

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
 Data File : VX048529.D
 Acq On : 10 Nov 2025 11:28
 Operator : JC/MD
 Sample : VX1110MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 11 00:43:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

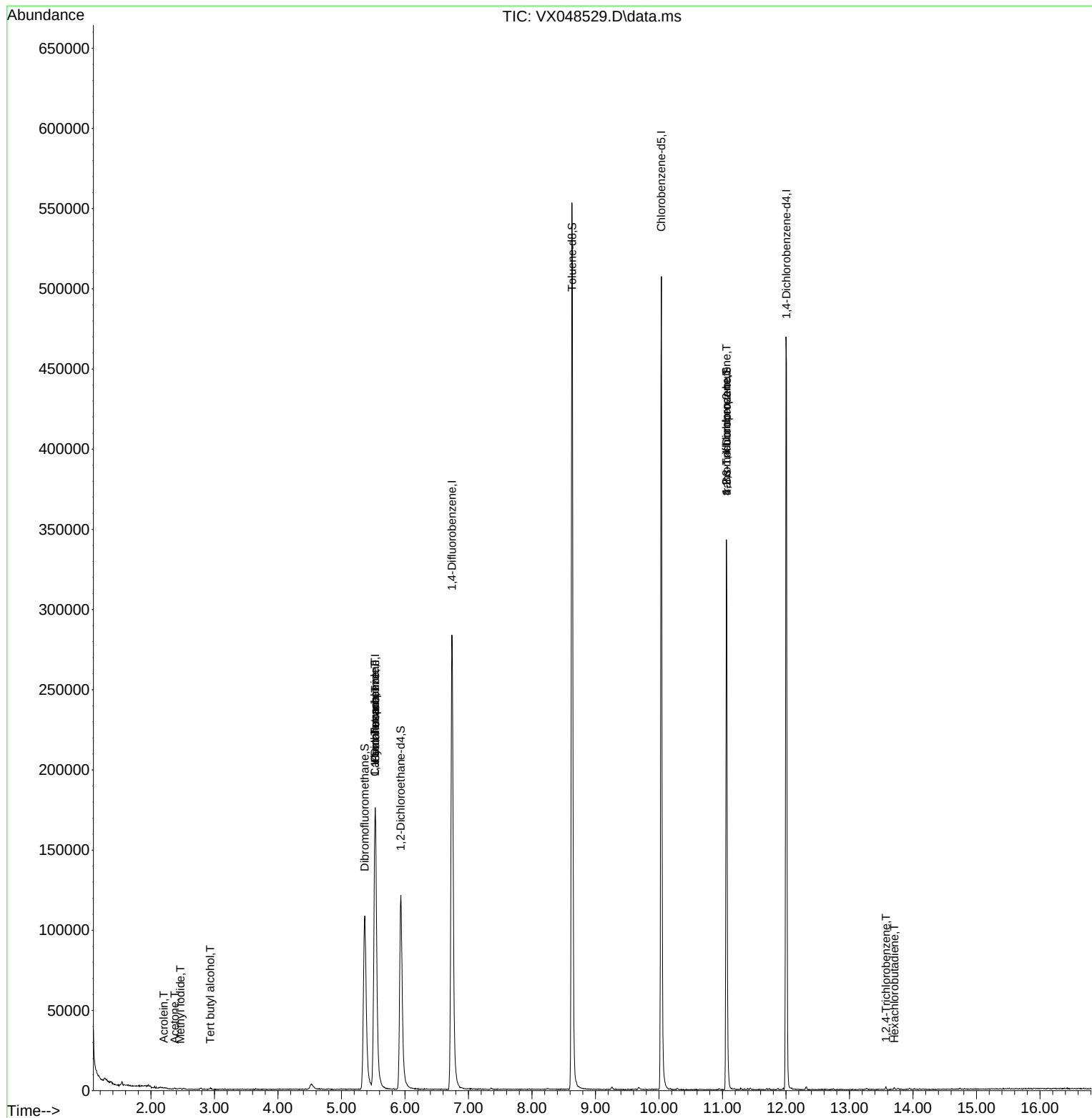
Internal Standards						
1) Pentafluorobenzene	5.532	168	191266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	325397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	130545	48.982	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.960%
35) Dibromofluoromethane	5.367	113	108753	44.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.320%
50) Toluene-d8	8.629	98	356442	46.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.820%
62) 4-Bromofluorobenzene	11.061	95	90550	31.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	63.260%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	690	0.219	ug/l #	89
11) Tert butyl alcohol	2.935	59	102	0.202	ug/l #	71
13) Acrolein	2.203	56	23	0.315	ug/l #	15
16) Acetone	2.374	43	975	0.773	ug/l #	76
31) Cyclohexane	5.532	56	3298	0.922	ug/l #	1
36) 1,1-Dichloropropene	5.526	75	13996	4.244	ug/l #	50
38) Carbon Tetrachloride	5.526	117	19144	5.100	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	48948	19.976	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	48948	57.138	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.573	180	495	0.217	ug/l	95
94) Hexachlorobutadiene	13.707	225	333	0.349	ug/l	67

