

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048170.D
 Acq On : 14 Oct 2025 16:35
 Operator : JC/MD
 Sample : Q3345-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 02:48:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

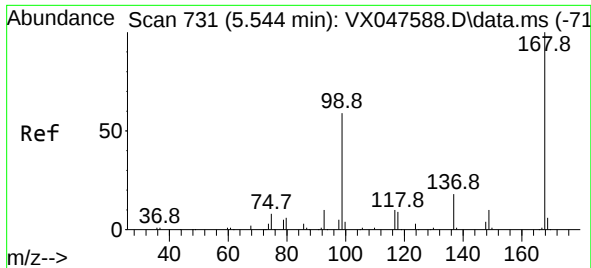
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.543	168	126748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	267515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	286383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112116	55.572	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 111.140%		
35) Dibromofluoromethane	5.373	113	92178	51.378	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.760%		
50) Toluene-d8	8.634	98	316070	50.914	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.820%		
62) 4-Bromofluorobenzene	11.067	95	134383	57.038	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.080%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	315	0.294	ug/l	91
10) Methyl Iodide	2.459	142	561	0.245	ug/l #	84
11) Tert butyl alcohol	2.946	59	2812	12.515	ug/l #	72
16) Acetone	2.379	43	1247	1.422	ug/l #	69
18) Methyl Acetate	2.696	43	544	0.279	ug/l #	63
20) Methylene Chloride	2.794	84	401	0.216	ug/l #	84
31) Cyclohexane	5.531	56	3174	1.191	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	11619	4.432	ug/l #	51
38) Carbon Tetrachloride	5.537	117	14034	4.927	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	70537	24.335	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	70537	62.057	ug/l #	8

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

Quant Time: Oct 15 02:48:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX048170.D

Acq: 14 Oct 2025 16:35

Instrument :

MSVOA_X

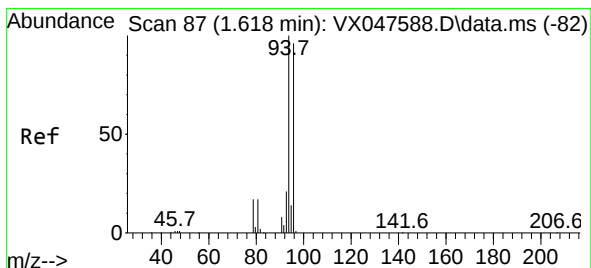
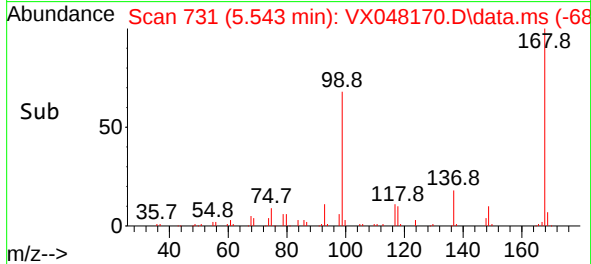
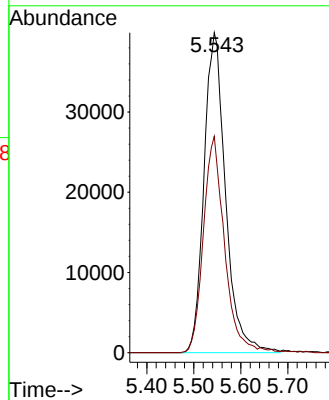
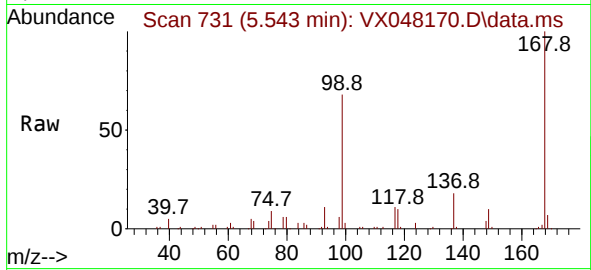
ClientSampleId :

Tgt Ion:168 Resp: 126748

Ion Ratio Lower Upper

168 100

99 67.6 48.8 73.2



#5

Bromomethane

Concen: 0.294 ug/l

RT: 1.630 min Scan# 89

Delta R.T. 0.012 min

Lab File: VX048170.D

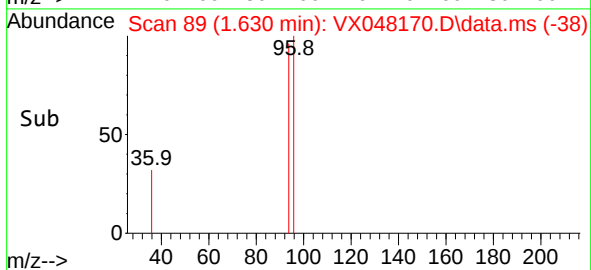
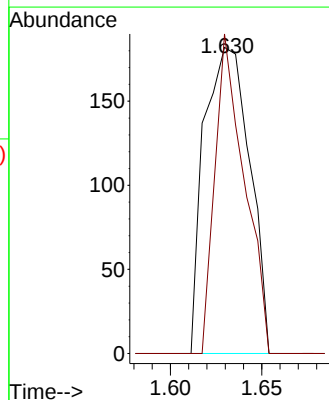
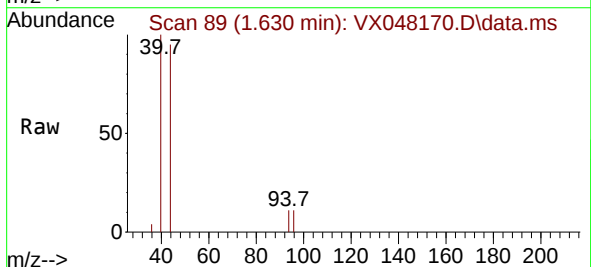
Acq: 14 Oct 2025 16:35

