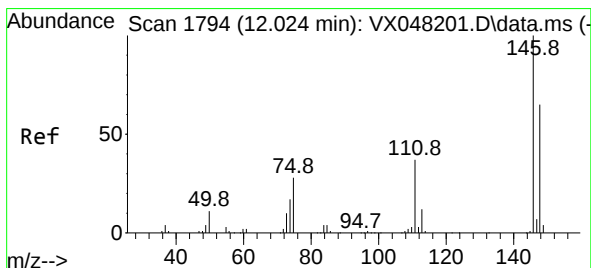
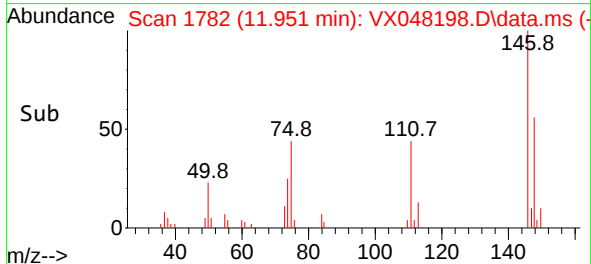
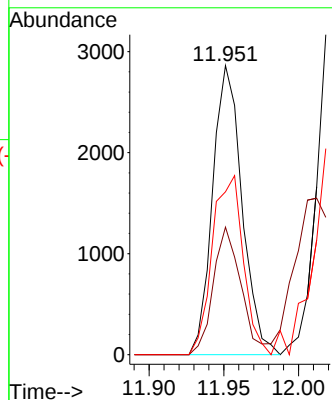
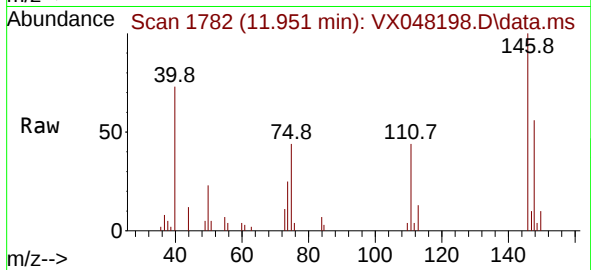
Tgt Ion:146 Resp: 3908

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.2

148 65.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 1.021 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.073 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

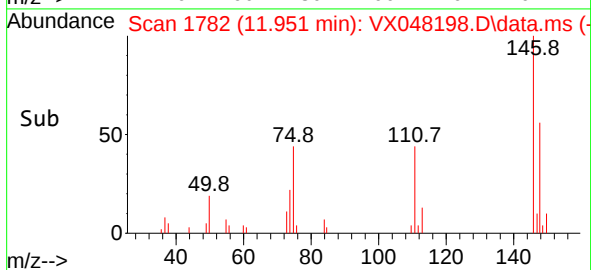
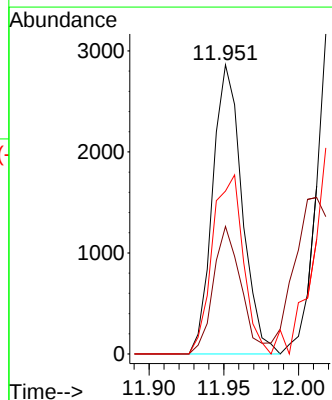
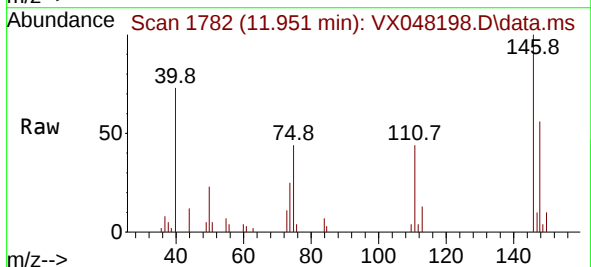
Tgt Ion:146 Resp: 3908