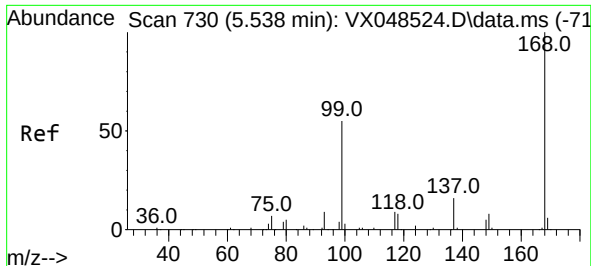
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048529.D
Acq On : 10 Nov 2025 11:28
Operator : JC/MD
Sample : VX1110MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 11 00:43:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

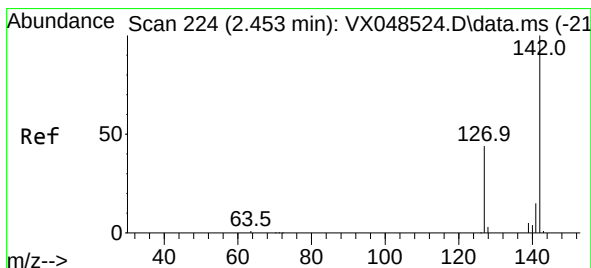
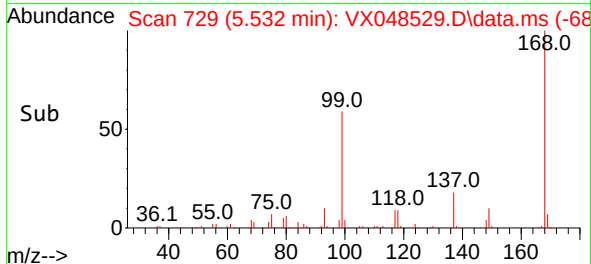
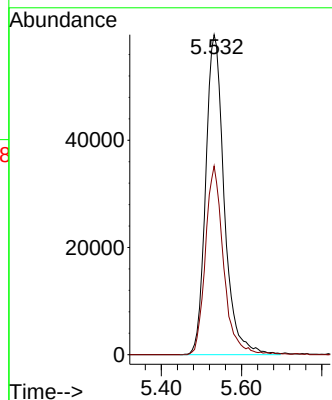
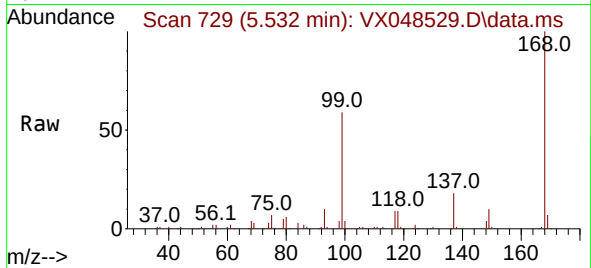