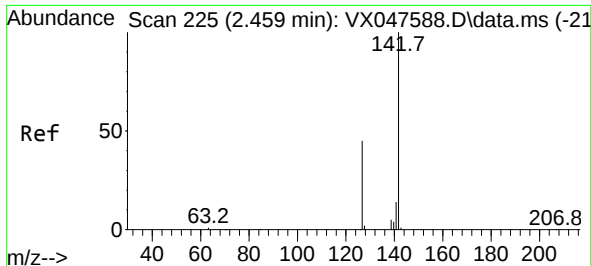
Tgt Ion: 94 Resp: 315

Ion Ratio Lower Upper

94 100

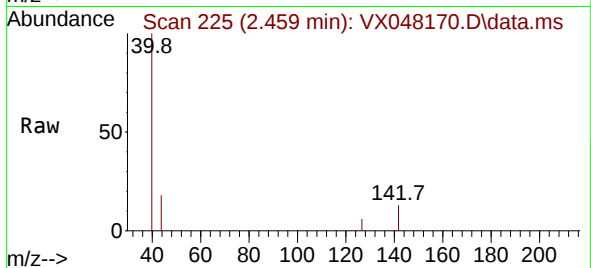
96 104.4 76.6 115.0



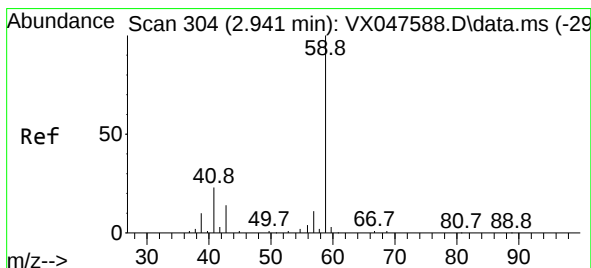
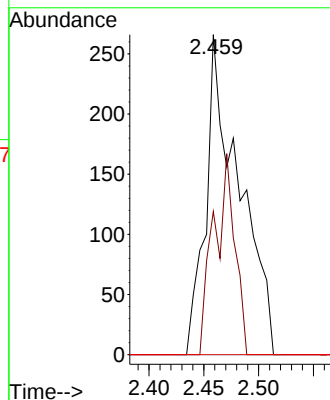
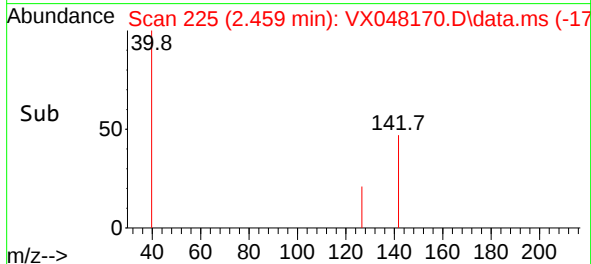


#10
Methyl Iodide
Concen: 0.245 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :

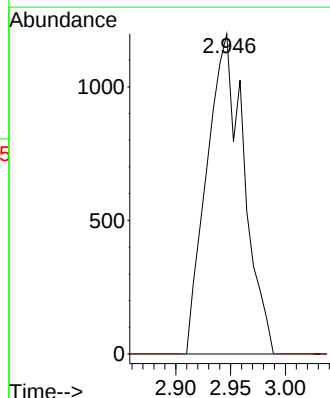
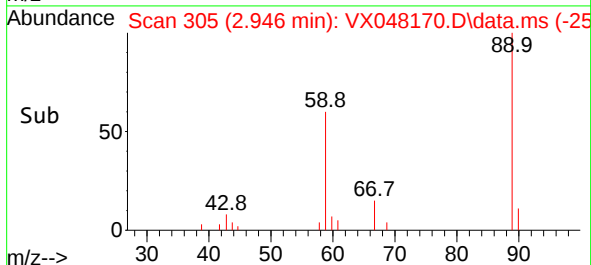
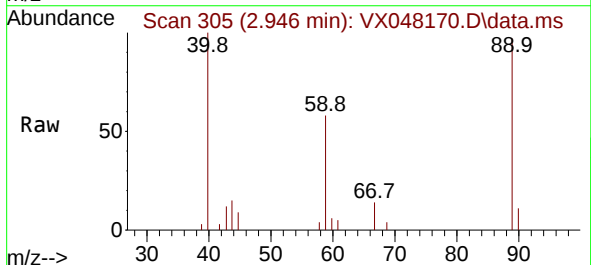


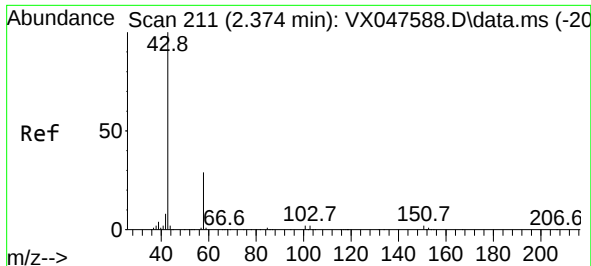
Tgt Ion:142 Resp: 561
Ion Ratio Lower Upper
142 100
127 39.6 37.2 55.8
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 12.515 ug/l
RT: 2.946 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

