

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048206.D
 Acq On : 17 Oct 2025 12:54
 Operator : JC/MD
 Sample : VX1017MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBL01

Quant Time: Oct 18 00:16:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	81483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	166025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	86757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	65400	51.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.620%
35) Dibromofluoromethane	5.373	113	57562	49.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.634	98	212870	51.280	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.560%
62) 4-Bromofluorobenzene	11.061	95	89164	58.973	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.940%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	240	0.281	ug/l #	44
3) Chloromethane	1.306	50	367	0.354	ug/l #	77
5) Bromomethane	1.630	94	486	0.669	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.343	101	240	0.249	ug/l #	58
10) Methyl Iodide	2.465	142	1802	1.558	ug/l	97
11) Tert butyl alcohol	2.946	59	171	2.042	ug/l #	72
13) Acrolein	2.245	56	247	1.403	ug/l #	56
15) Acrylonitrile	3.074	53	472	1.176	ug/l #	86
16) Acetone	2.379	43	429	0.996	ug/l #	78
17) Carbon Disulfide	2.514	76	2998	1.032	ug/l #	92
18) Methyl Acetate	2.709	43	415	0.473	ug/l #	54
20) Methylene Chloride	2.788	84	285	0.272	ug/l #	84
21) trans-1,2-Dichloroethene	3.099	96	319	0.327	ug/l #	80
23) Vinyl Acetate	3.733	43	729	0.293	ug/l #	73
36) 1,1-Dichloropropene	5.672	75	369	0.227	ug/l #	42
38) Carbon Tetrachloride	5.537	117	8478	4.550	ug/l #	17
39) Methylcyclohexane	7.366	83	1101	0.602	ug/l #	82
51) 4-Methyl-2-Pentanone	8.561	43	707	0.583	ug/l #	62
58) 2-Chloroethyl Vinyl ether	8.244	63	189	14.526	ug/l #	47
59) 2-Hexanone	9.427	43	343	0.405	ug/l	89
64) Tetrachloroethene	9.256	164	473	0.379	ug/l	95
65) Chlorobenzene	10.061	112	817	0.210	ug/l	98
68) m/p-Xylenes	10.293	106	826	0.332	ug/l	93
73) Isopropylbenzene	10.951	105	1235	0.205	ug/l	98
76) 1,2,3-Trichloropropane	11.061	75	45035	33.994	ug/l #	33
77) Bromobenzene	11.183	156	404	0.268	ug/l	86
78) n-propylbenzene	11.286	91	2607	0.356	ug/l	96
79) 2-Chlorotoluene	11.347	91	1145	0.259	ug/l	98
80) 1,3,5-Trimethylbenzene	11.439	105	1416	0.286	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.061	75	45035	83.238	ug/l #	10
82) 4-Chlorotoluene	11.445	91	1905	0.367	ug/l	100
83) tert-Butylbenzene	11.695	119	1443	0.288	ug/l	93
84) 1,2,4-Trimethylbenzene	11.738	105	1598	0.324	ug/l	96
85) sec-Butylbenzene	11.872	105	3502	0.572	ug/l	99
86) p-Isopropyltoluene	11.994	119	3505	0.680	ug/l	91
87) 1,3-Dichlorobenzene	11.957	146	1282	0.454	ug/l	91

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Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

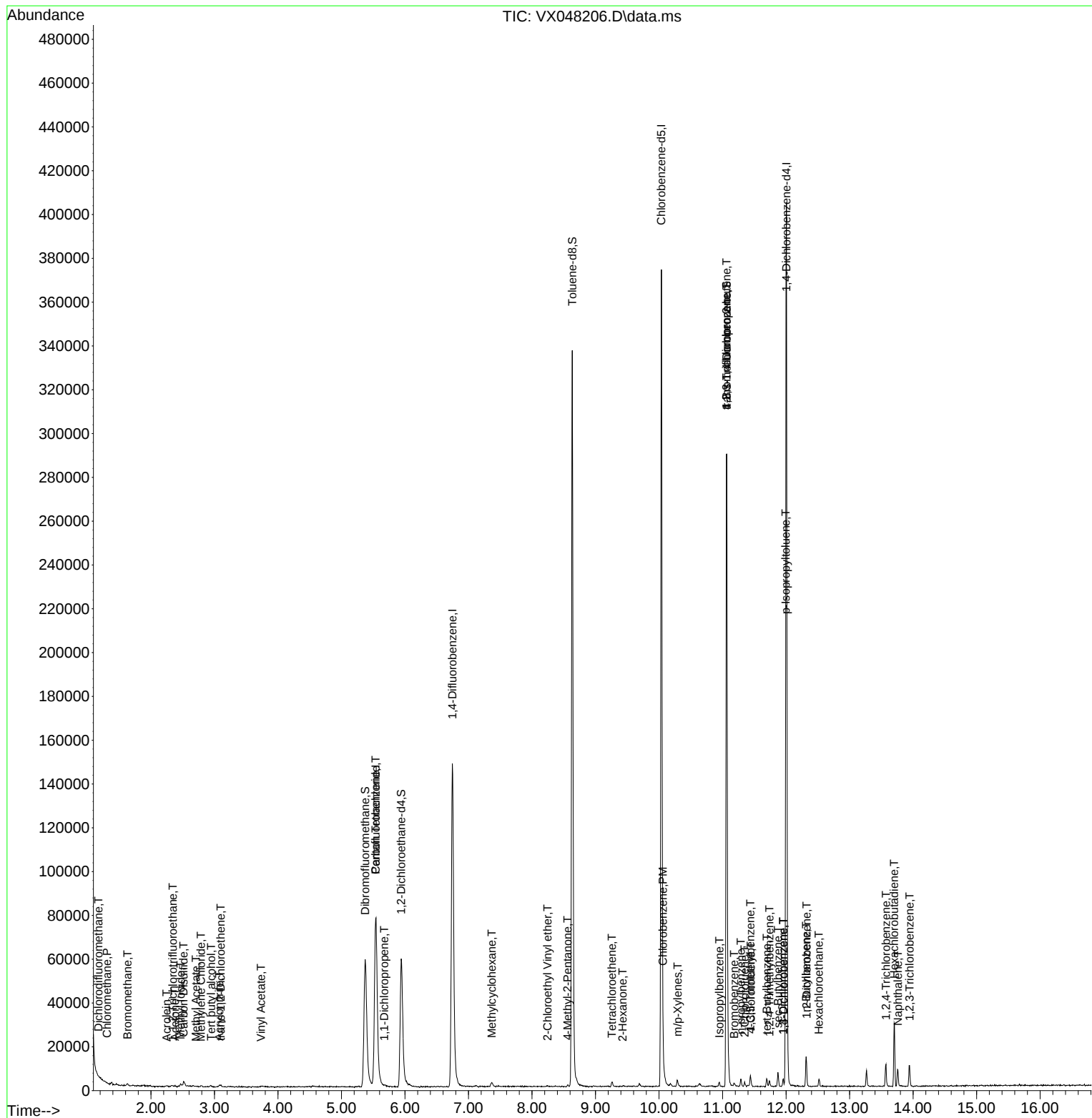
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	11.957	146	1282	0.438	ug/l	91
89) n-Butylbenzene	12.317	91	5733	1.194	ug/l	96
90) Hexachloroethane	12.518	117	610	0.560	ug/l	98
91) 1,2-Dichlorobenzene	12.323	146	999	0.374	ug/l	88
93) 1,2,4-Trichlorobenzene	13.573	180	2799	1.777	ug/l	99
94) Hexachlorobutadiene	13.701	225	3758	6.186	ug/l	91
95) Naphthalene	13.762	128	5621	1.354	ug/l	96
96) 1,2,3-Trichlorobenzene	13.944	180	2727	1.877	ug/l	97

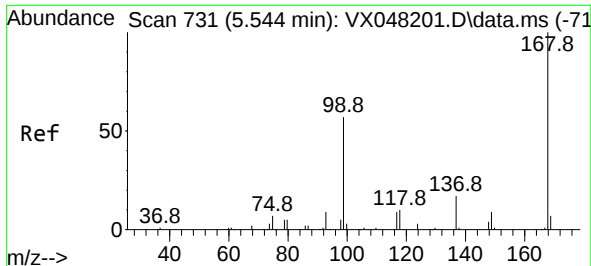
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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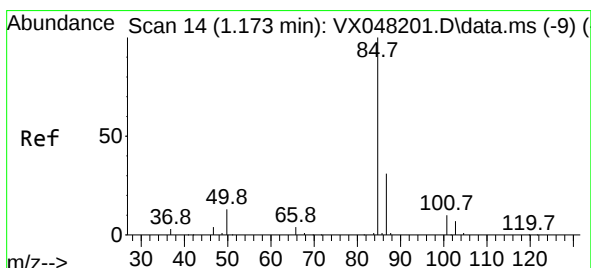
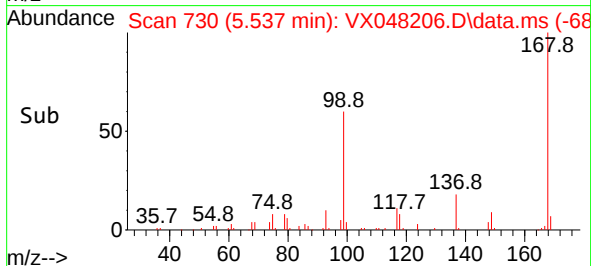
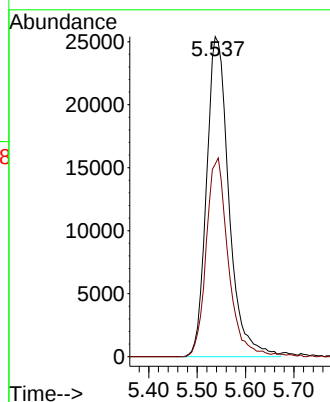
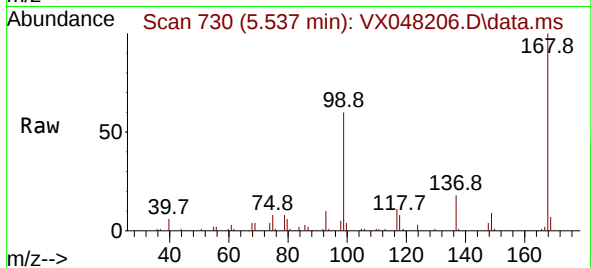




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

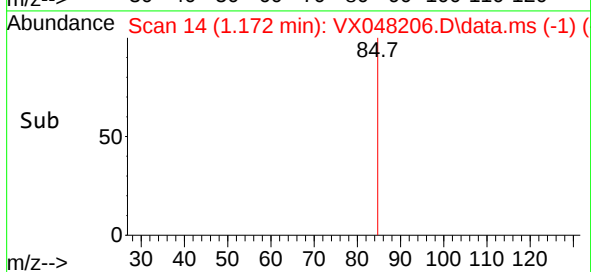
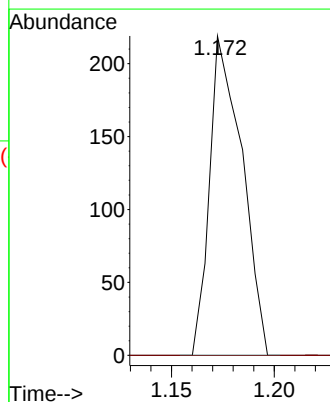
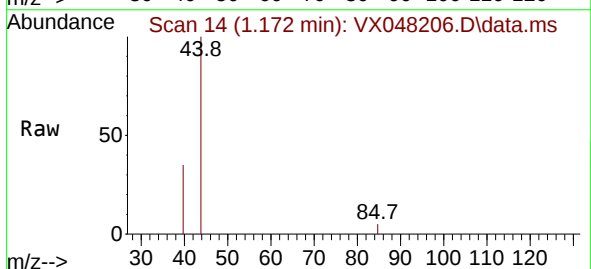
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

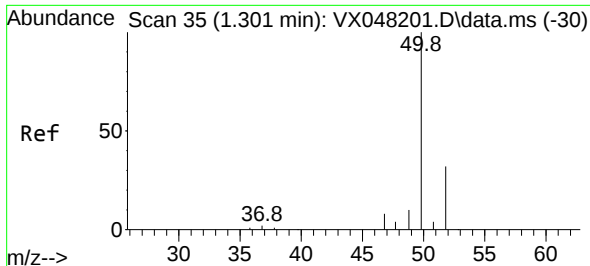
Tgt Ion:168 Resp: 81483
Ion Ratio Lower Upper
168 100
99 60.2 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.281 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 85 Resp: 240
Ion Ratio Lower Upper
85 100
87 0.0 15.3 45.9#

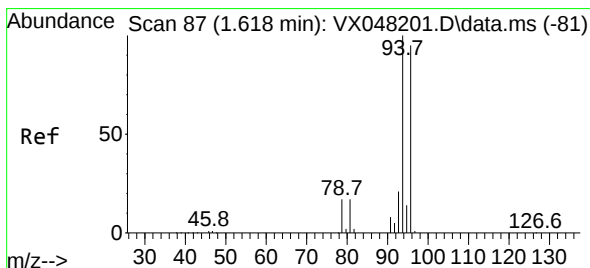
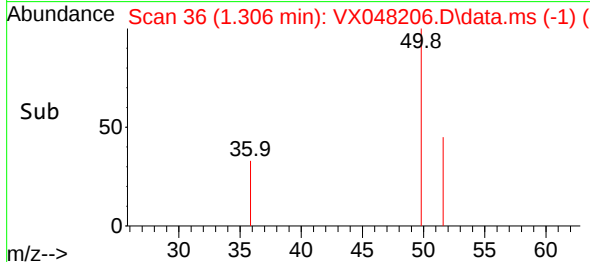
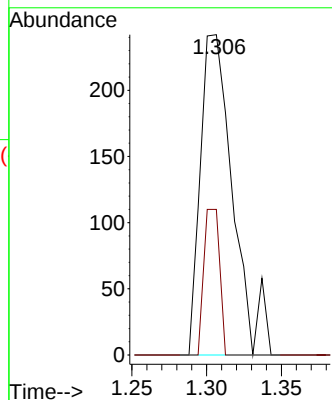
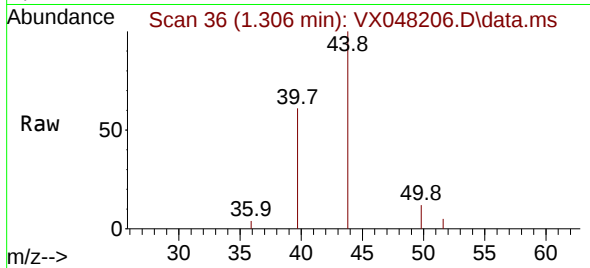




#3
Chloromethane
Concen: 0.354 ug/l
RT: 1.306 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