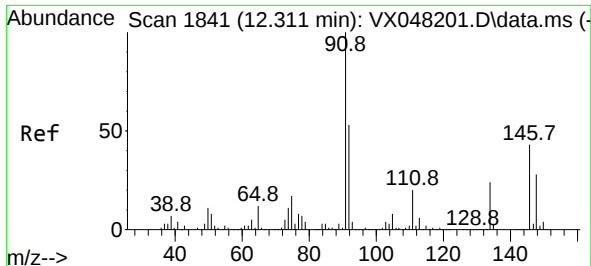
Ion Ratio Lower Upper

146 100

111 41.1 20.1 60.2

148 65.2 31.8 95.3





#89

n-Butylbenzene

Concen: 1.016 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

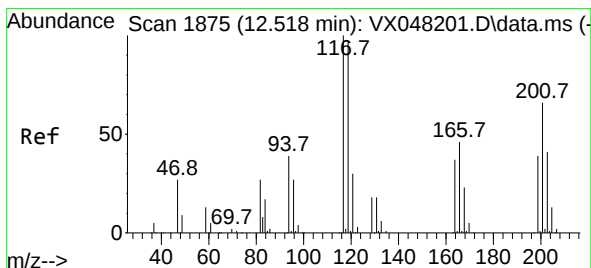
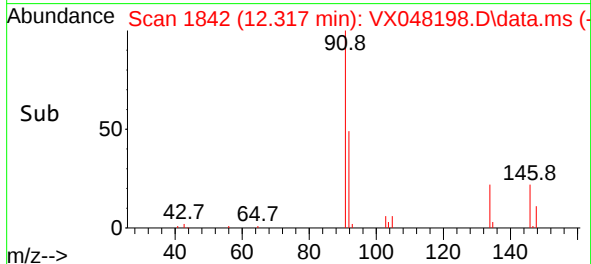
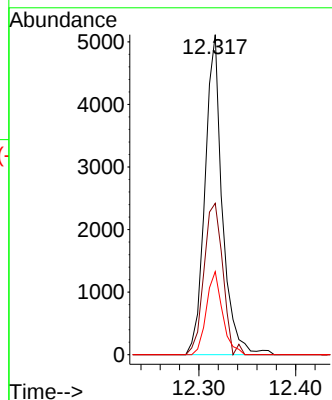
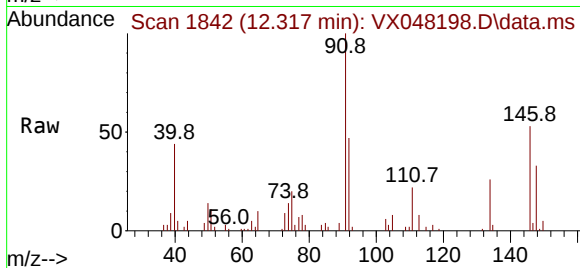
Tgt Ion: 91 Resp: 6382

Ion Ratio Lower Upper

91 100

92 51.4 26.9 80.6

134 24.2 12.7 38.1



#90

Hexachloroethane

Concen: 1.171 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048198.D

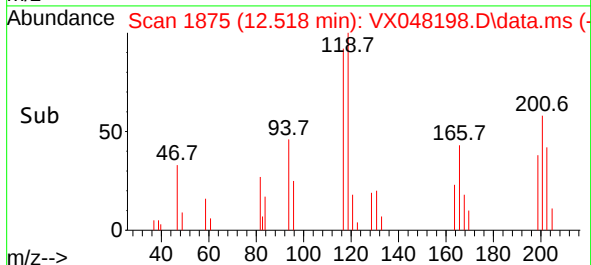
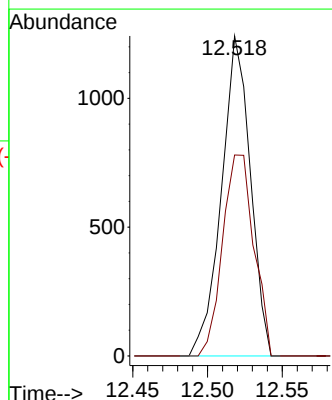
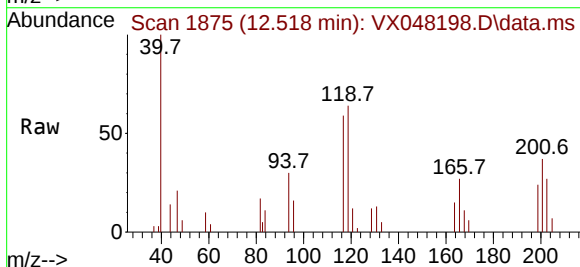
Acq: 17 Oct 2025 08:45