Tgt Ion: 59 Resp: 2812
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

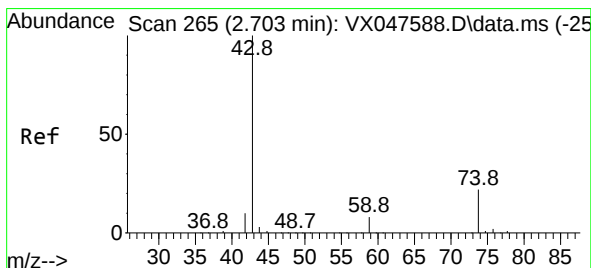
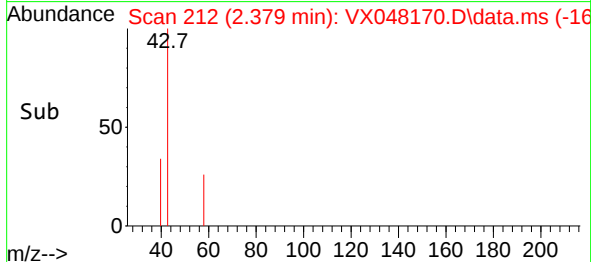
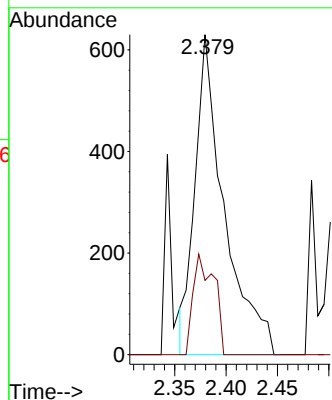
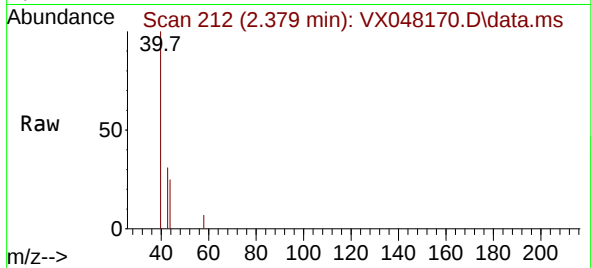




#16
Acetone
Concen: 1.422 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

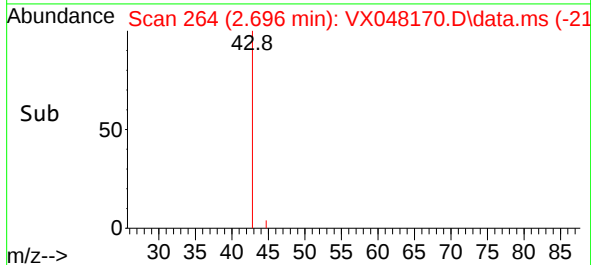
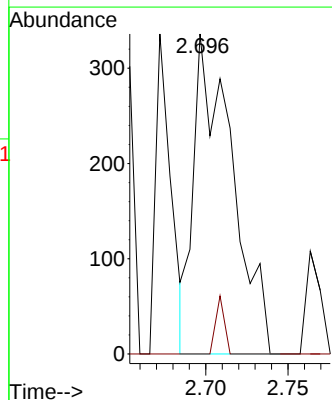
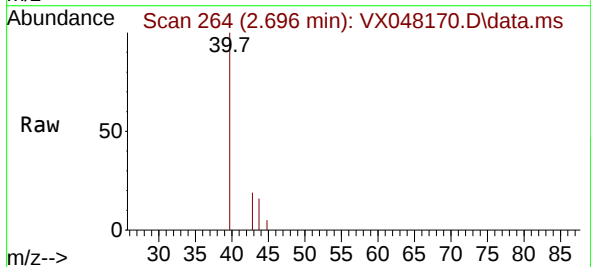
Instrument :
MSVOA_X
ClientSampleId :

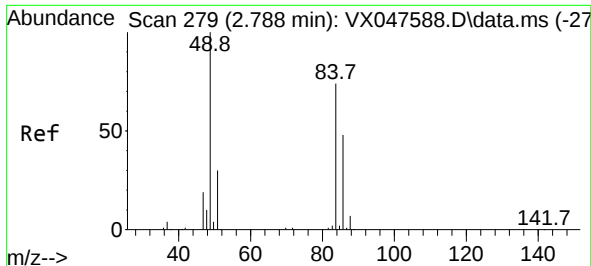
Tgt Ion: 43 Resp: 1247
Ion Ratio Lower Upper
43 100
58 12.8 23.4 35.0#



#18
Methyl Acetate
Concen: 0.279 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

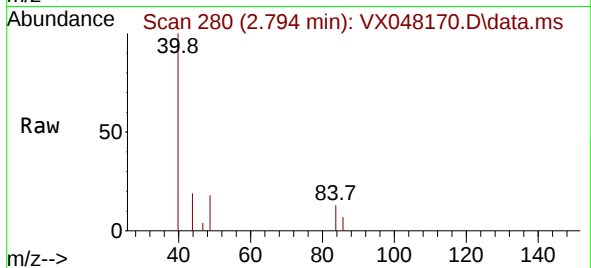
Tgt Ion: 43 Resp: 544
Ion Ratio Lower Upper
43 100
74 4.0 17.4 26.2#