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

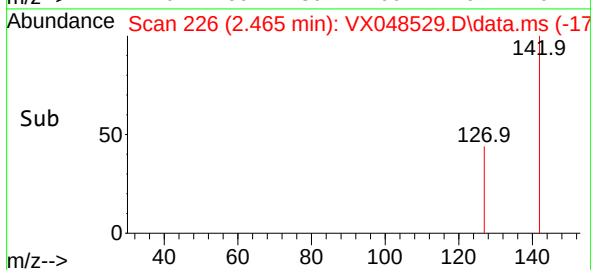
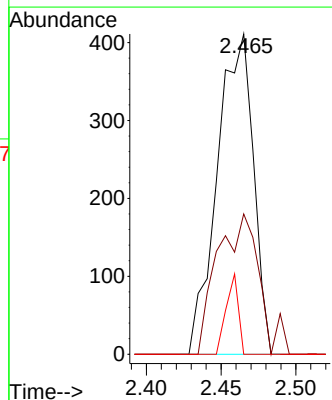
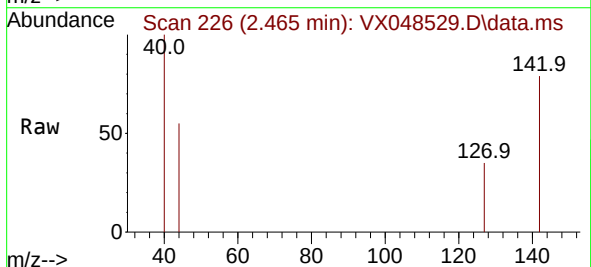
Instrument :
MSVOA_X
ClientSampleId :

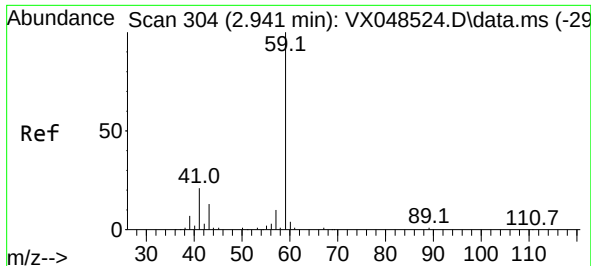
Tgt Ion:168 Resp: 191266
Ion Ratio Lower Upper
168 100
99 58.9 45.2 67.8



#10
Methyl Iodide
Concen: 0.219 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

Tgt Ion:142 Resp: 690
Ion Ratio Lower Upper
142 100
127 51.0 35.8 53.6
141 8.4 11.4 17.0#

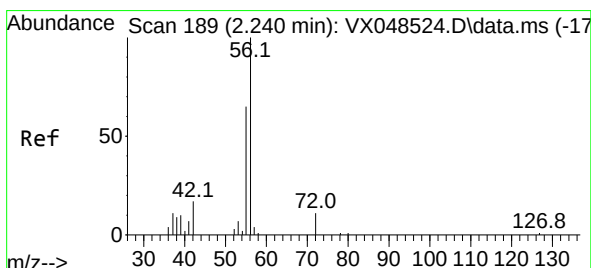
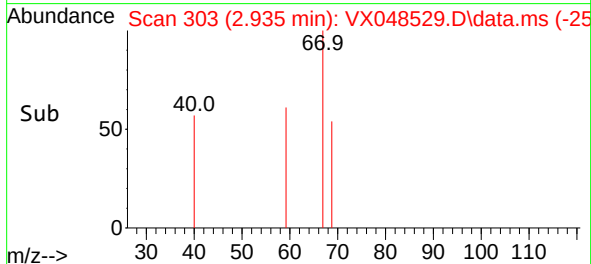
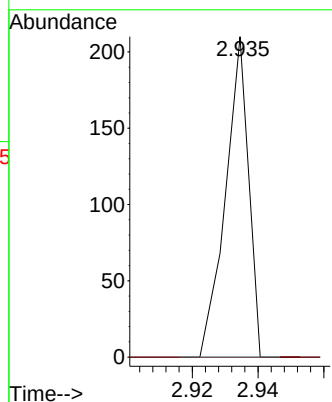
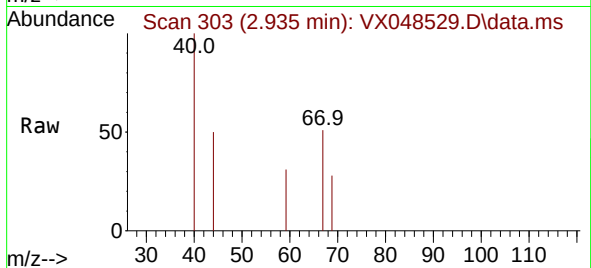