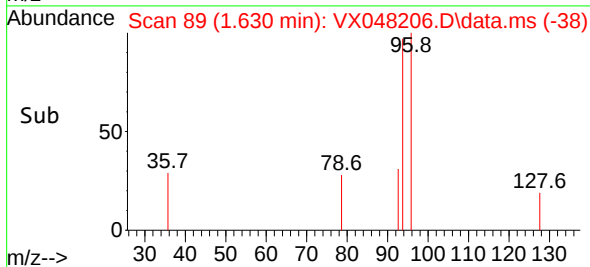
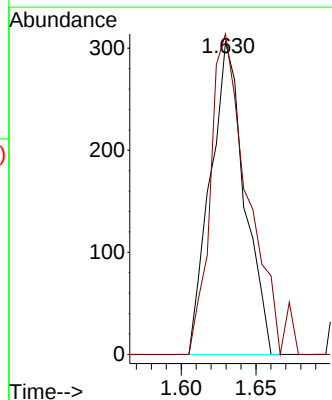
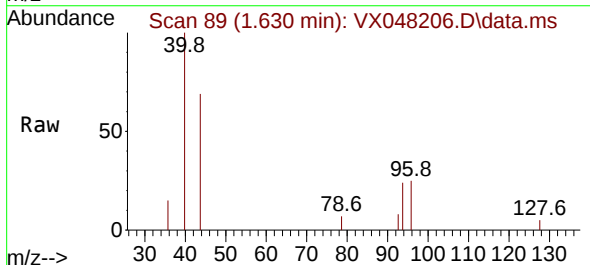
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

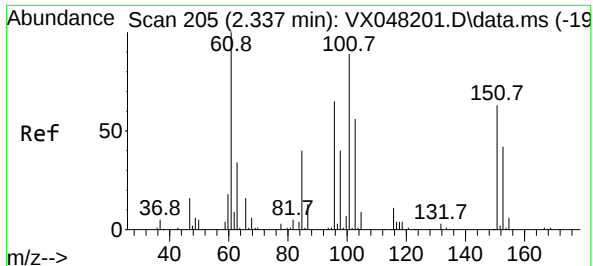
Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 45.5 25.9 38.9#



#5
Bromomethane
Concen: 0.669 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 94 Resp: 486
Ion Ratio Lower Upper
94 100
96 102.6 76.0 114.0

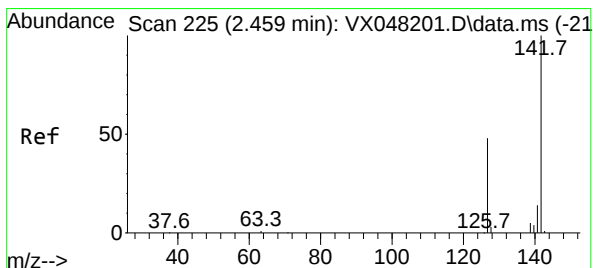
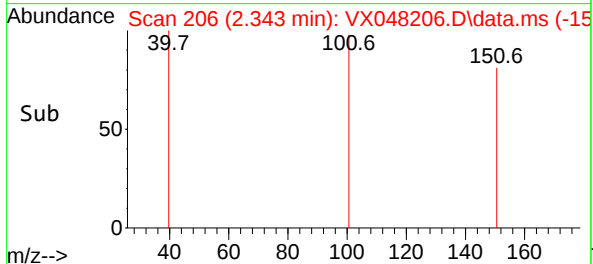
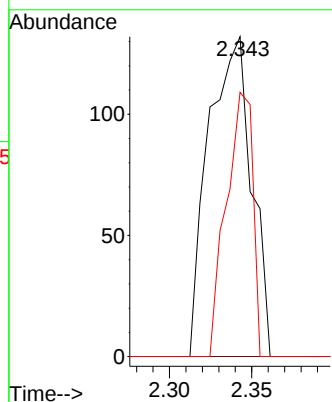
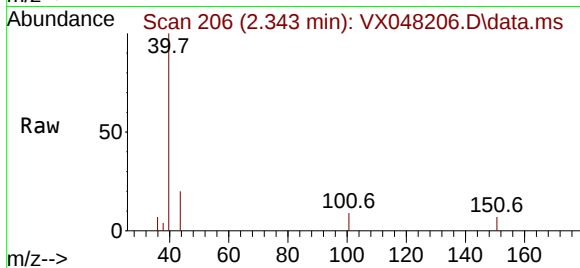




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.249 ug/l
RT: 2.343 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

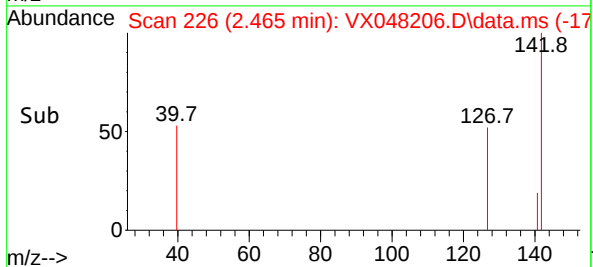
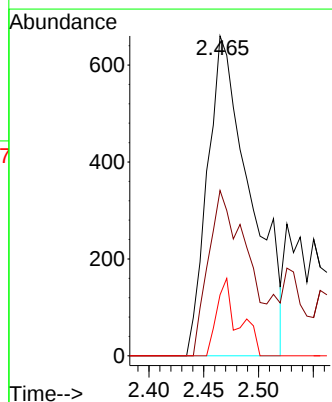
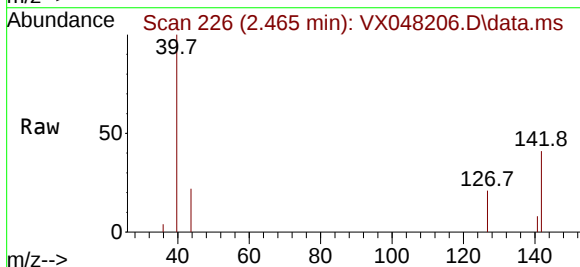
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

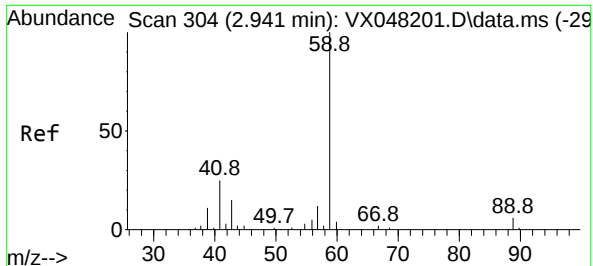
Tgt Ion:101 Resp: 240
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 50.8 58.0 87.0#



#10
Methyl Iodide
Concen: 1.558 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion:142 Resp: 1802
Ion Ratio Lower Upper
142 100
127 46.9 38.5 57.7
141 12.0 11.6 17.4

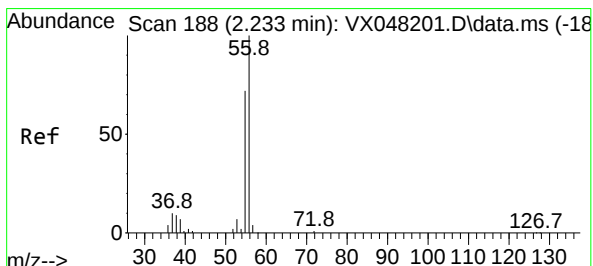
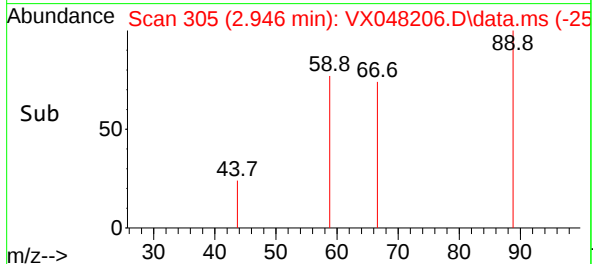
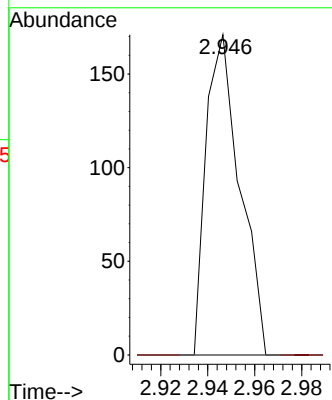
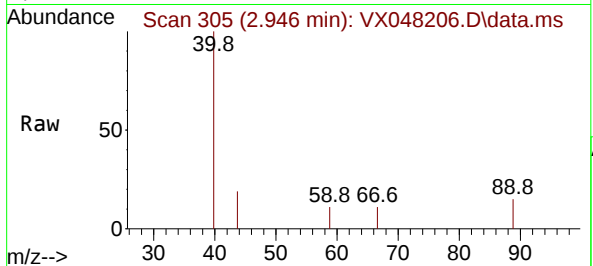




#11
Tert butyl alcohol
Concen: 2.042 ug/l
RT: 2.946 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

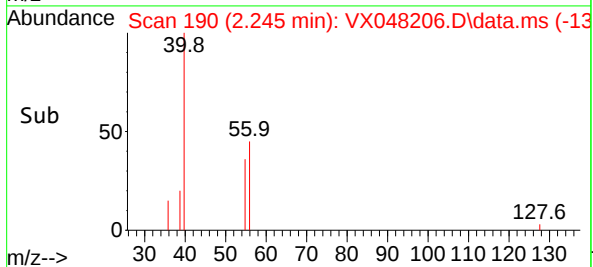
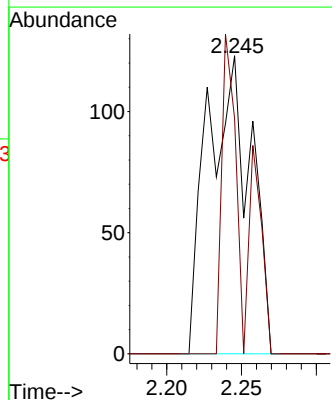
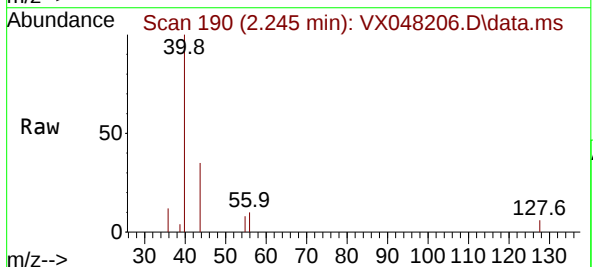
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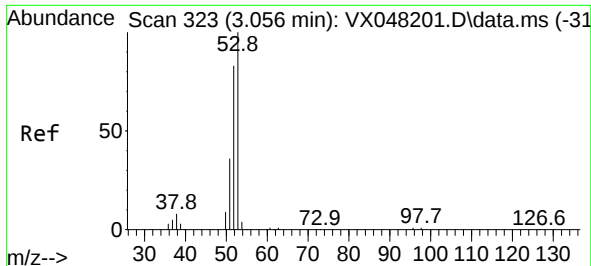
Tgt Ion: 59 Resp: 171
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.403 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
55 34.0 56.1 84.1#

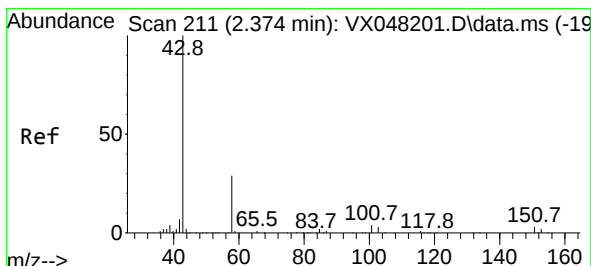
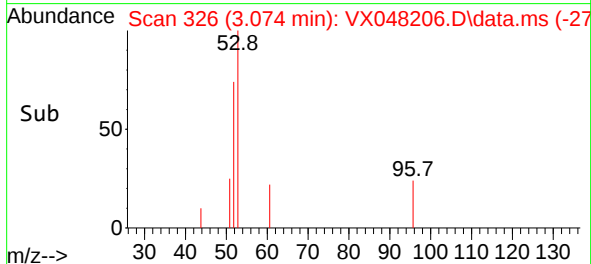
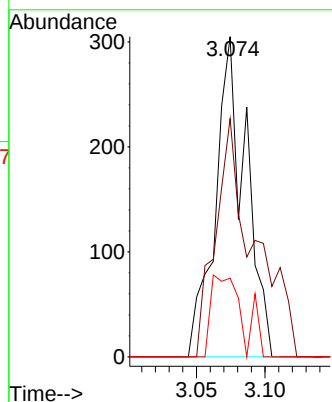
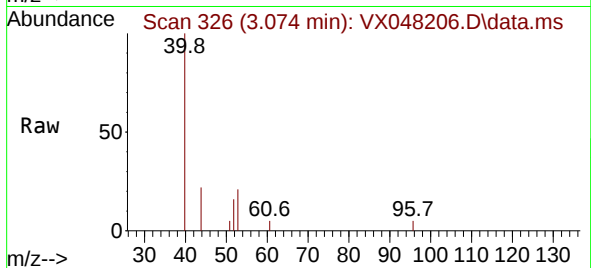




#15
Acrylonitrile
Concen: 1.176 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

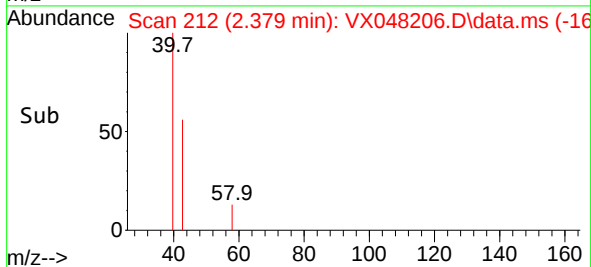
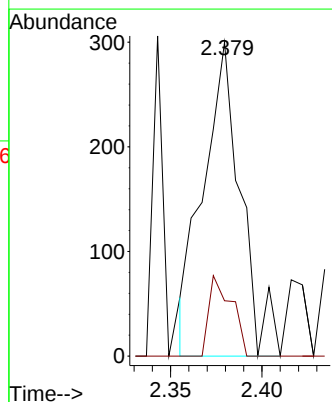
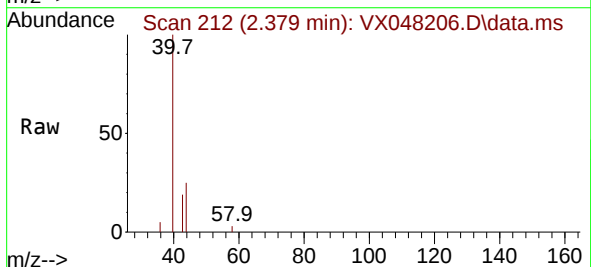
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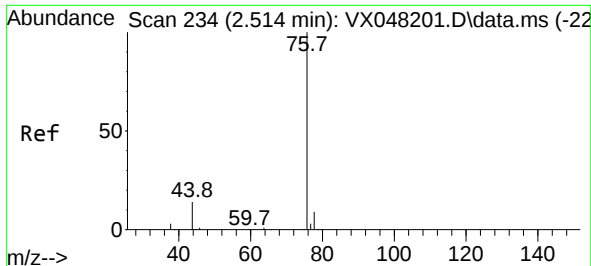
Tgt Ion: 53 Resp: 472
Ion Ratio Lower Upper
53 100
52 94.7 66.1 99.1
51 26.5 29.0 43.4#



#16
Acetone
Concen: 0.996 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
58 17.7 23.4 35.2#