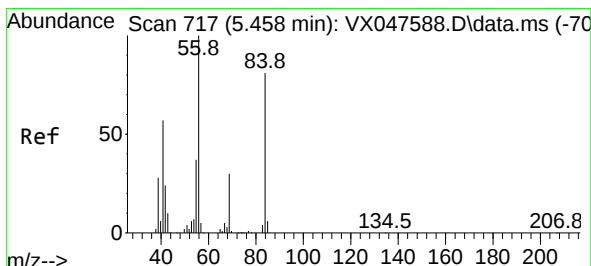
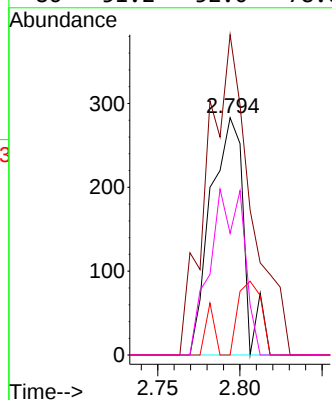
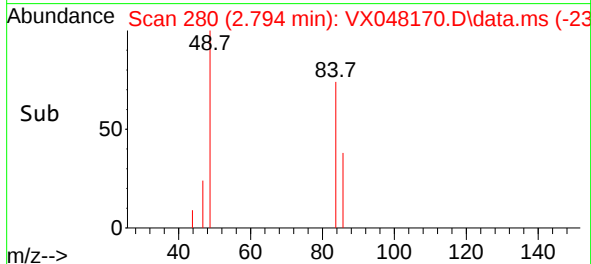


#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

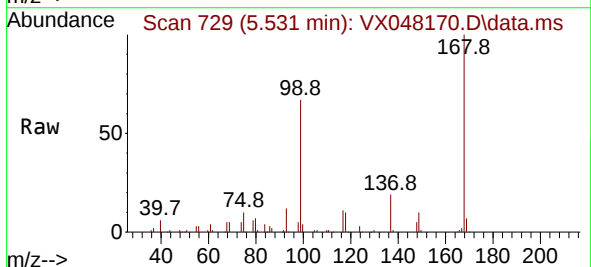
Instrument :
MSVOA_X
ClientSampleId :



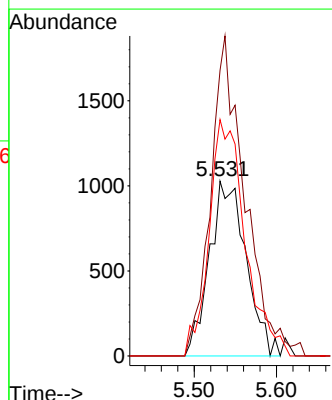
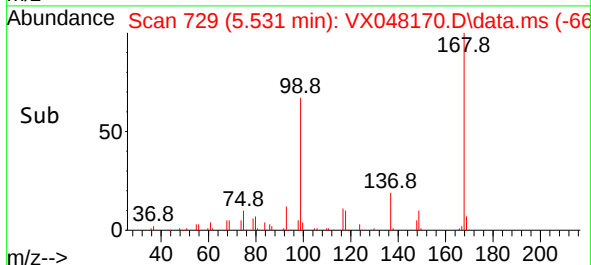
Tgt Ion: 84 Resp: 401
Ion Ratio Lower Upper
84 100
49 135.0 108.6 162.8
51 0.0 32.6 48.8#
86 51.2 52.0 78.0#

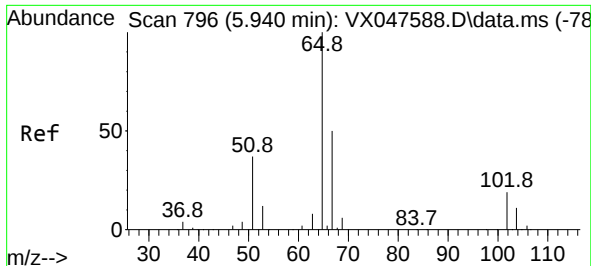


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35



Tgt Ion: 56 Resp: 3174
Ion Ratio Lower Upper
56 100
69 163.5 23.8 35.8#
84 135.2 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 55.572 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048170.D

Acq: 14 Oct 2025 16:35

Instrument :

MSVOA_X

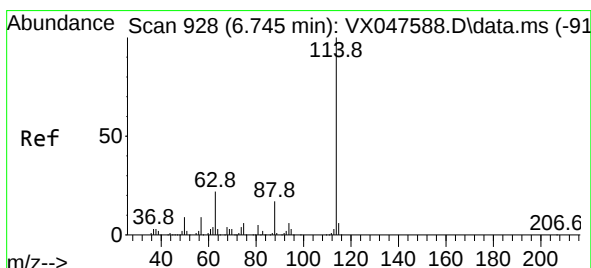
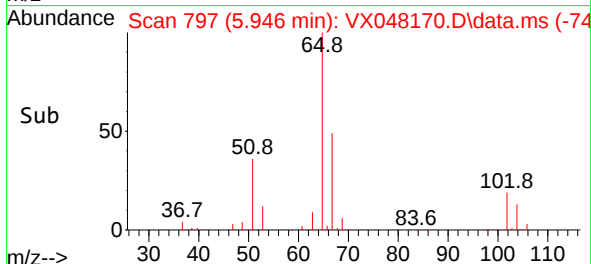
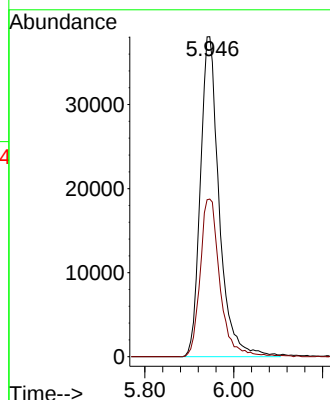
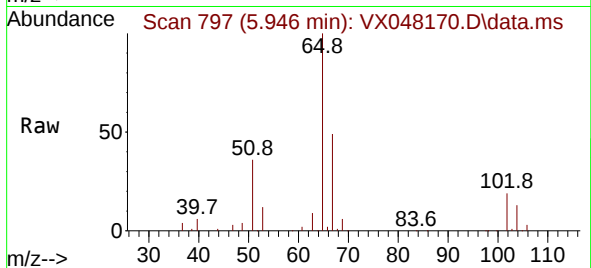
ClientSampleId :