#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 2.935 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

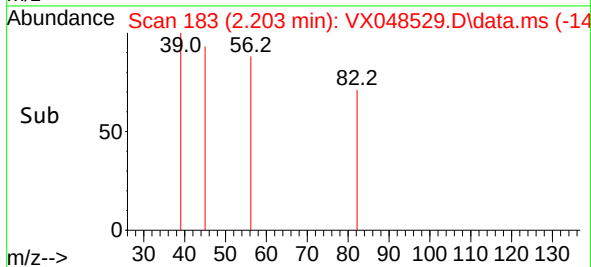
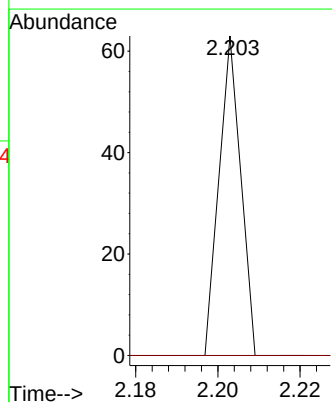
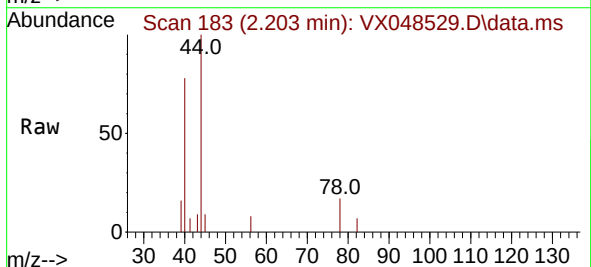
Instrument :
MSVOA_X
ClientSampleId :

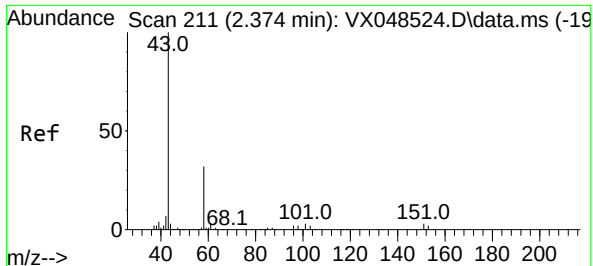
Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.315 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.037 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

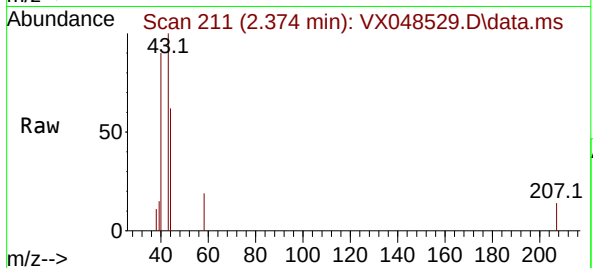
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 54.9 82.3#