#17

Carbon Disulfide

Concen: 1.032 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048206.D

Acq: 17 Oct 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

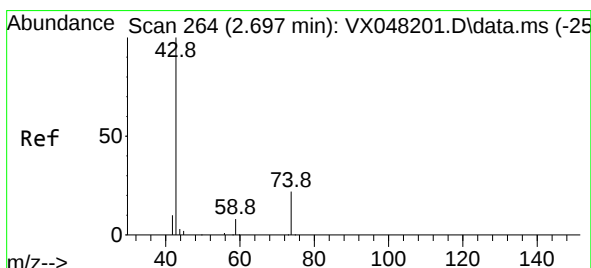
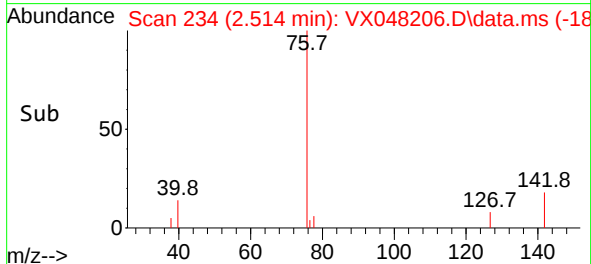
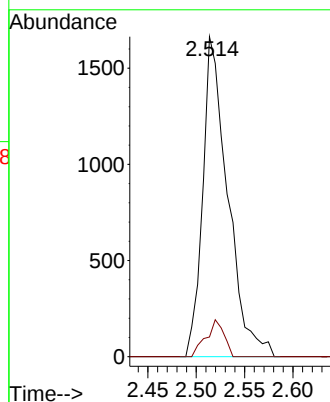
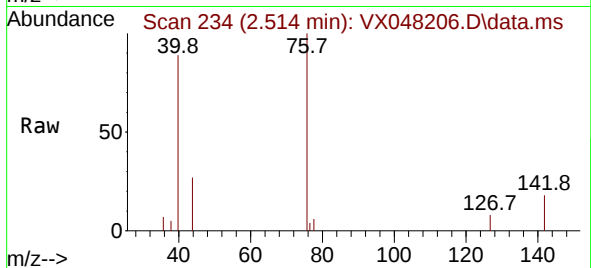
VX1017MBL01

Tgt Ion: 76 Resp: 2998

Ion Ratio Lower Upper

76 100

78 6.1 7.1 10.7#



#18

Methyl Acetate

Concen: 0.473 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.012 min

Lab File: VX048206.D

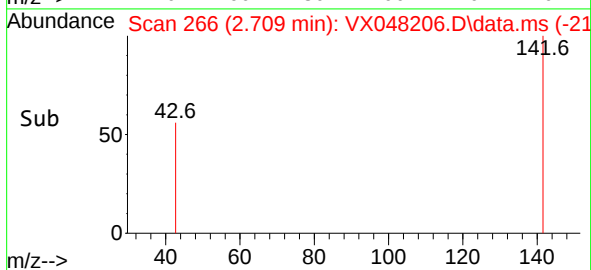
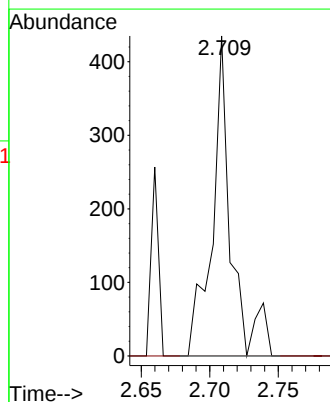
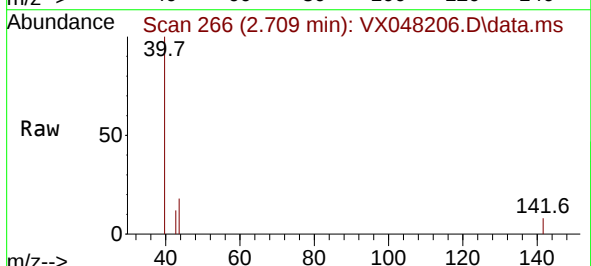
Acq: 17 Oct 2025 12:54

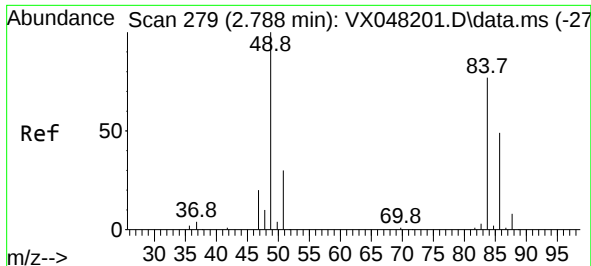
Tgt Ion: 43 Resp: 415

Ion Ratio Lower Upper

43 100

74 0.0 17.5 26.3#

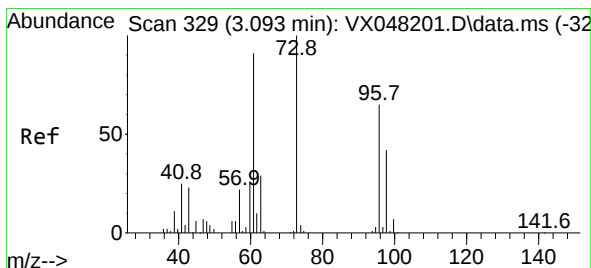
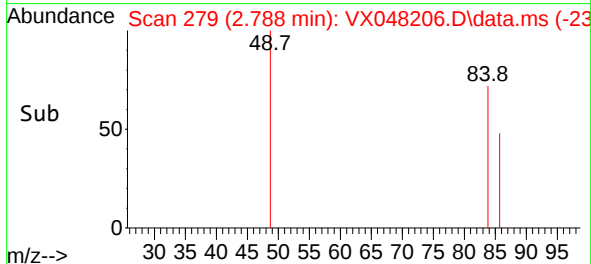
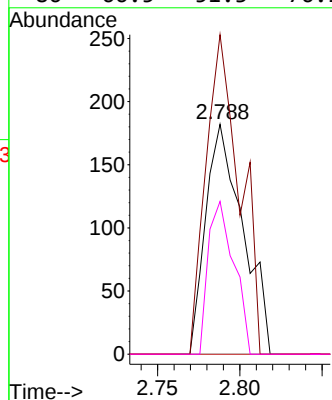
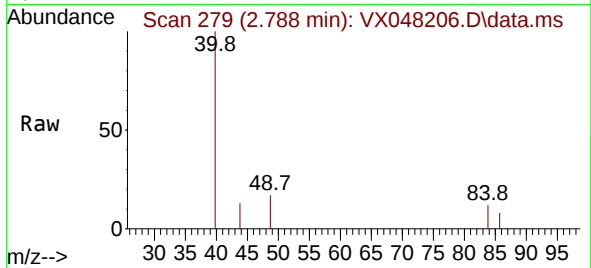




#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

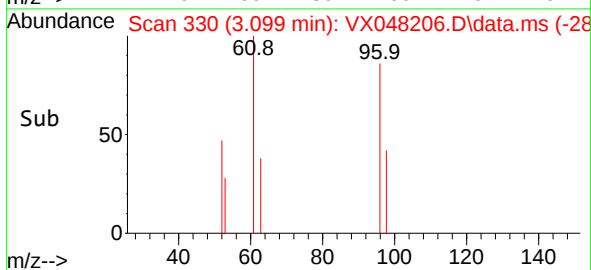
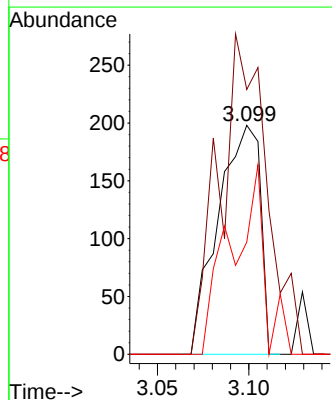
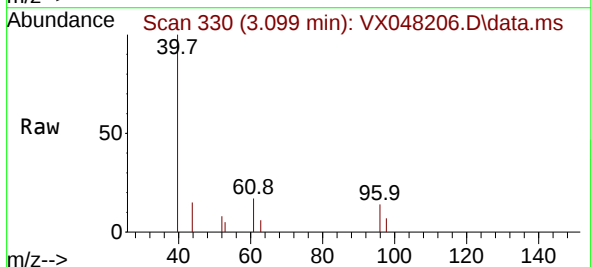
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

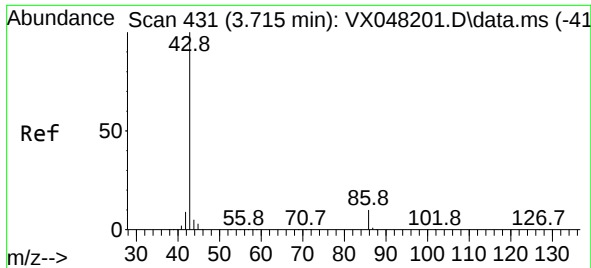
Tgt Ion:	84	Resp:	285
Ion	Ratio	Lower	Upper
84	100		
49	139.0	104.1	156.1
51	0.0	31.3	46.9#
86	66.5	51.3	76.9



#21
trans-1,2-Dichloroethene
Concen: 0.327 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion:	96	Resp:	319
Ion	Ratio	Lower	Upper
96	100		
61	115.7	111.9	167.9
98	49.0	51.2	76.8#

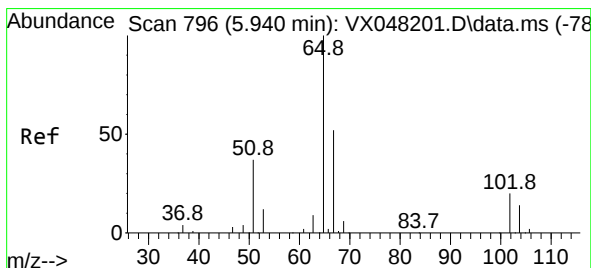
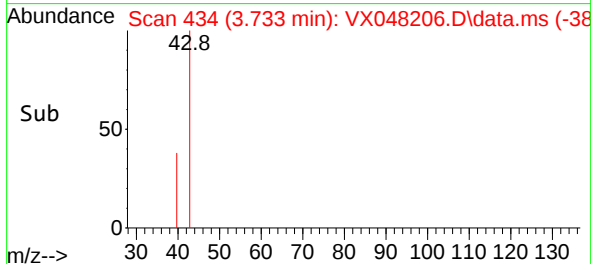
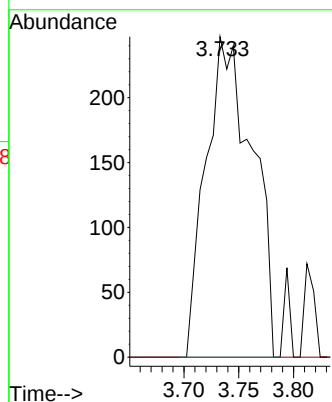
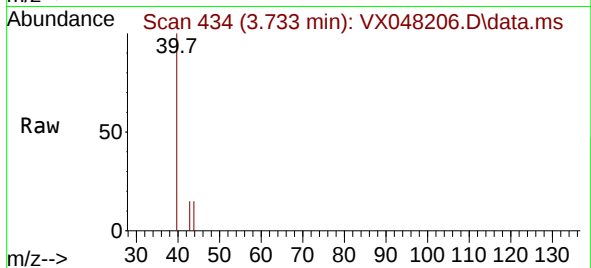




#23
 Vinyl Acetate
 Concen: 0.293 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX048206.D
 Acq: 17 Oct 2025 12:54

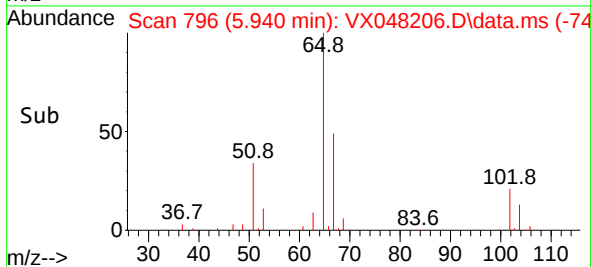
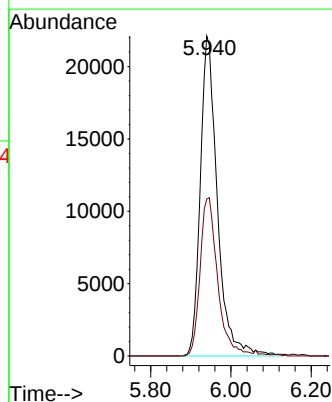
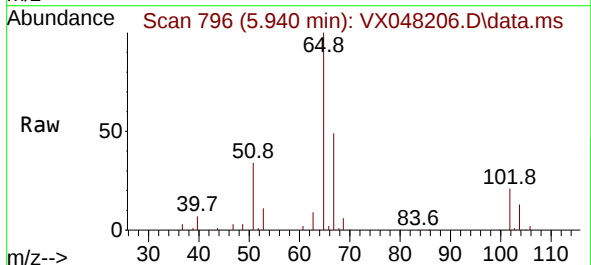
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBL01

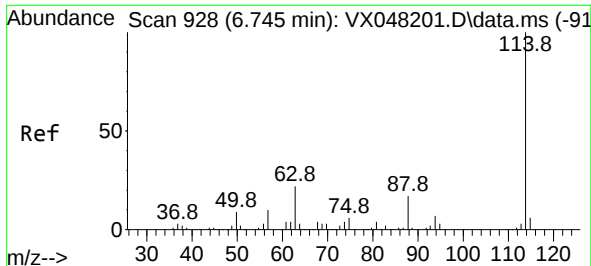
Tgt Ion: 43 Resp: 729
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.9 11.9#



#33
 1,2-Dichloroethane-d4
 Concen: 51.809 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048206.D
 Acq: 17 Oct 2025 12:54

Tgt Ion: 65 Resp: 65400
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.0

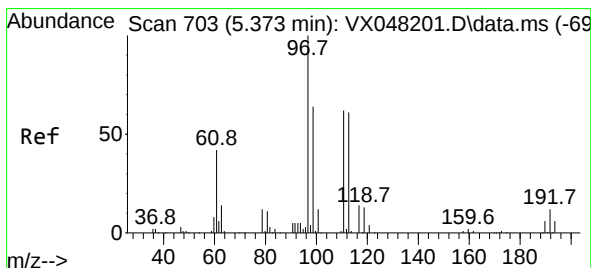
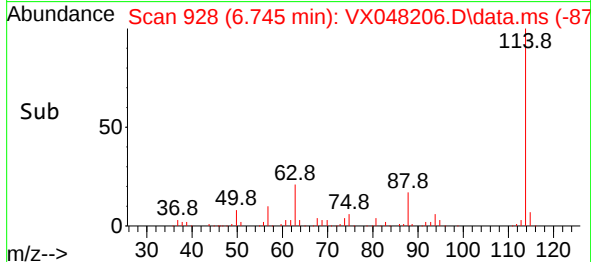
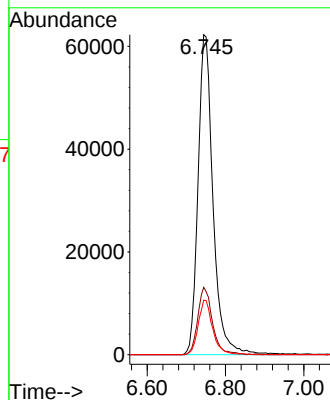
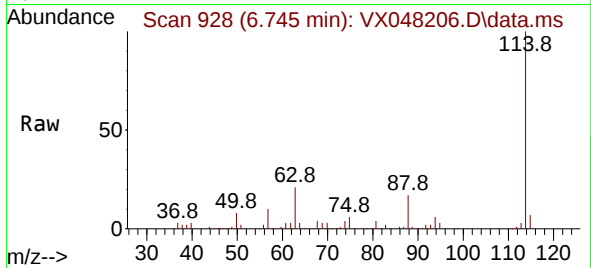




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX048206.D
 Acq: 17 Oct 2025 12:54