Tgt Ion: 65 Resp: 112116

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048170.D

Acq: 14 Oct 2025 16:35

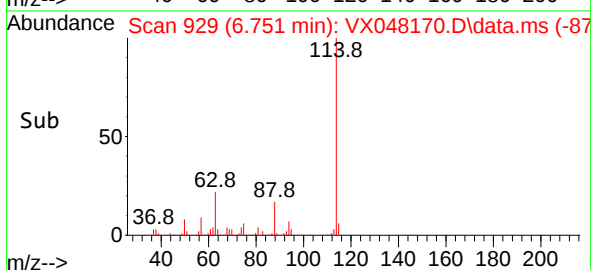
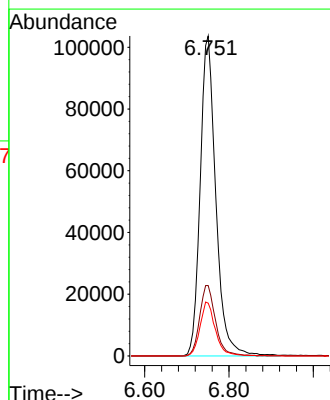
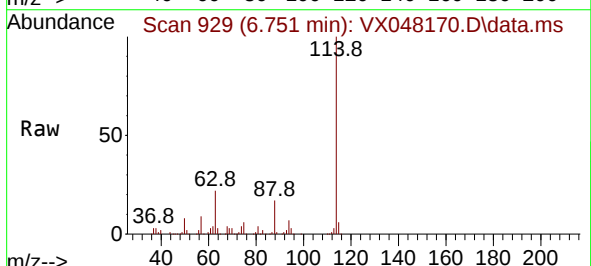
Tgt Ion: 114 Resp: 267515

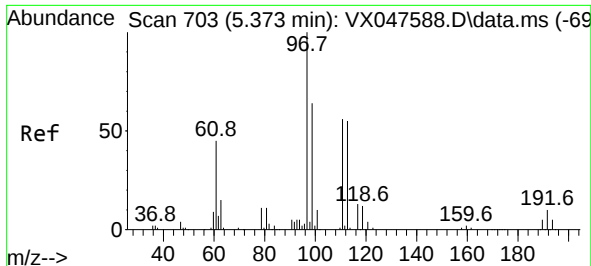
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.5 0.0 34.2

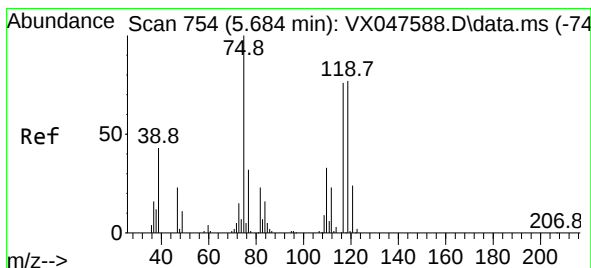
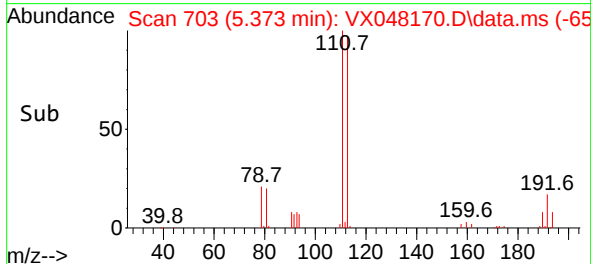
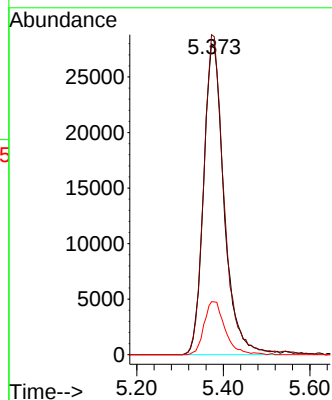
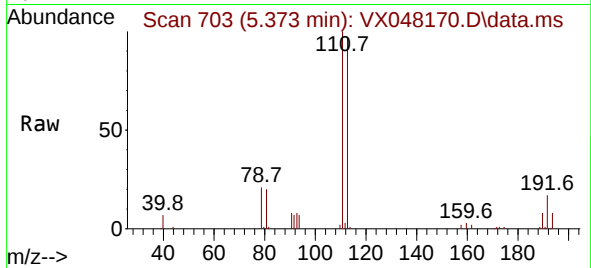




#35
Dibromofluoromethane
Concen: 51.378 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