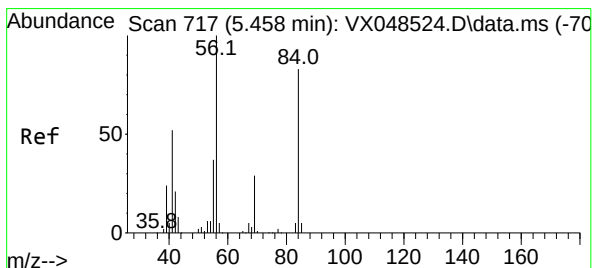
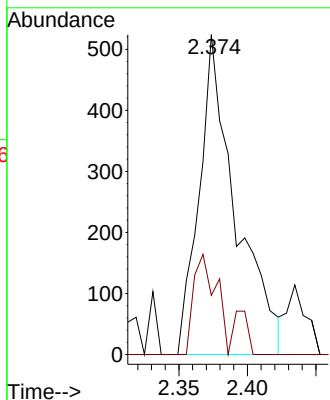
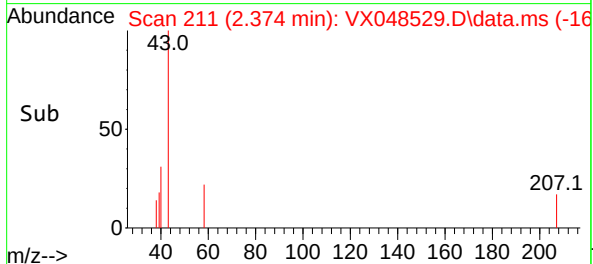


#16
Acetone
Concen: 0.773 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

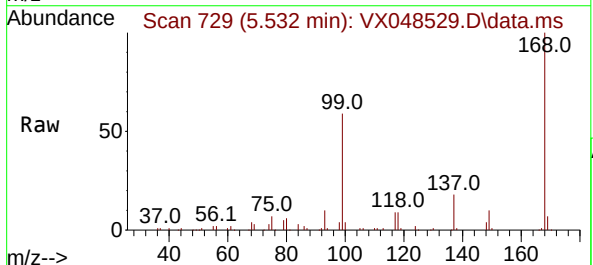
Instrument :
MSVOA_X
ClientSampleId :



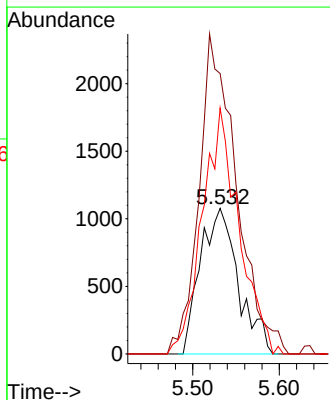
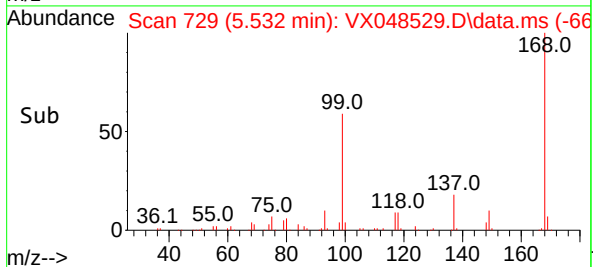
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 18.5 25.8 38.6#

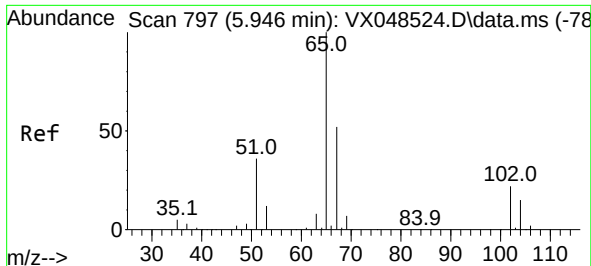


#31
Cyclohexane
Concen: 0.922 ug/l
RT: 5.532 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28



Tgt Ion: 56 Resp: 3298
Ion Ratio Lower Upper
56 100
69 182.7 23.4 35.2#
84 163.8 66.3 99.5#