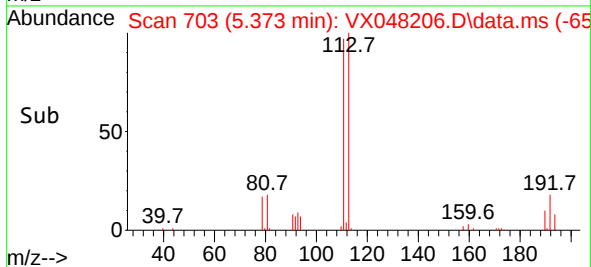
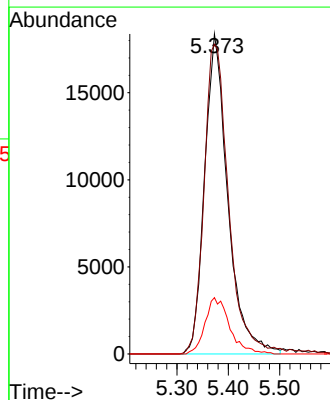
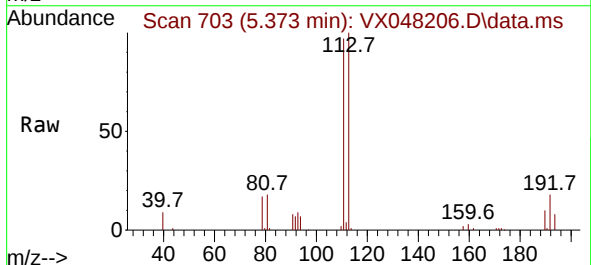
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBL01

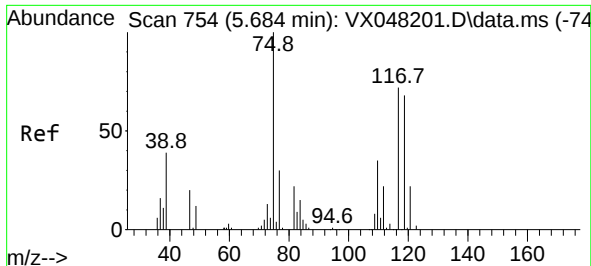
Tgt Ion:114 Resp: 166025
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 17.1 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 49.956 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. -0.000 min
 Lab File: VX048206.D
 Acq: 17 Oct 2025 12:54

Tgt Ion:113 Resp: 57562
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 18.7 15.1 22.7

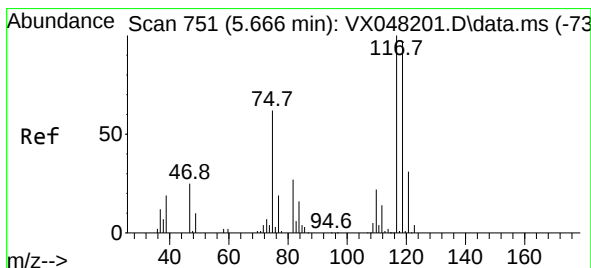
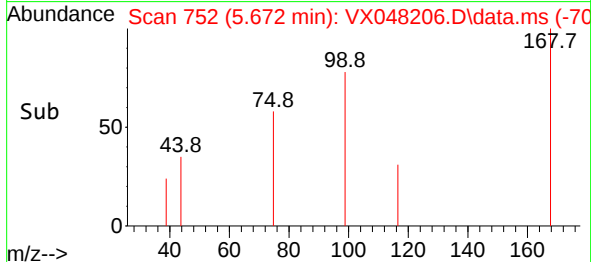
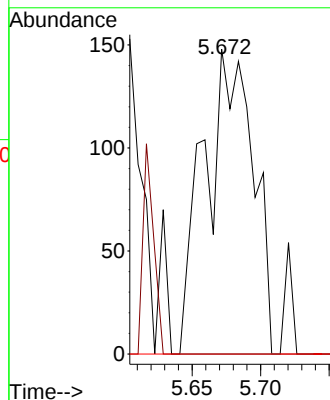
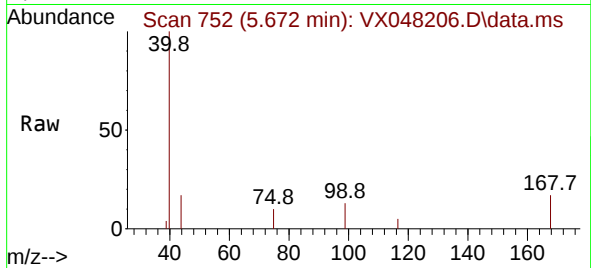




#36
1,1-Dichloropropene
Concen: 0.227 ug/l
RT: 5.672 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

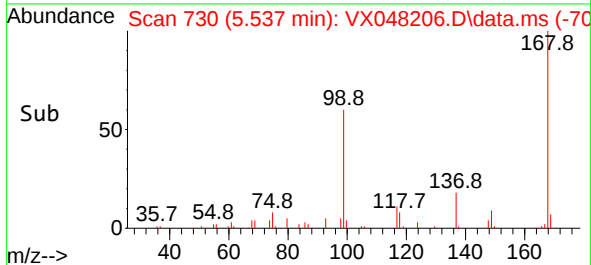
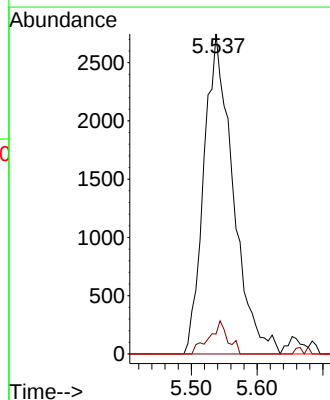
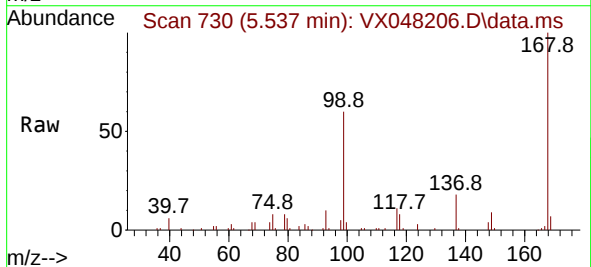
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

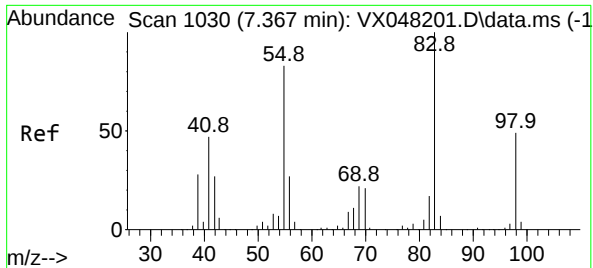
Tgt Ion: 75 Resp: 369
Ion Ratio Lower Upper
75 100
110 0.0 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.550 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 117 Resp: 8478
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 24.8 37.2#

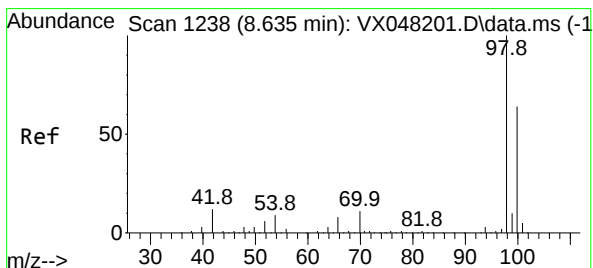
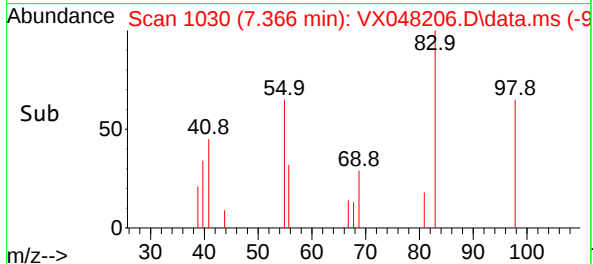
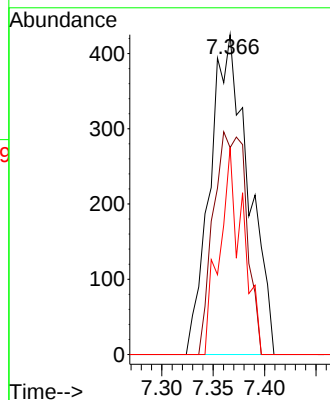
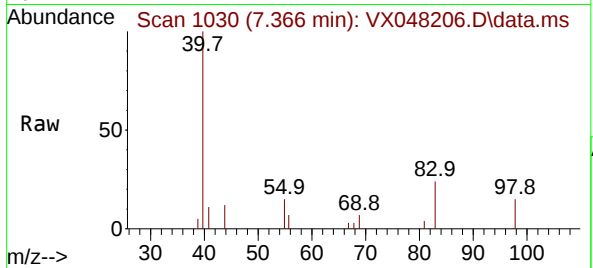




#39
Methylcyclohexane
Concen: 0.602 ug/l
RT: 7.366 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

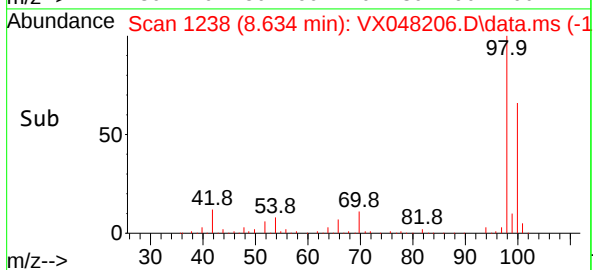
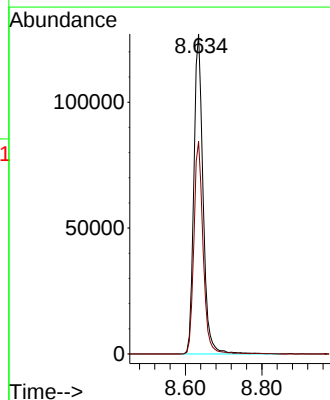
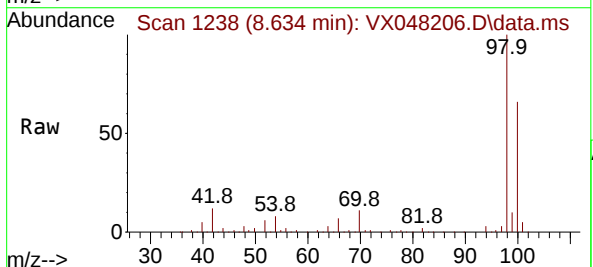
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

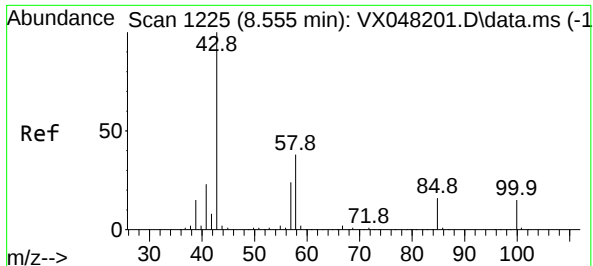
Tgt Ion: 83 Resp: 1101
Ion Ratio Lower Upper
83 100
55 96.5 66.2 99.2
98 64.7 38.9 58.3#



#50
Toluene-d8
Concen: 51.280 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 98 Resp: 212870
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 0.583 ug/l

RT: 8.561 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX048206.D

Acq: 17 Oct 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

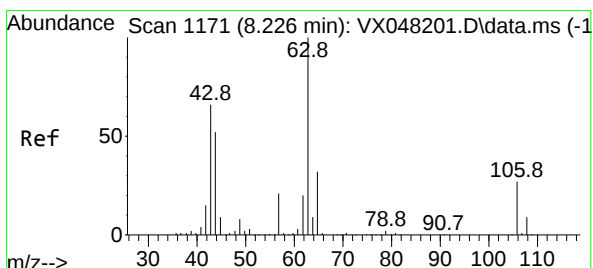
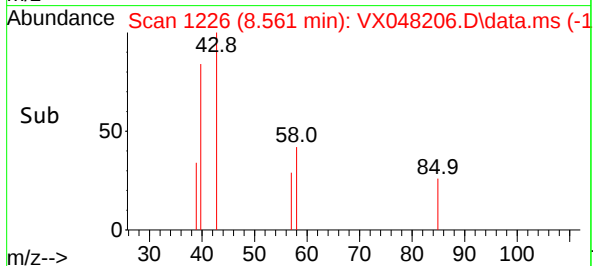
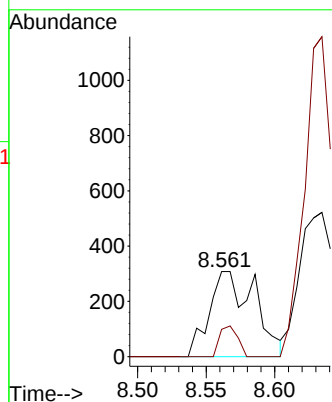
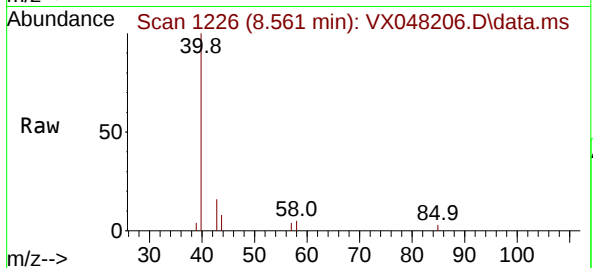
VX1017MBL01

Tgt Ion: 43 Resp: 707

Ion Ratio Lower Upper

43 100

58 14.3 29.5 44.3#



#58

2-Chloroethyl Vinyl ether

Concen: 14.526 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.018 min

Lab File: VX048206.D

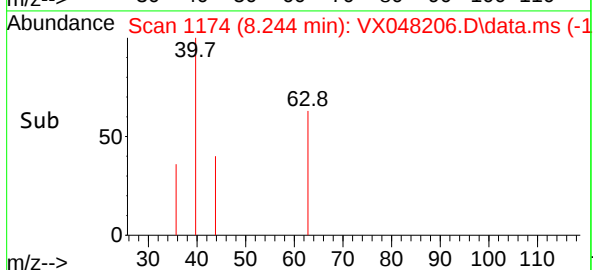
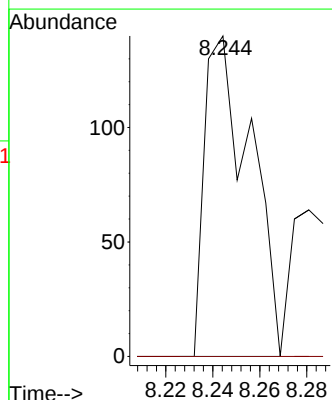
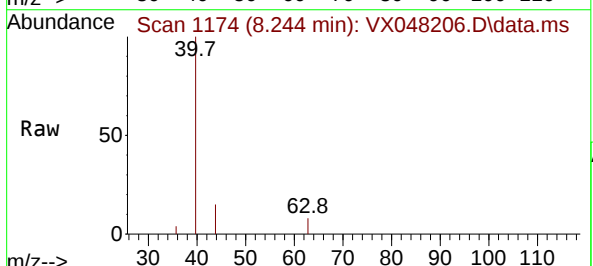
Acq: 17 Oct 2025 12:54