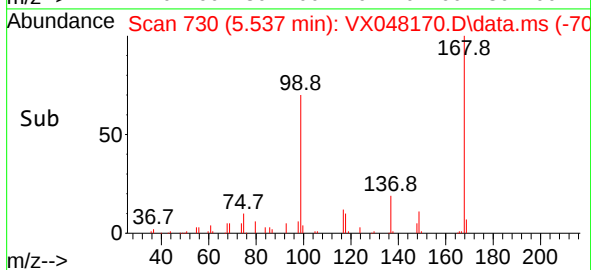
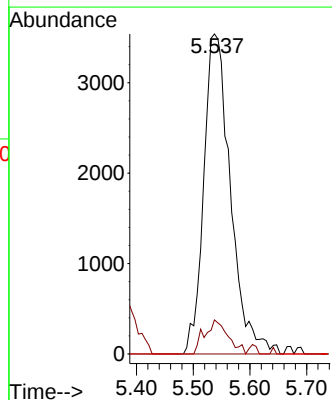
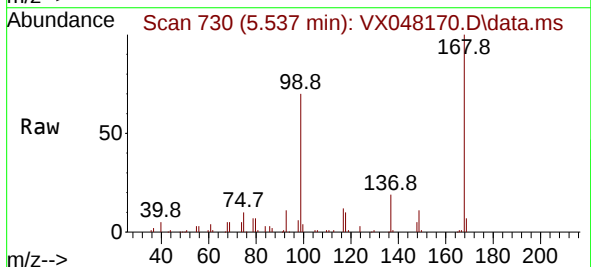
Instrument :
MSVOA_X
ClientSampleId :

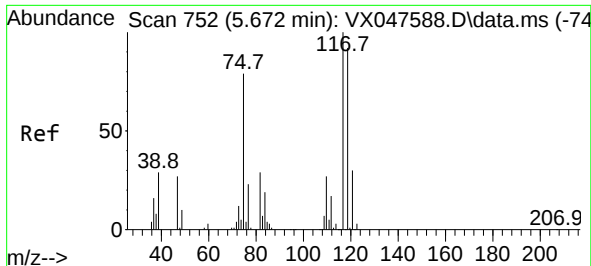
Tgt Ion:113 Resp: 92178
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 17.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.432 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.147 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

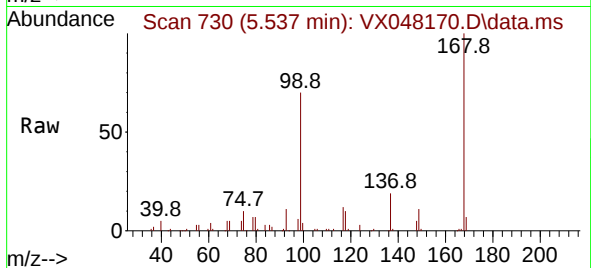
Tgt Ion: 75 Resp: 11619
Ion Ratio Lower Upper
75 100
110 9.2 16.7 50.1#
77 0.0 24.3 36.5#



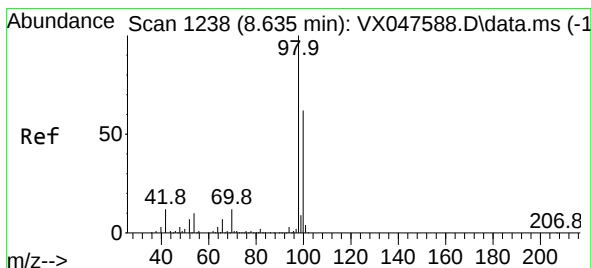
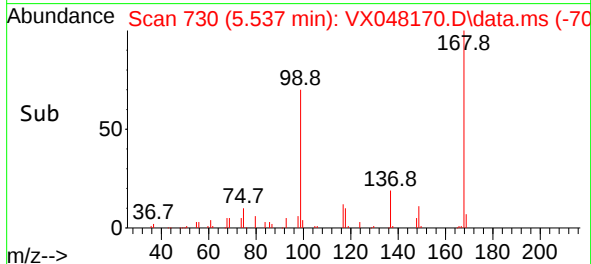
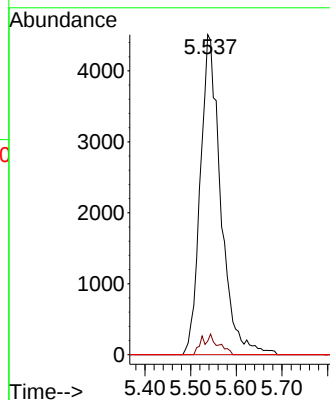


#38
Carbon Tetrachloride
Concen: 4.927 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :

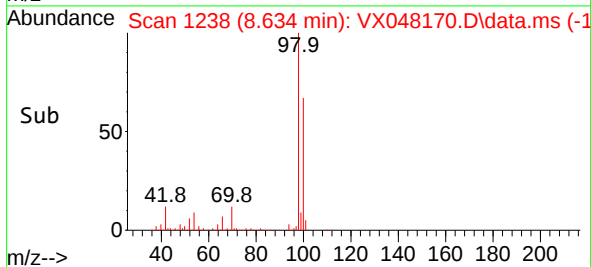
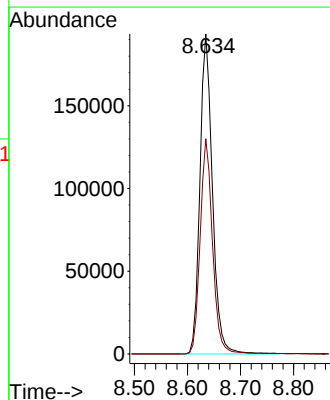
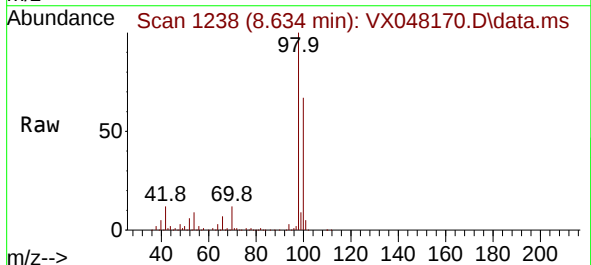