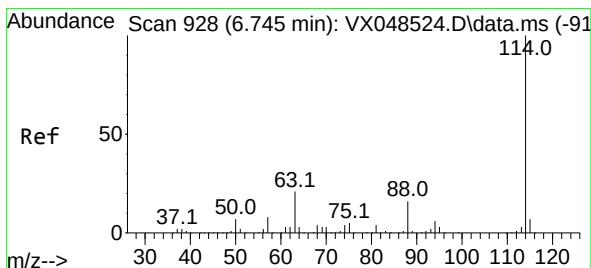
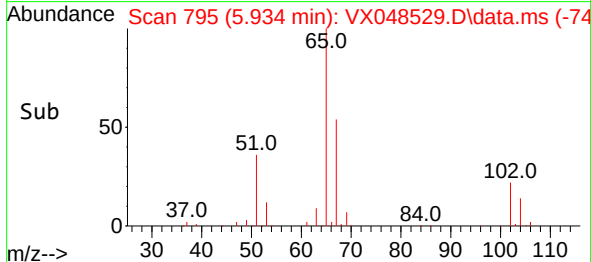
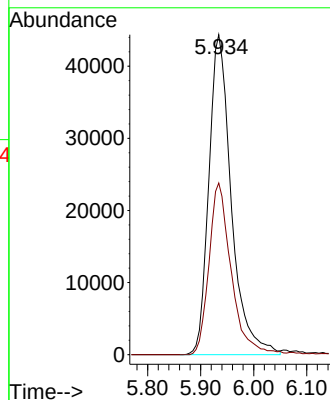
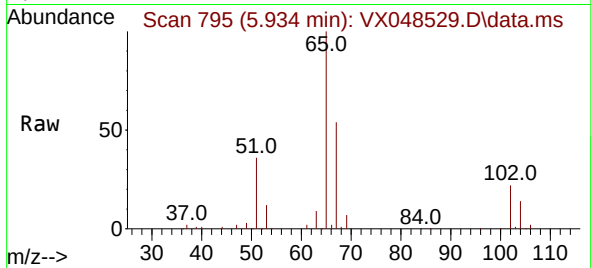




#33
 1,2-Dichloroethane-d4
 Concen: 48.982 ug/l
 RT: 5.934 min Scan# 797
 Delta R.T. -0.012 min
 Lab File: VX048529.D
 Acq: 10 Nov 2025 11:28

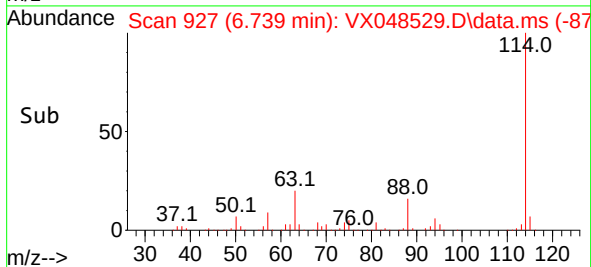
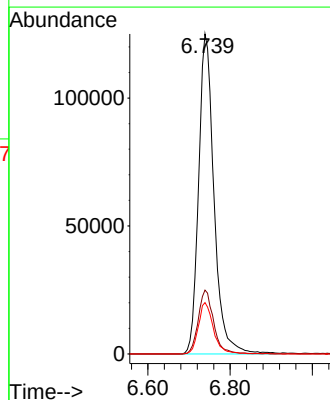
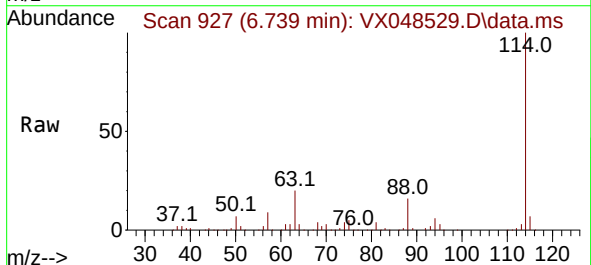
Instrument :
 MSVOA_X
 ClientSampleId :