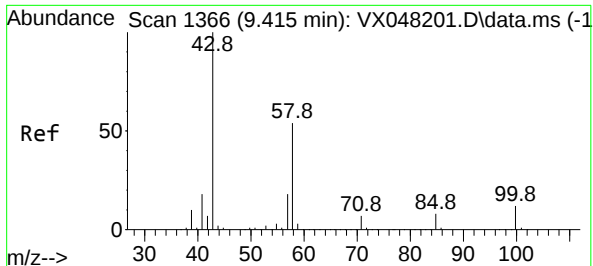
Tgt Ion: 63 Resp: 189

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#

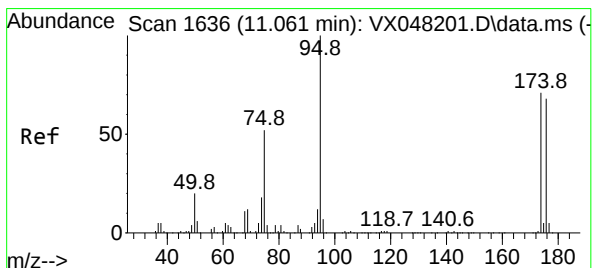
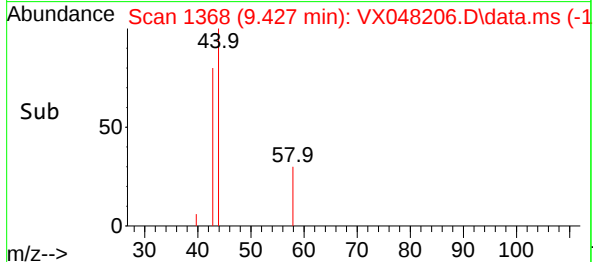
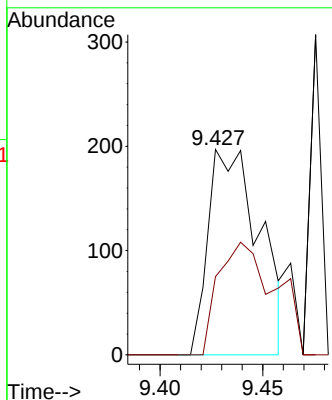
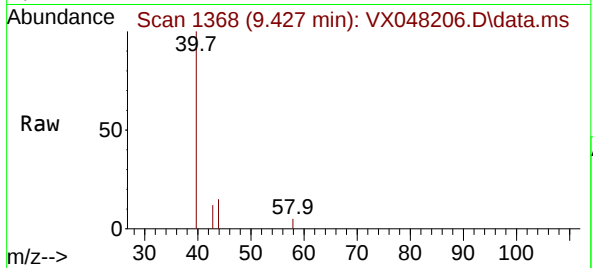




#59
2-Hexanone
Concen: 0.405 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.012 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

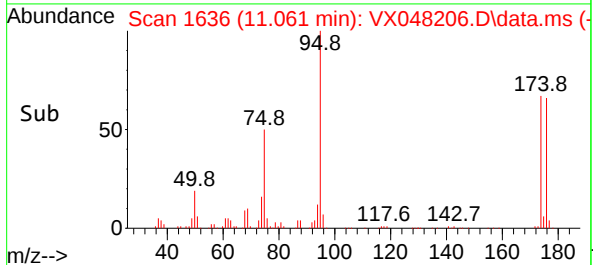
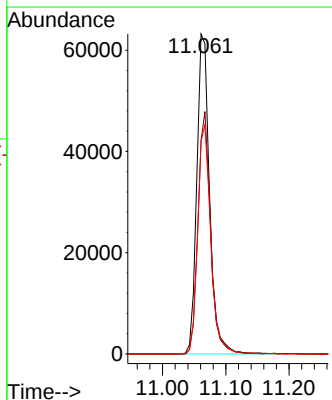
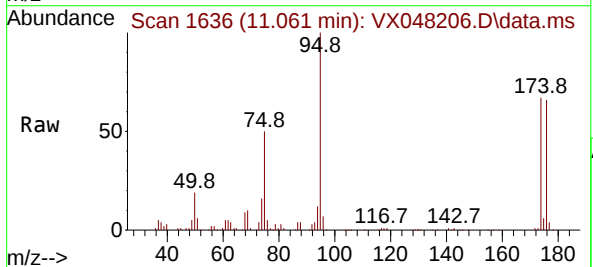
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

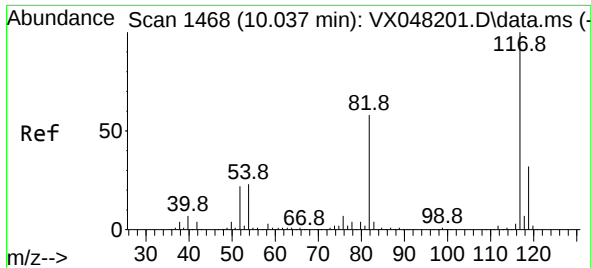
Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
58 60.3 26.3 78.8



#62
4-Bromofluorobenzene
Concen: 58.973 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 95 Resp: 89164
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.8
176 72.6 0.0 142.8

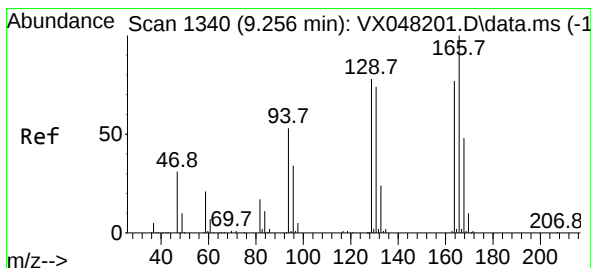
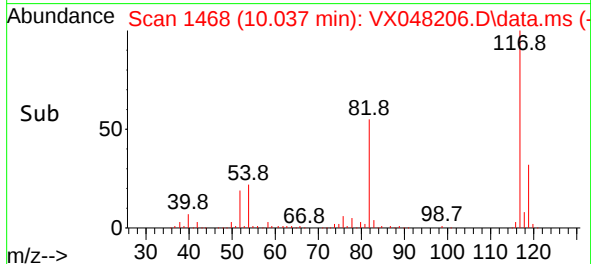
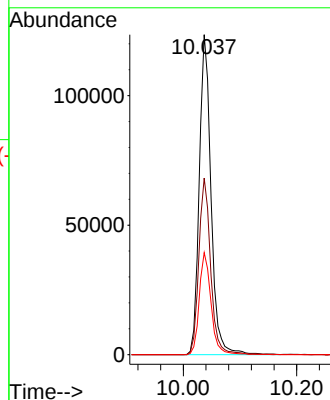
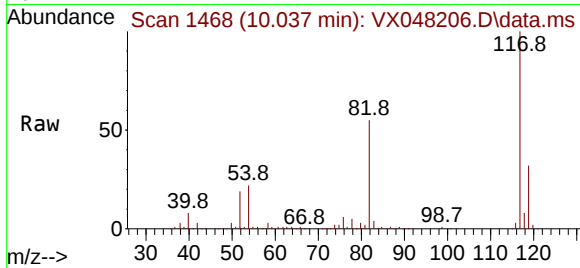




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

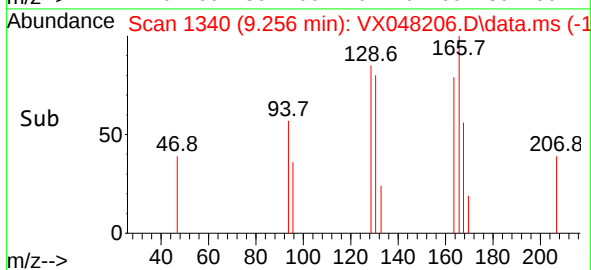
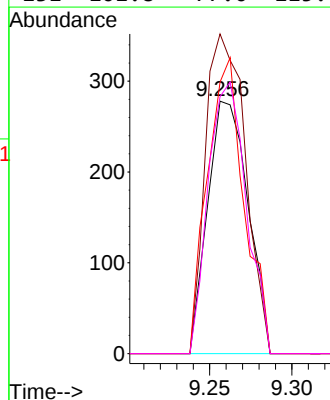
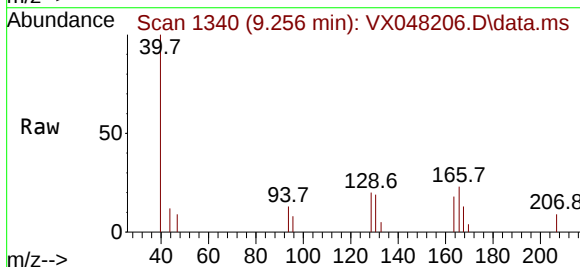
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

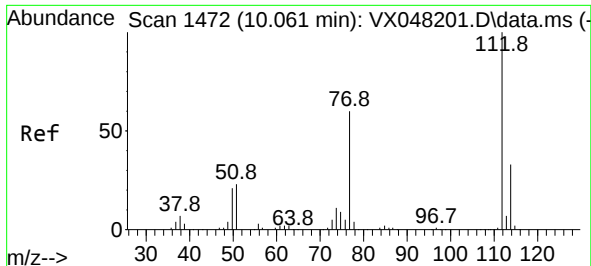
Tgt Ion:117 Resp: 177931
Ion Ratio Lower Upper
117 100
82 55.2 46.5 69.7
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 0.379 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion:164 Resp: 473
Ion Ratio Lower Upper
164 100
166 126.6 104.5 156.7
129 107.6 81.8 122.6
131 101.8 77.0 115.6

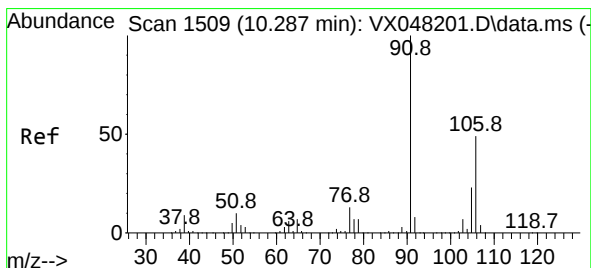
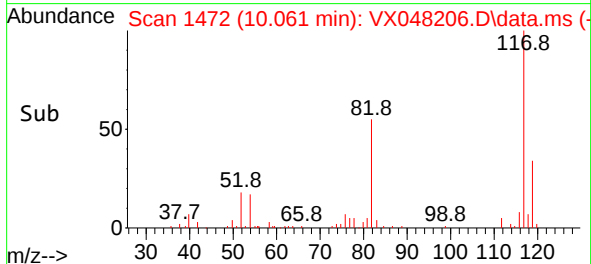
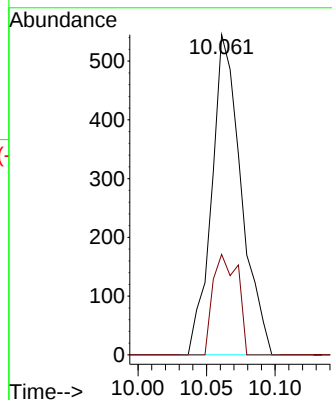
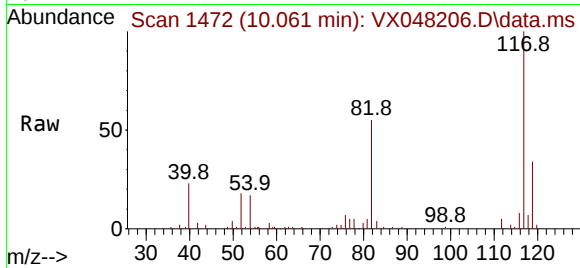




#65
Chlorobenzene
Concen: 0.210 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

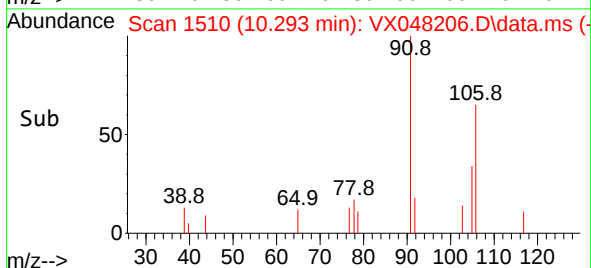
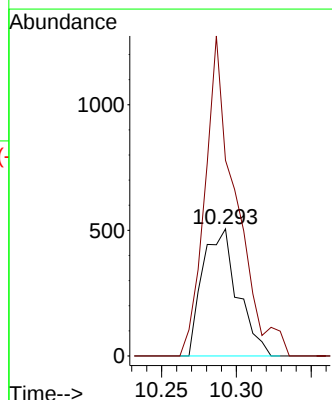
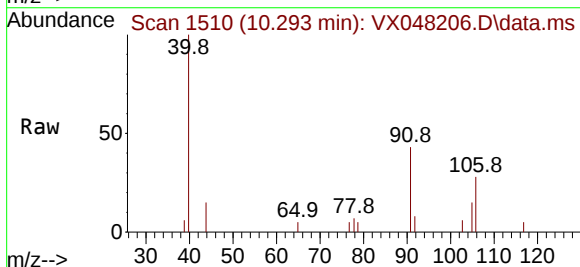
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

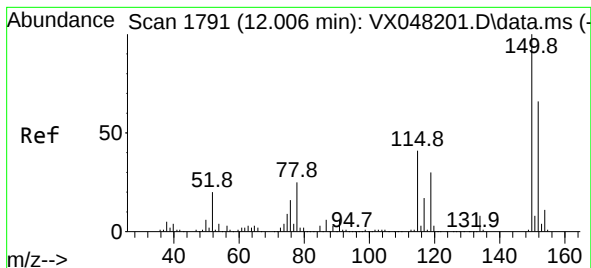
Tgt Ion:112 Resp: 817
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2



#68
m/p-Xylenes
Concen: 0.332 ug/l
RT: 10.293 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion:106 Resp: 826
Ion Ratio Lower Upper
106 100
91 220.2 167.9 251.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048206.D

Acq: 17 Oct 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBL01

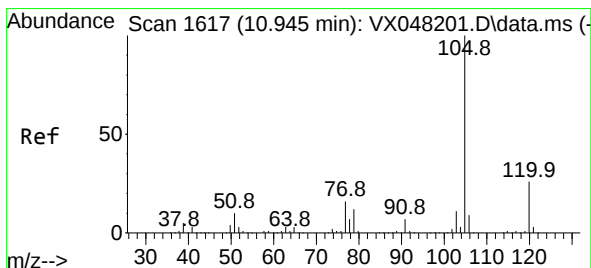
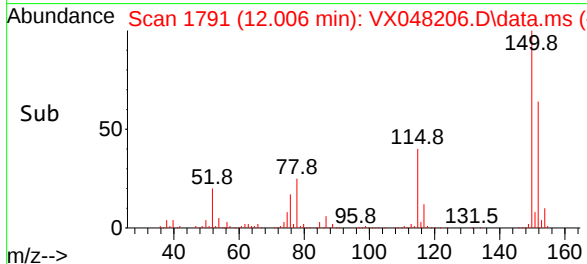
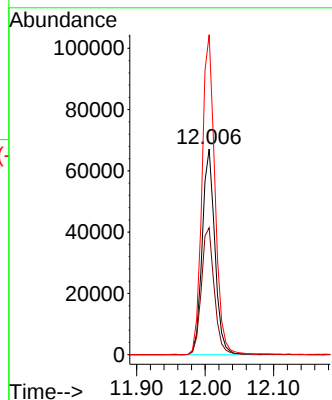
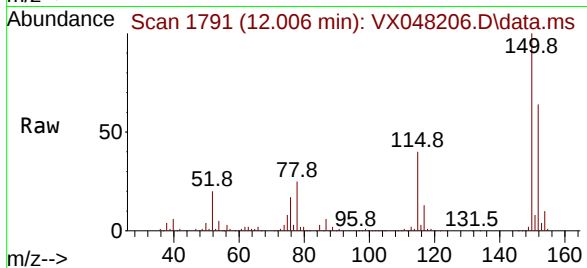
Tgt Ion:152 Resp: 86757