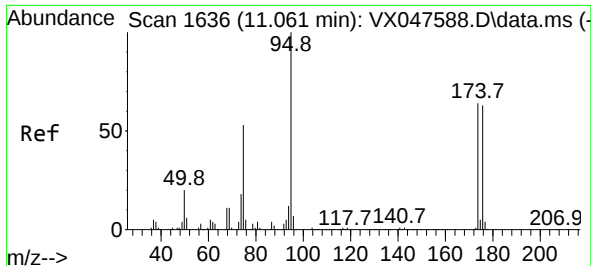
Tgt Ion:117 Resp: 14034
Ion Ratio Lower Upper
117 100
119 4.3 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.914 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

Tgt Ion: 98 Resp: 316070
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

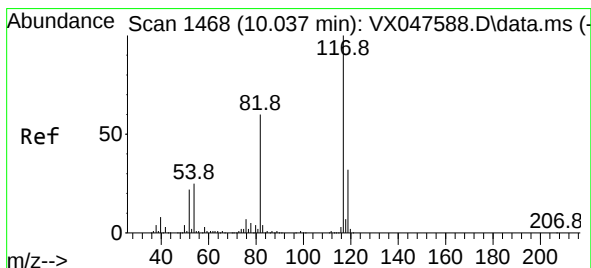
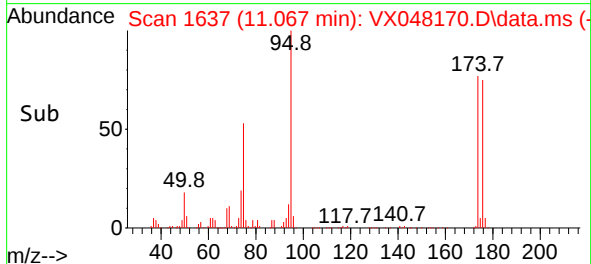
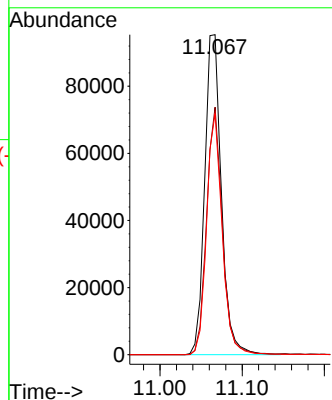
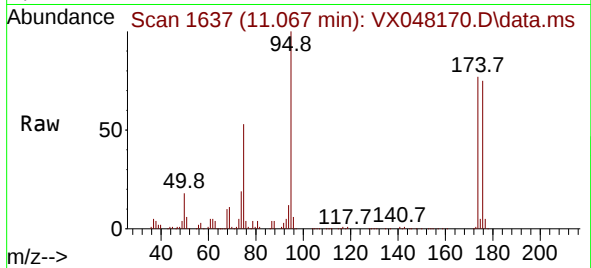




#62
4-Bromofluorobenzene
Concen: 57.038 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

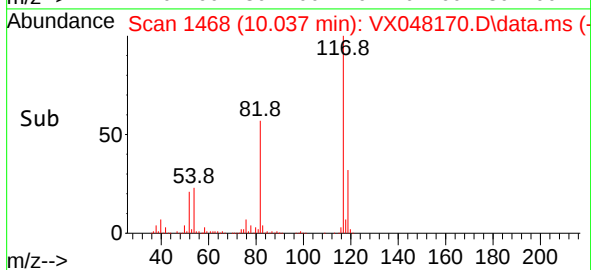
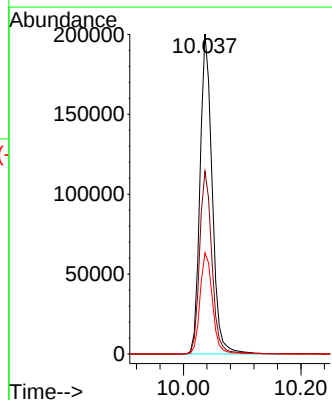
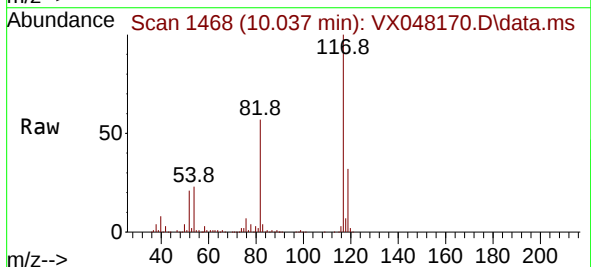
Instrument :
MSVOA_X
ClientSampleId :

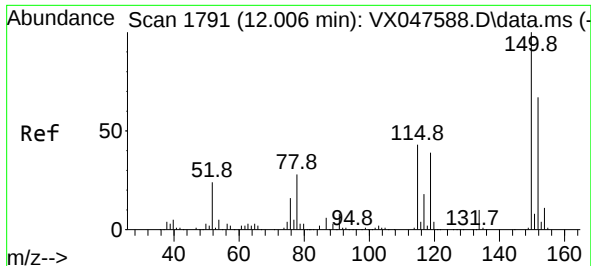
Tgt Ion: 95 Resp: 134383
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 70.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