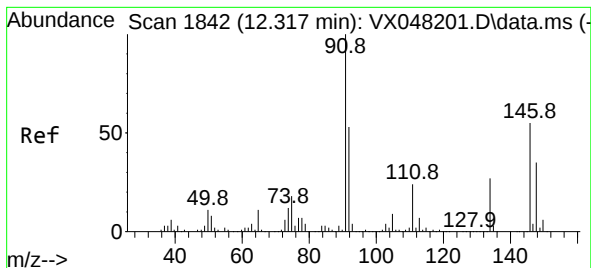
Tgt Ion: 117 Resp: 1666

Ion Ratio Lower Upper

117 100

201 68.1 34.1 102.2





#91

1,2-Dichlorobenzene

Concen: 1.035 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

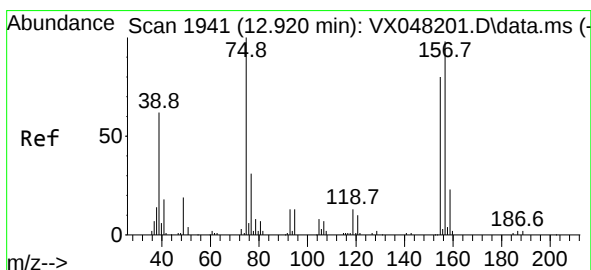
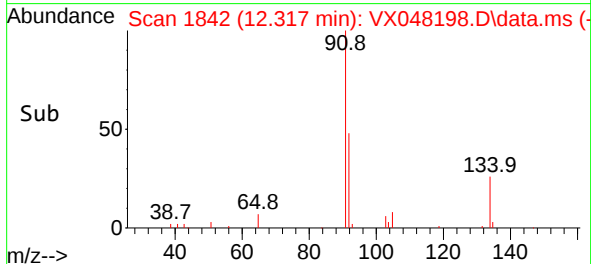
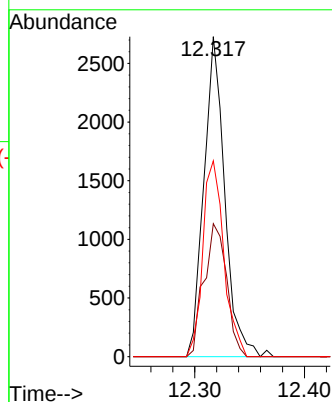
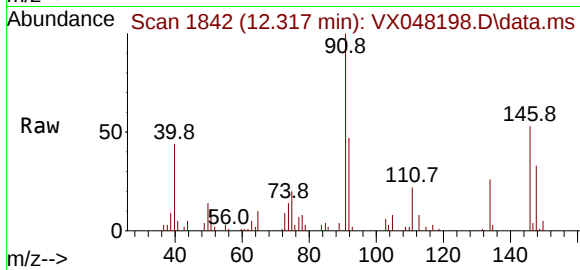
Tgt Ion:146 Resp: 3611

Ion Ratio Lower Upper

146 100

111 45.0 21.9 65.5

148 61.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.102 ug/l

RT: 12.927 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

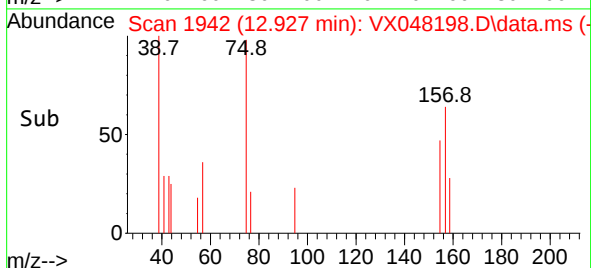
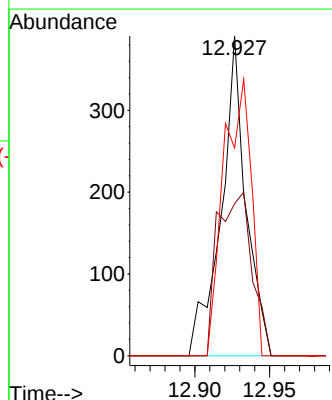
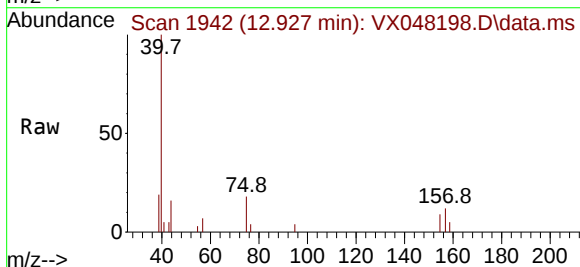
Tgt Ion: 75 Resp: 450