Ion Ratio Lower Upper

152 100

115 62.8 43.1 129.4

150 158.2 0.0 353.0



#73

Isopropylbenzene

Concen: 0.205 ug/l

RT: 10.951 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VX048206.D

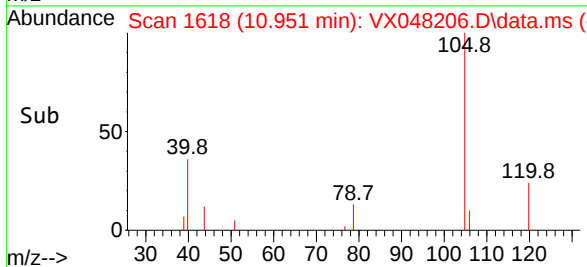
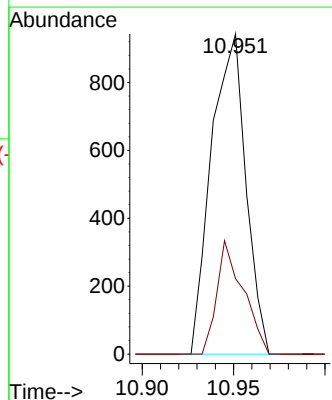
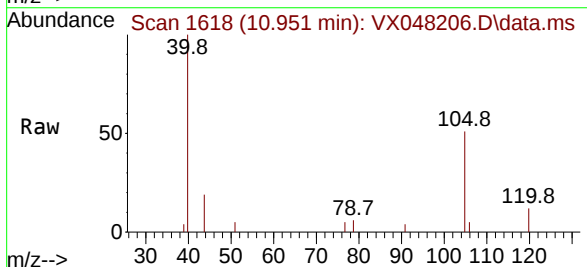
Acq: 17 Oct 2025 12:54

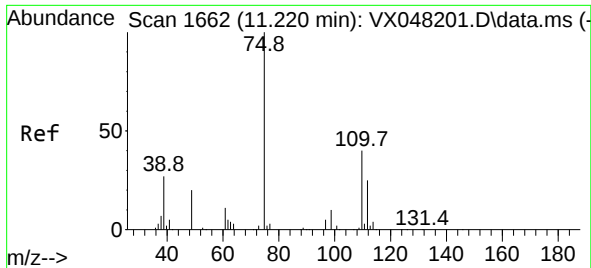
Tgt Ion:105 Resp: 1235

Ion Ratio Lower Upper

105 100

120 27.1 13.0 38.9

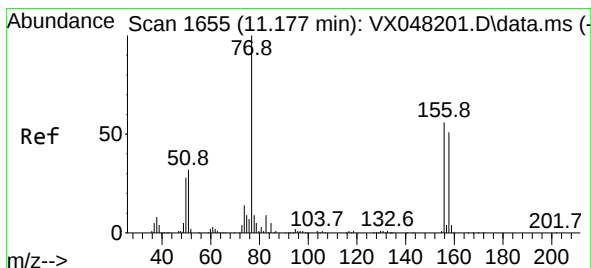
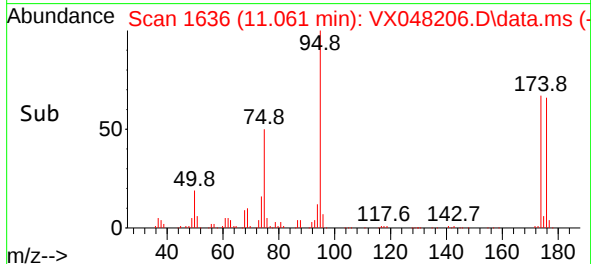
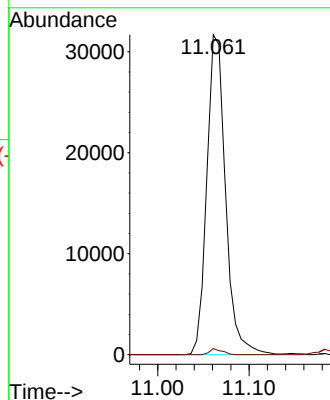
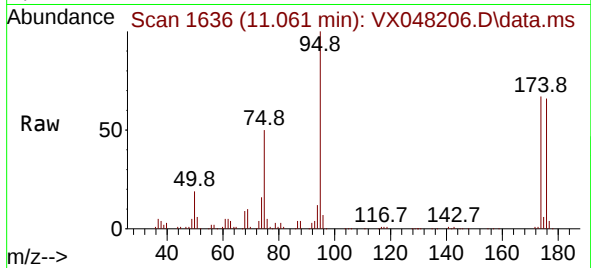




#76
1,2,3-Trichloropropane
Concen: 33.994 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

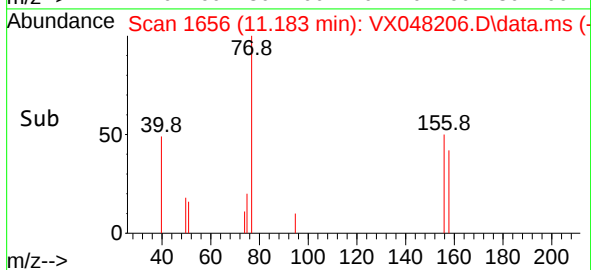
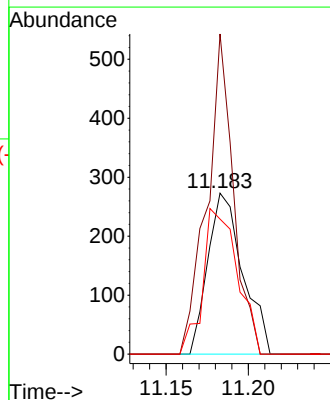
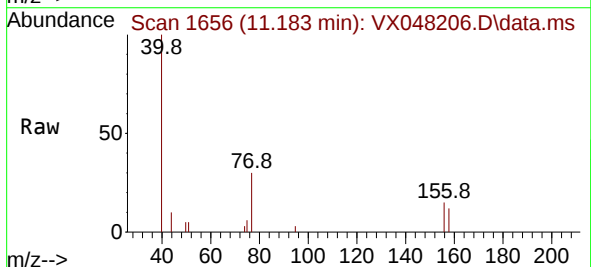
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

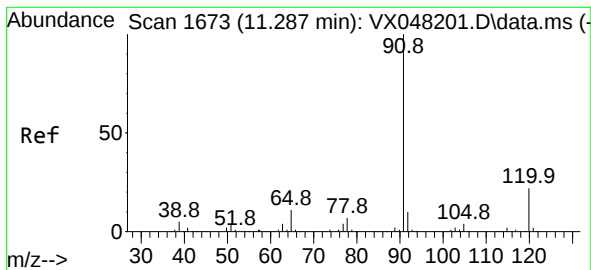
Tgt Ion: 75 Resp: 45035
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.2#



#77
Bromobenzene
Concen: 0.268 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion:156 Resp: 404
Ion Ratio Lower Upper
156 100
77 149.8 87.0 261.0
158 88.9 47.8 143.4

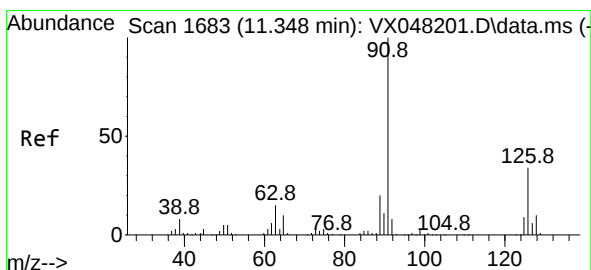
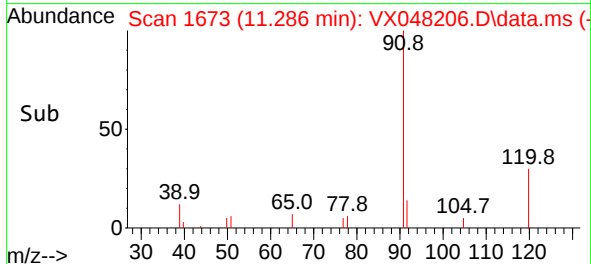
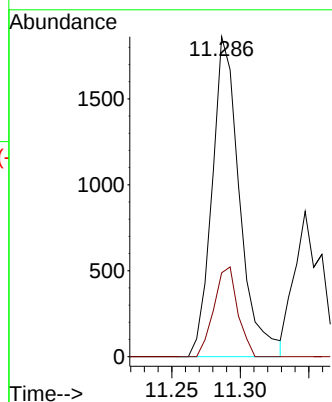
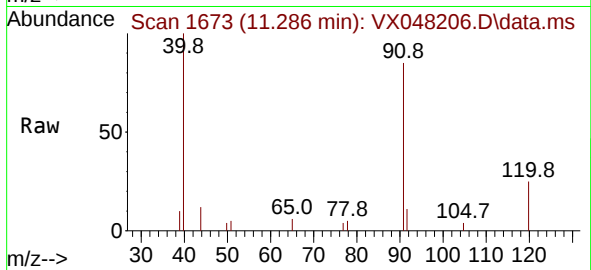




#78
n-propylbenzene
Concen: 0.356 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

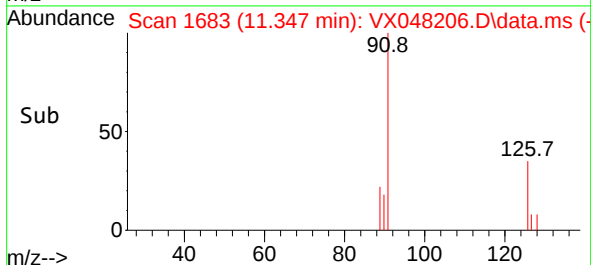
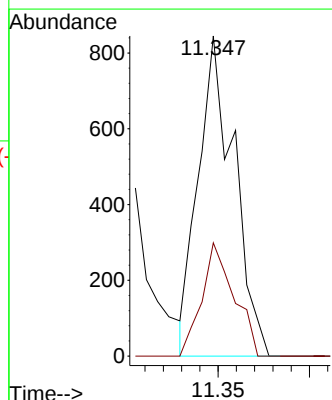
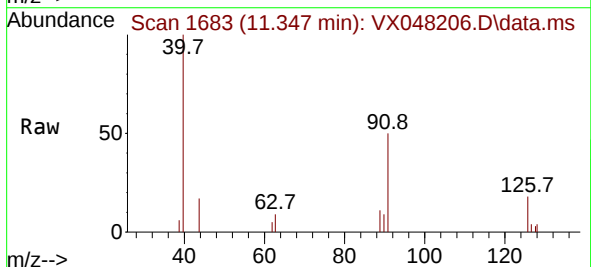
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

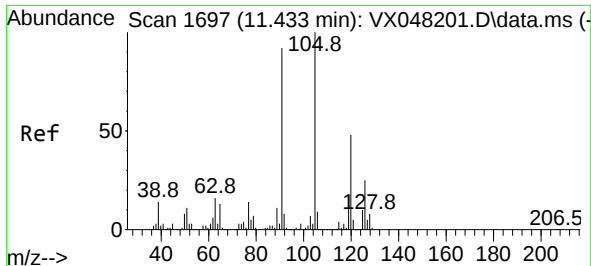
Tgt Ion: 91 Resp: 2607
Ion Ratio Lower Upper
91 100
120 24.1 11.1 33.1



#79
2-Chlorotoluene
Concen: 0.259 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 91 Resp: 1145
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.4

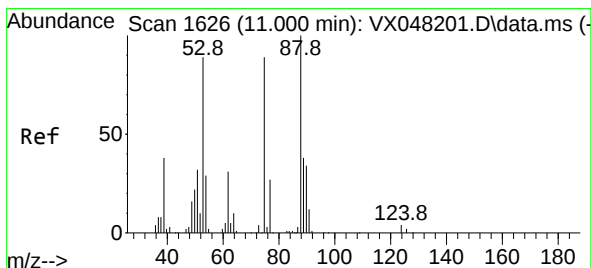
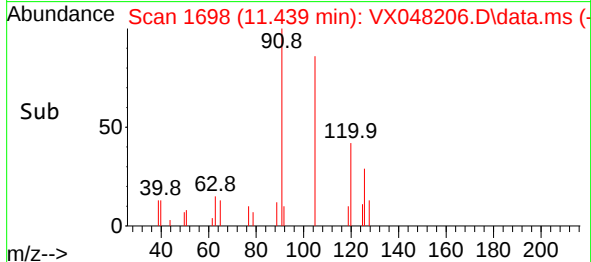
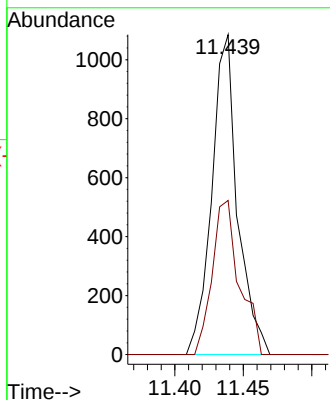
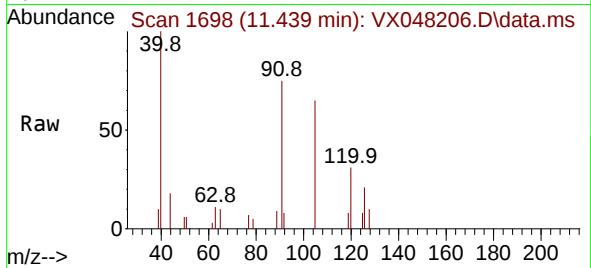




#80
1,3,5-Trimethylbenzene
Concen: 0.286 ug/l
RT: 11.439 min Scan# 1697
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

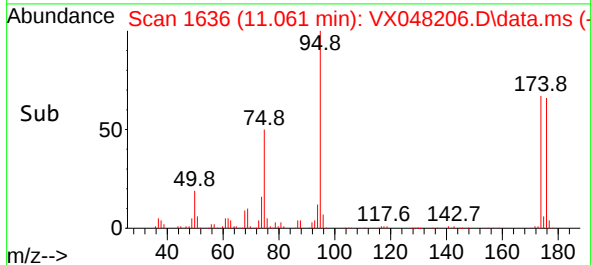
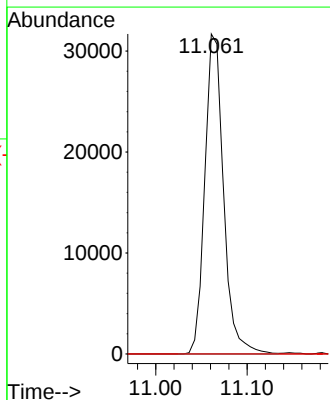
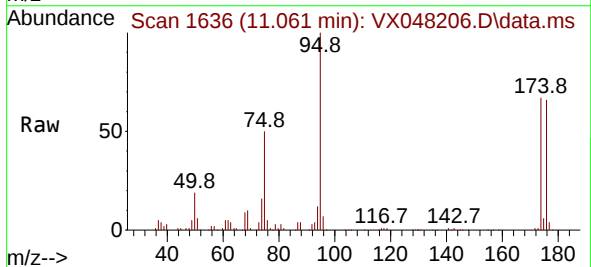
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