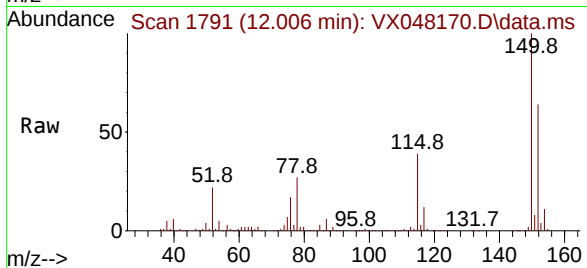
Tgt Ion: 117 Resp: 286383
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.6
119 31.6 25.2 37.8



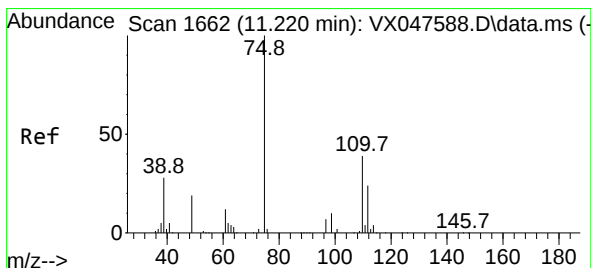
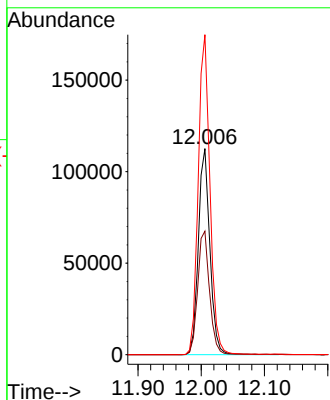
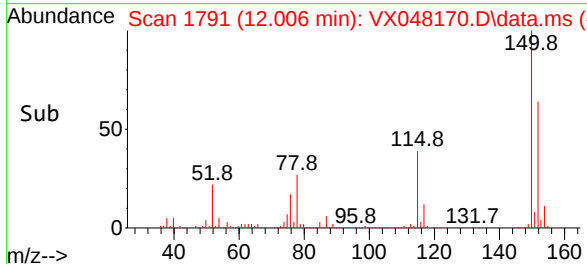


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :

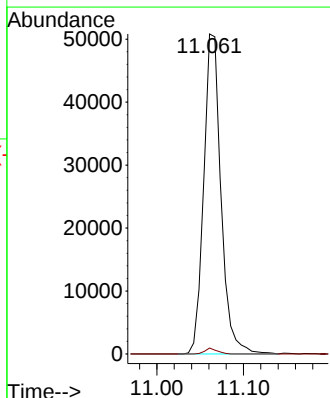
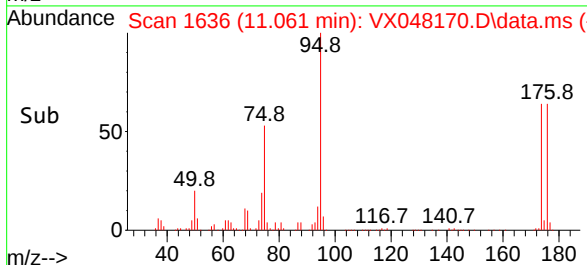
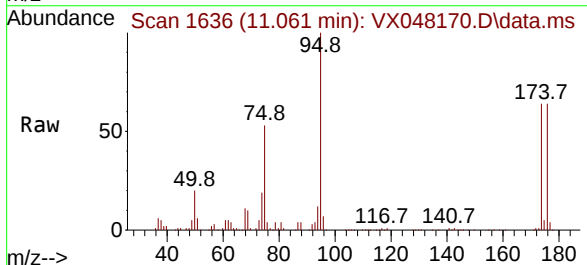


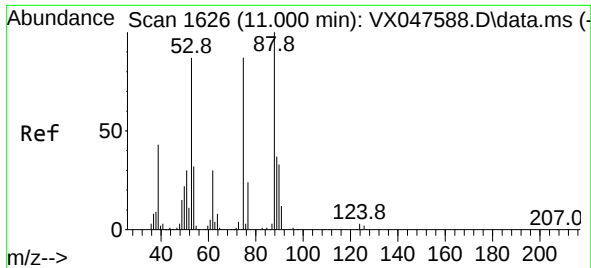
Tgt Ion:152 Resp: 143164
Ion Ratio Lower Upper
152 100
115 61.8 44.9 134.5
150 157.9 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 24.335 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

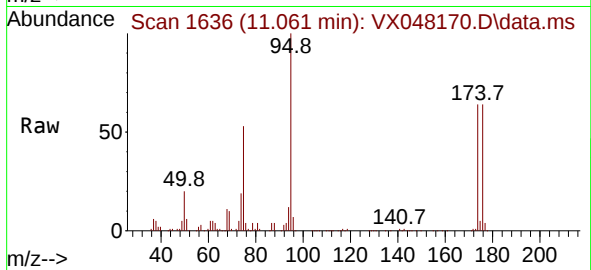
Tgt Ion: 75 Resp: 70537
Ion Ratio Lower Upper
75 100
77 1.3 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.057 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048170.D
 Acq: 14 Oct 2025 16:35

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 70537
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.4 125.2#
 89 0.0 36.3 54.5#