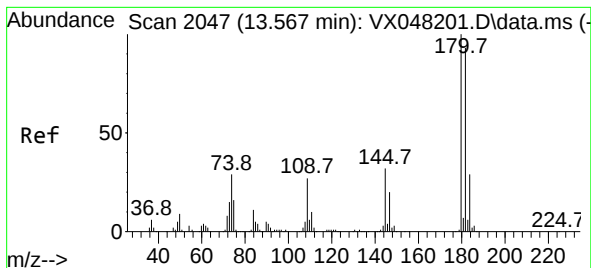
Ion Ratio Lower Upper

75 100

155 71.1 42.8 128.4

157 96.4 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 1.034 ug/l

RT: 13.573 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

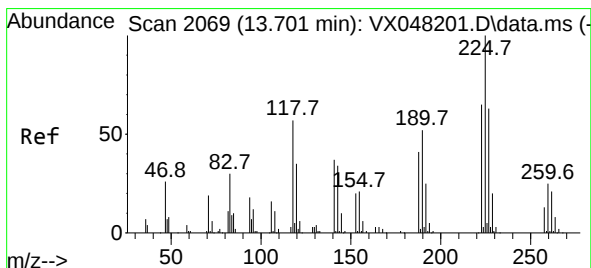
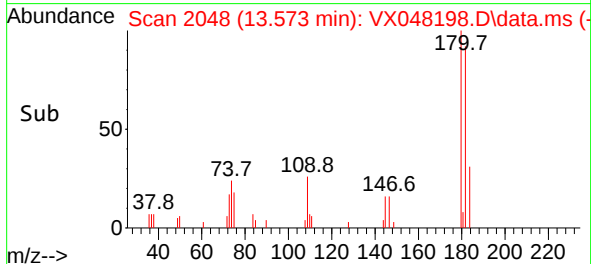
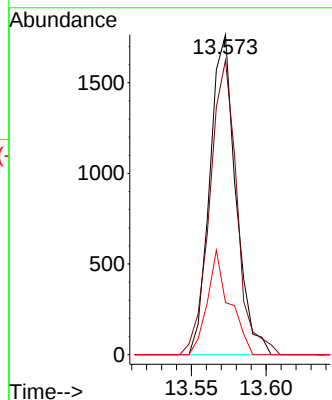
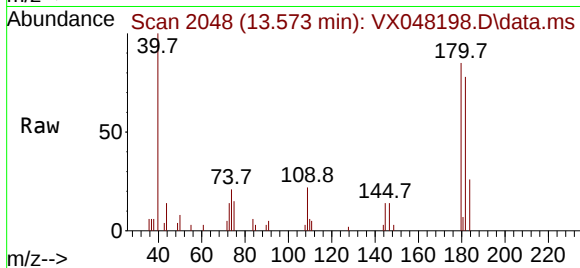
Tgt Ion:180 Resp: 2130