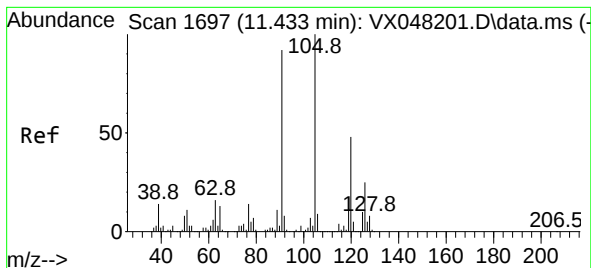
Tgt Ion:105 Resp: 1416
Ion Ratio Lower Upper
105 100
120 50.9 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 83.238 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 75 Resp: 45035
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#





#82

4-Chlorotoluene

Concen: 0.367 ug/l

RT: 11.445 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX048206.D

Acq: 17 Oct 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

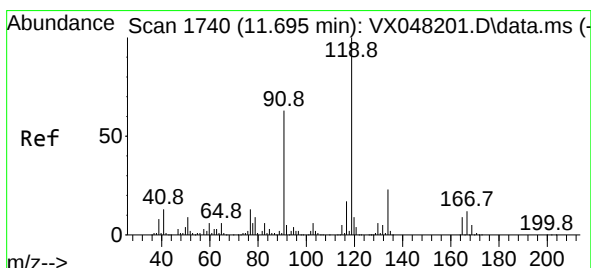
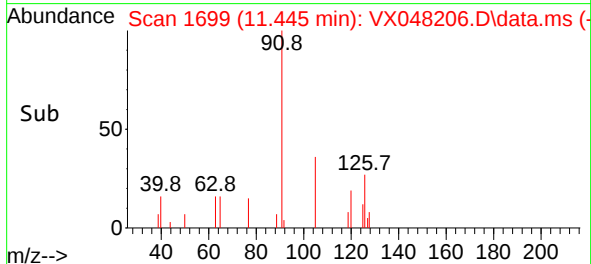
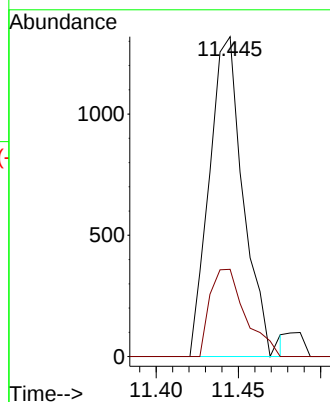
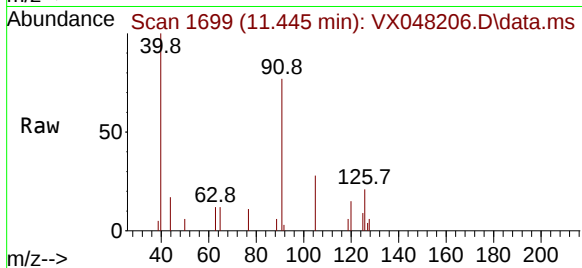
VX1017MBL01

Tgt Ion: 91 Resp: 1905

Ion Ratio Lower Upper

91 100

126 28.3 14.1 42.4



#83

tert-Butylbenzene

Concen: 0.288 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048206.D

Acq: 17 Oct 2025 12:54

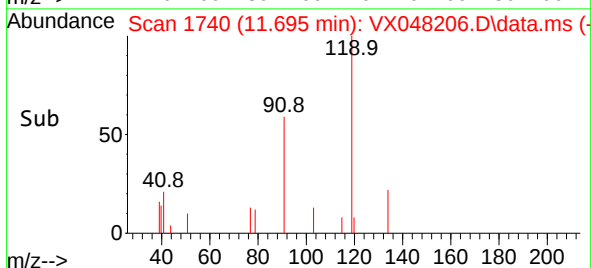
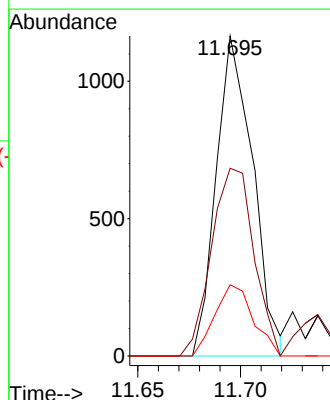
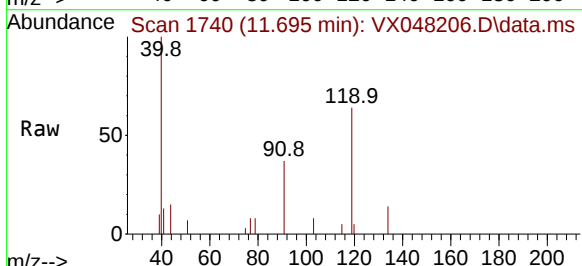
Tgt Ion: 119 Resp: 1443

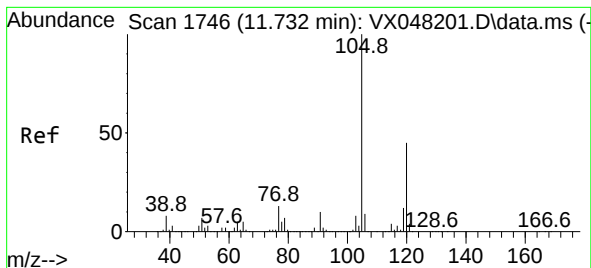
Ion Ratio Lower Upper

119 100

91 68.0 30.3 91.0

134 23.3 11.4 34.2





#84

1,2,4-Trimethylbenzene

Concen: 0.324 ug/l

RT: 11.738 min Scan# 1746

Delta R.T. 0.006 min

Lab File: VX048206.D

Acq: 17 Oct 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

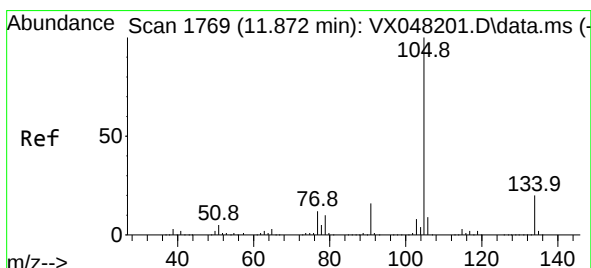
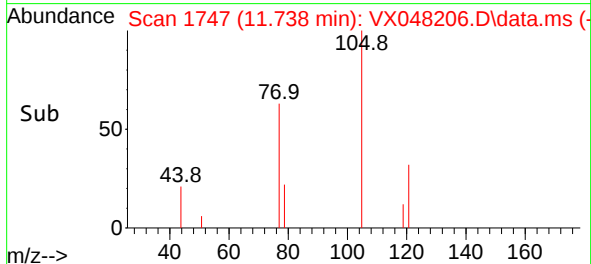
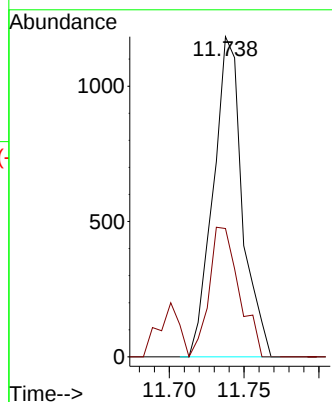
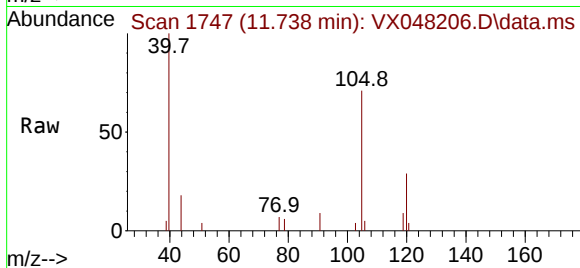
VX1017MBL01

Tgt Ion:105 Resp: 1598

Ion Ratio Lower Upper

105 100

120 41.9 22.1 66.5



#85

sec-Butylbenzene

Concen: 0.572 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048206.D

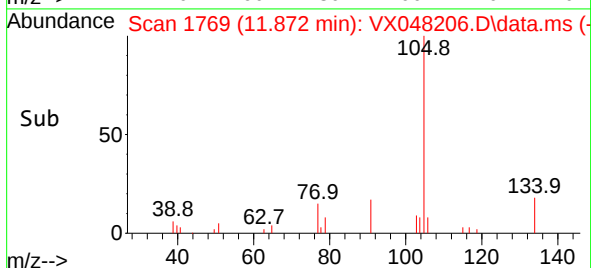
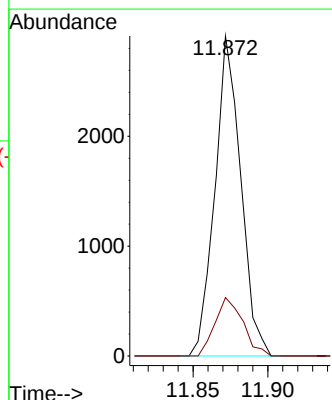
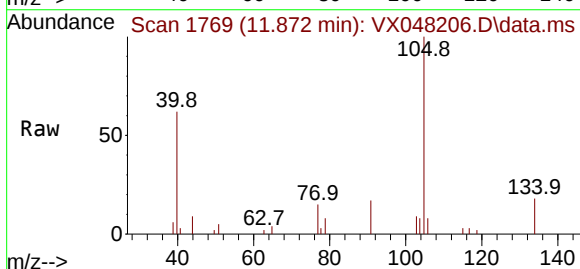
Acq: 17 Oct 2025 12:54

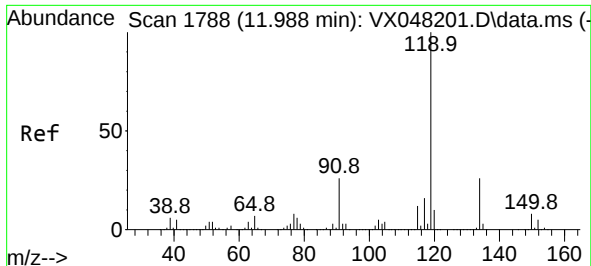
Tgt Ion:105 Resp: 3502

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1

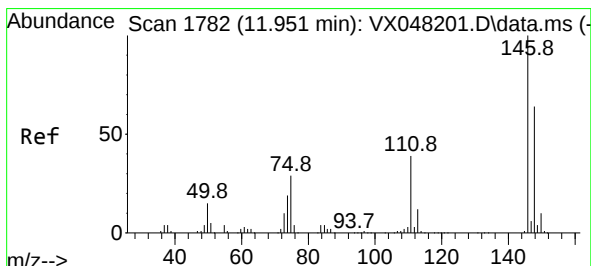
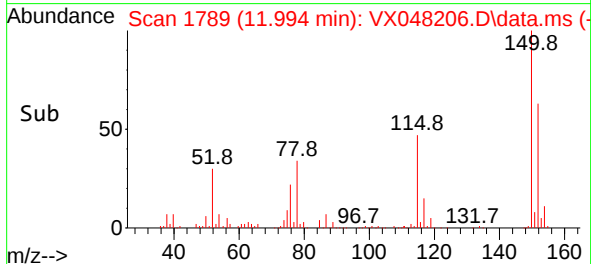
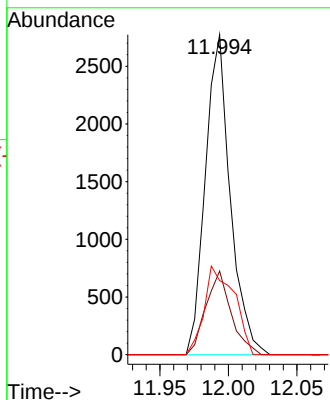
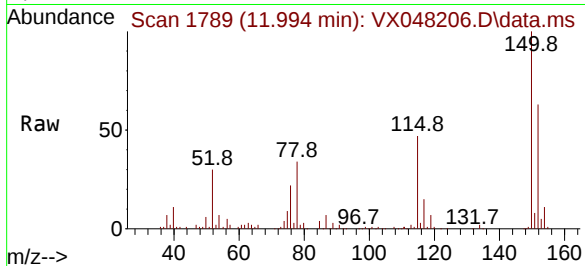




#86
p-Isopropyltoluene
Concen: 0.680 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

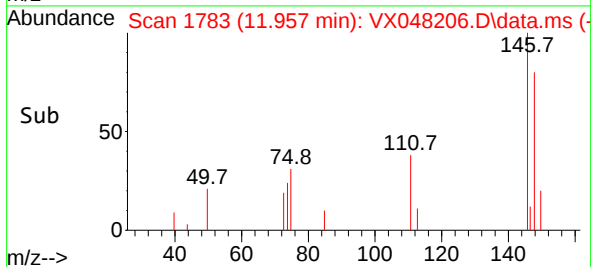
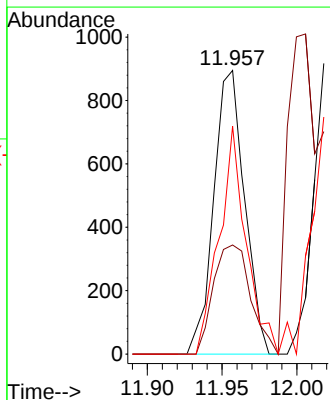
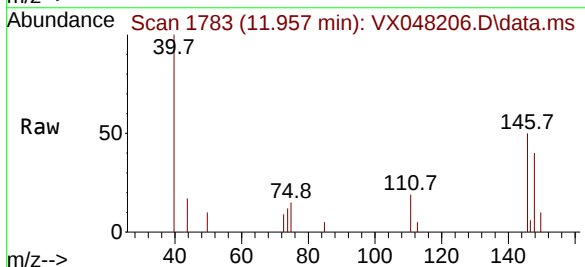
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

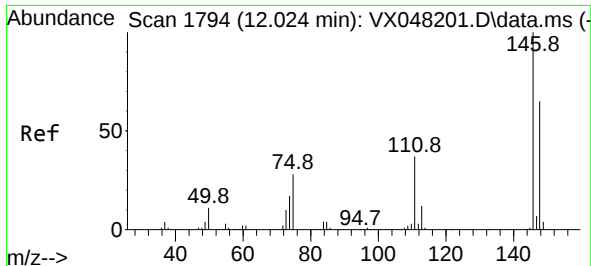
Tgt Ion:119 Resp: 3505
Ion Ratio Lower Upper
119 100
134 26.6 13.0 39.0
91 33.2 12.1 36.3



#87
1,3-Dichlorobenzene
Concen: 0.454 ug/l
RT: 11.957 min Scan# 1783
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion:146 Resp: 1282
Ion Ratio Lower Upper
146 100
111 46.6 20.4 61.2
148 70.4 31.9 95.9