Ion Ratio Lower Upper

180 100

182 96.2 47.3 142.0

145 27.8 16.3 48.9



#94

Hexachlorobutadiene

Concen: 1.329 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

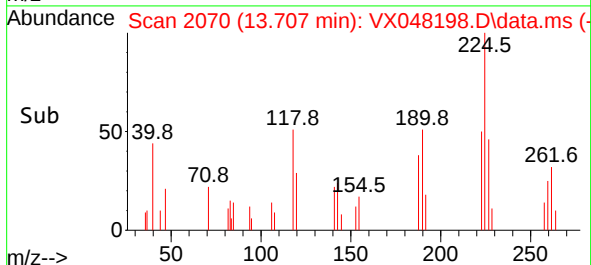
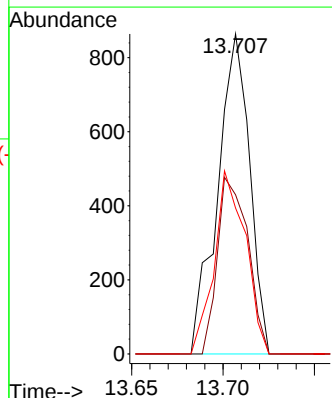
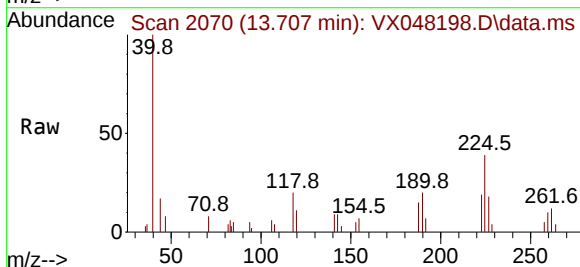
Tgt Ion:225 Resp: 1056

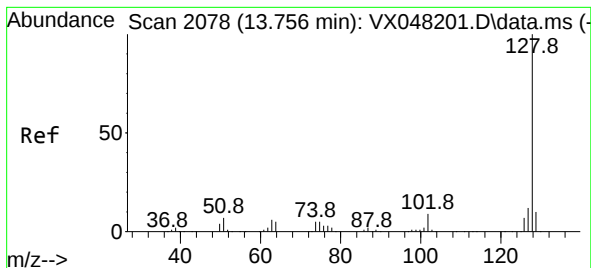
Ion Ratio Lower Upper

225 100

223 52.3 32.6 97.7

227 55.4 32.5 97.4





#95

Naphthalene

Concen: 0.819 ug/l

RT: 13.756 min Scan# 2109

Delta R.T. -0.000 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

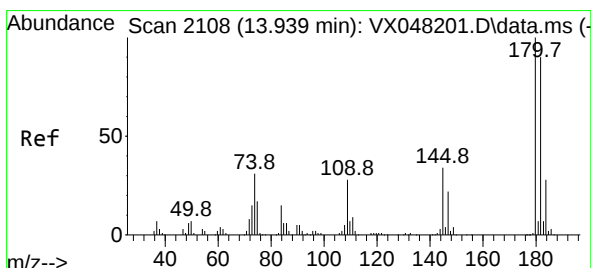
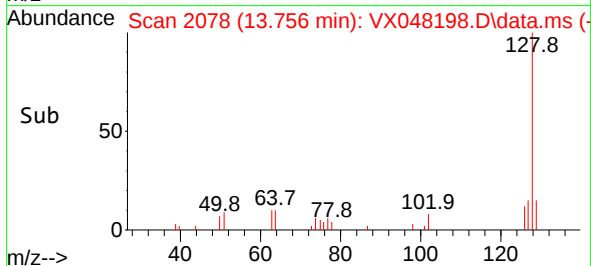
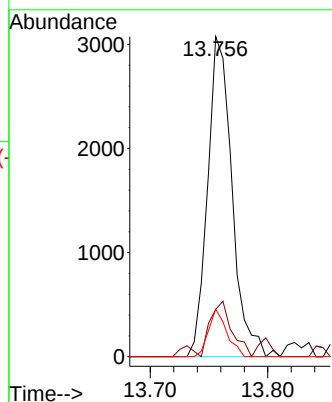
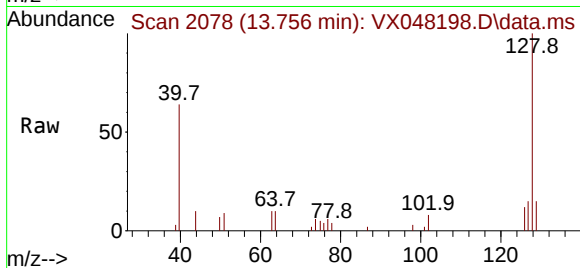
Tgt Ion:128 Resp: 4447

Ion Ratio Lower Upper

128 100

127 17.3 10.2 15.4#

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.925 ug/l

RT: 13.945 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX048198.D

Acq: 17 Oct 2025 08:45

Tgt Ion:180 Resp: 1758

Ion Ratio Lower Upper

180 100

182 105.1 46.6 139.7

145 37.4 16.9 50.7