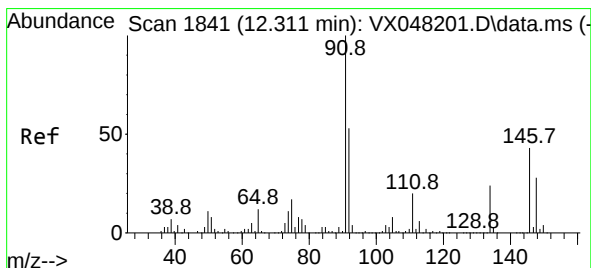
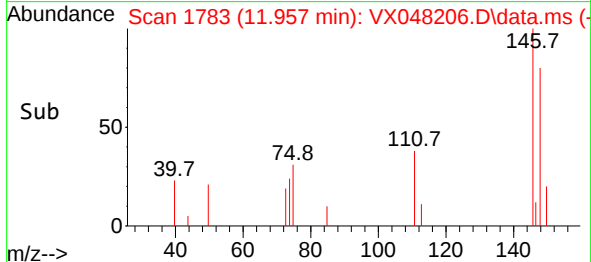
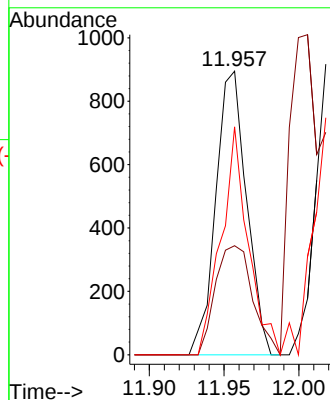
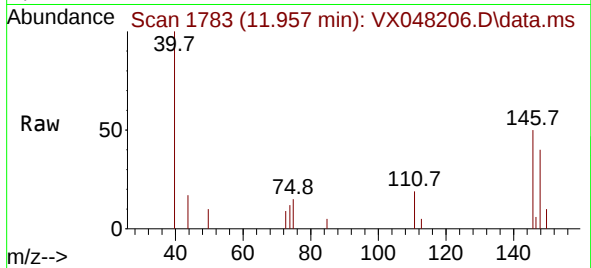




#88
1,4-Dichlorobenzene
Concen: 0.438 ug/l
RT: 11.957 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

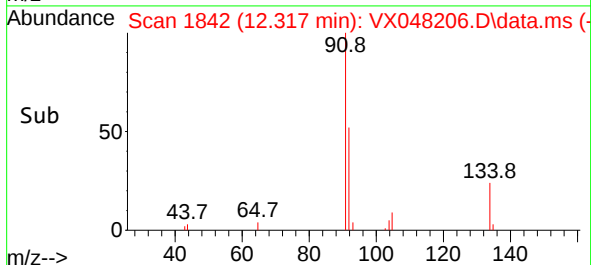
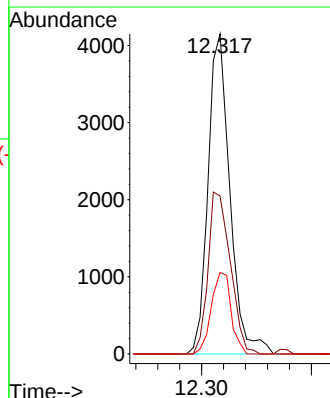
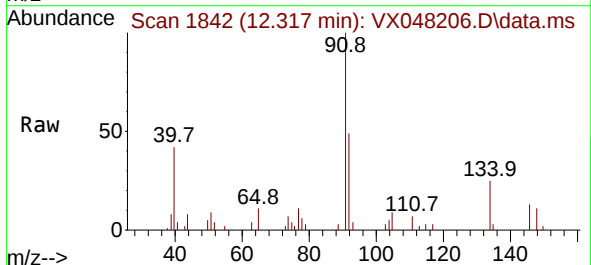
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

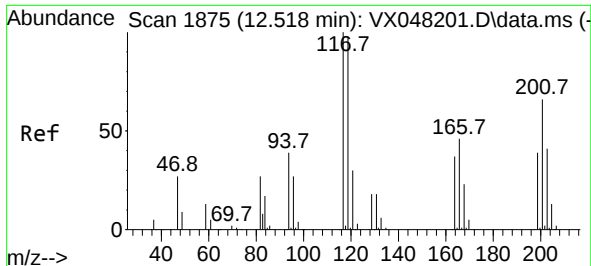
Tgt Ion:146 Resp: 1282
Ion Ratio Lower Upper
146 100
111 46.6 20.1 60.2
148 70.4 31.8 95.3



#89
n-Butylbenzene
Concen: 1.194 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion: 91 Resp: 5733
Ion Ratio Lower Upper
91 100
92 51.6 26.9 80.6
134 23.1 12.7 38.1

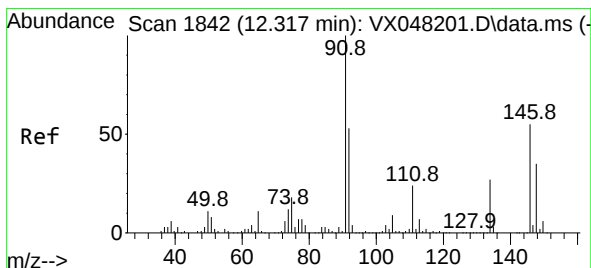
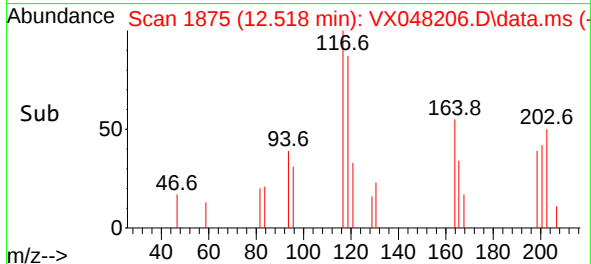
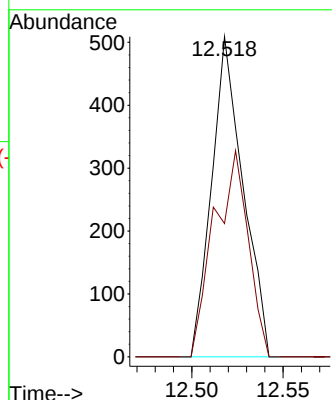
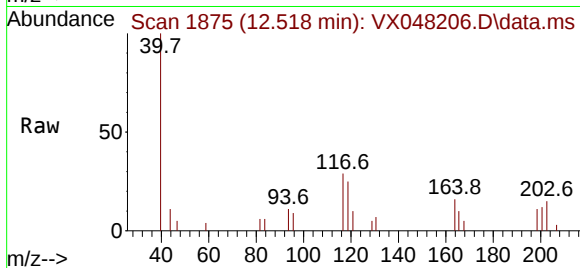




#90
Hexachloroethane
Concen: 0.560 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

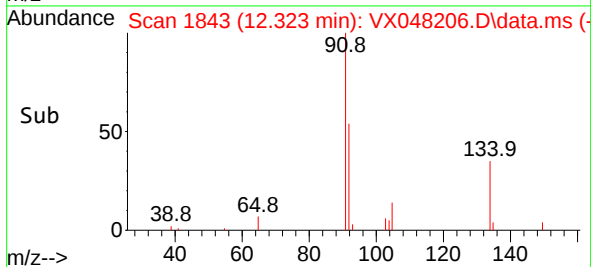
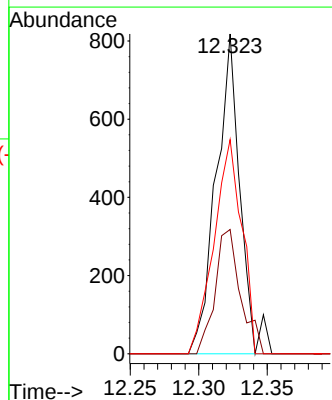
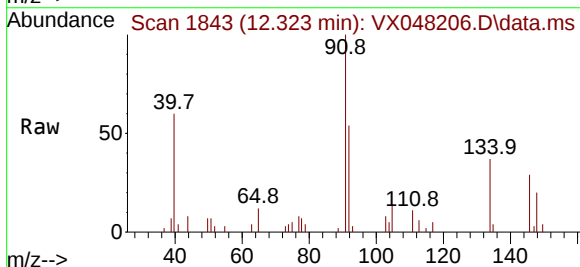
Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

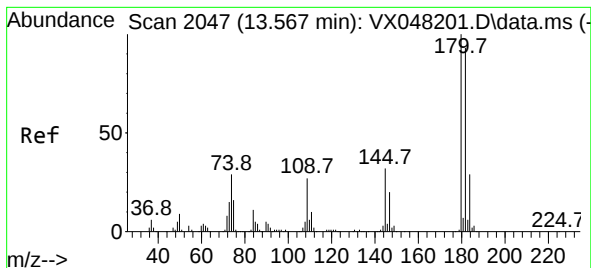
Tgt Ion:117 Resp: 610
Ion Ratio Lower Upper
117 100
201 69.5 34.1 102.2



#91
1,2-Dichlorobenzene
Concen: 0.374 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion:146 Resp: 999
Ion Ratio Lower Upper
146 100
111 41.2 21.9 65.5
148 77.2 31.9 95.5





#93

1,2,4-Trichlorobenzene

Concen: 1.777 ug/l

RT: 13.573 min Scan# 2048

Delta R.T. 0.006 min

Lab File: VX048206.D

Acq: 17 Oct 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBL01

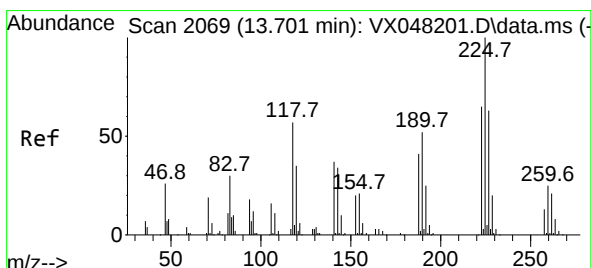
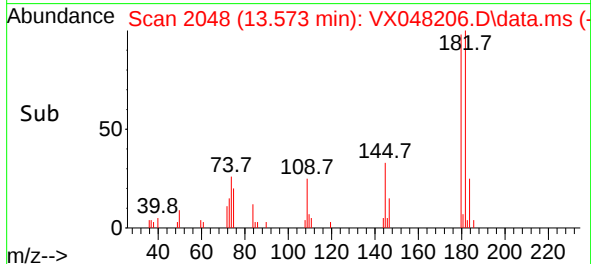
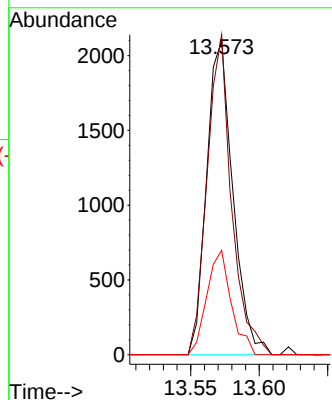
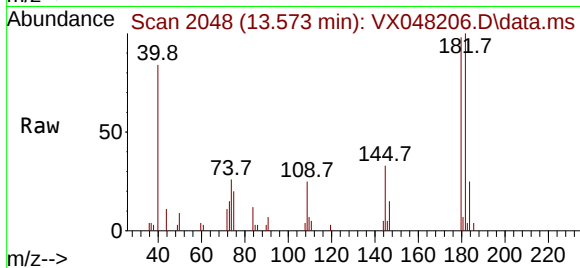
Tgt Ion:180 Resp: 2799

Ion Ratio Lower Upper

180 100

182 94.8 47.3 142.0

145 30.9 16.3 48.9



#94

Hexachlorobutadiene

Concen: 6.186 ug/l

RT: 13.701 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VX048206.D

Acq: 17 Oct 2025 12:54

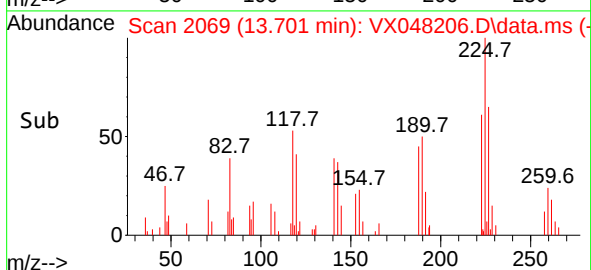
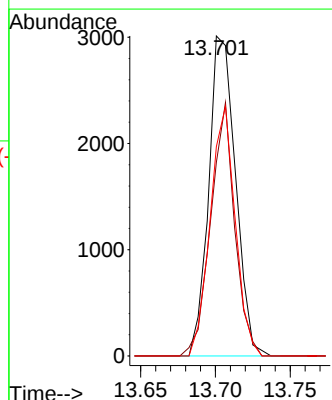
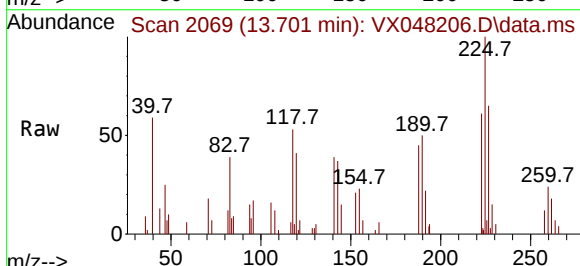
Tgt Ion:225 Resp: 3758

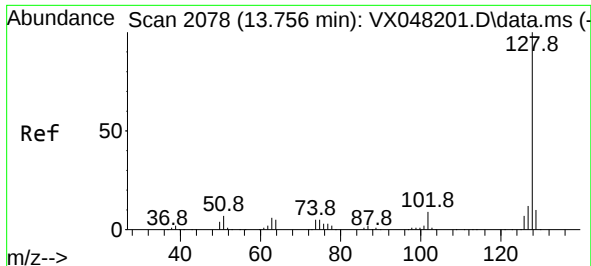
Ion Ratio Lower Upper

225 100

223 70.8 32.6 97.7

227 72.8 32.5 97.4

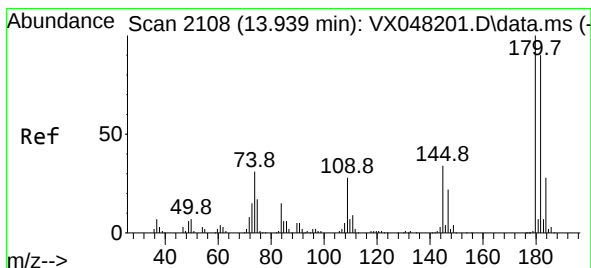
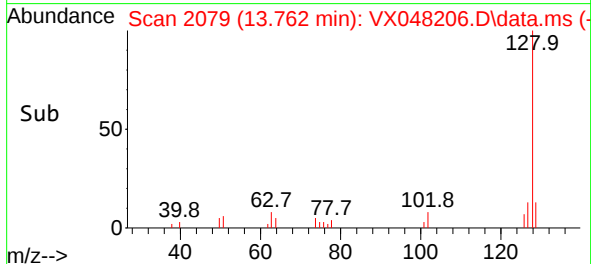
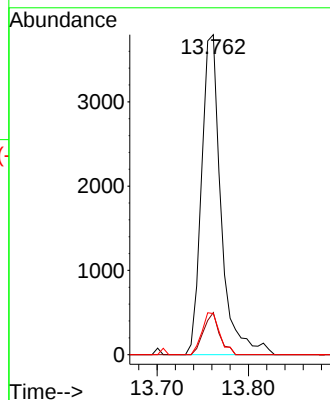
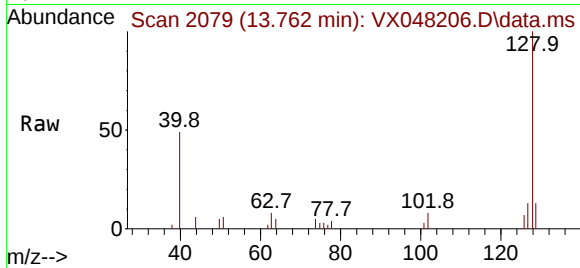




#95
Naphthalene
Concen: 1.354 ug/l
RT: 13.762 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBL01

Tgt Ion:128 Resp: 5621
Ion Ratio Lower Upper
128 100
127 10.8 10.2 15.4
129 11.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.877 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048206.D
Acq: 17 Oct 2025 12:54

Tgt Ion:180 Resp: 2727
Ion Ratio Lower Upper
180 100
182 95.6 46.6 139.7
145 35.4 16.9 50.7