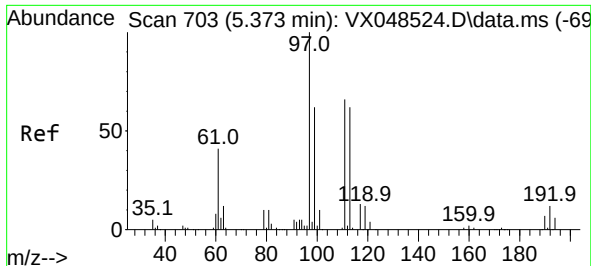
Tgt Ion: 65 Resp: 130545
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048529.D
 Acq: 10 Nov 2025 11:28

Tgt Ion: 114 Resp: 325397
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 16.1 0.0 32.2

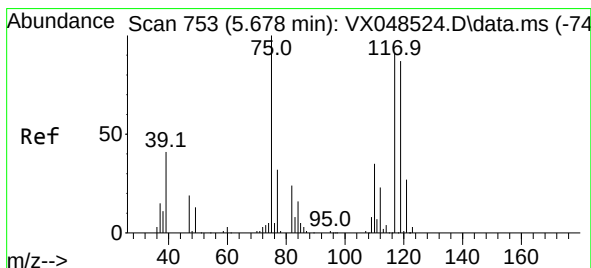
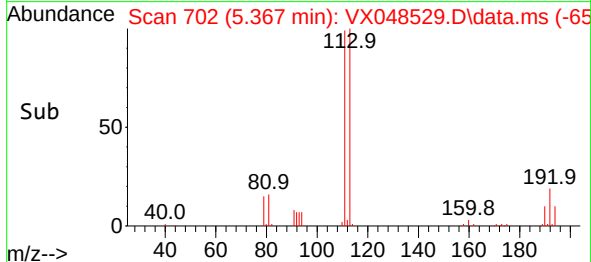
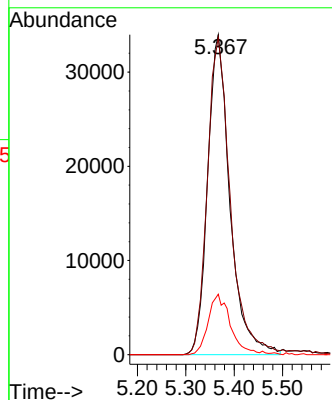
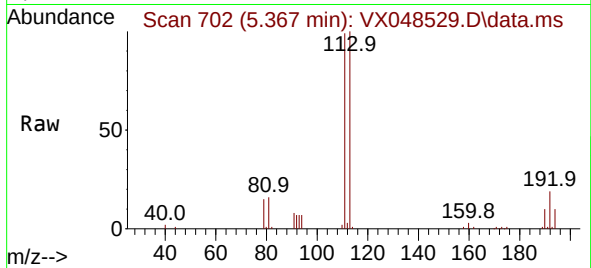




#35
Dibromofluoromethane
Concen: 44.158 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

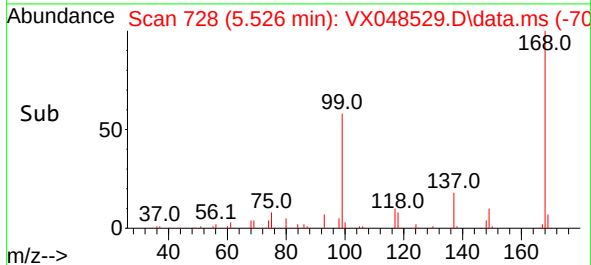
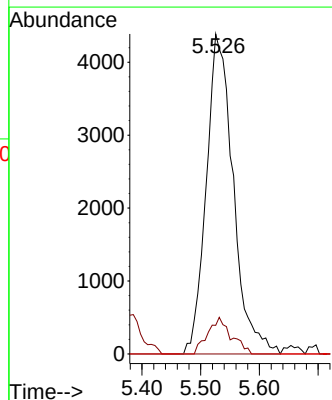
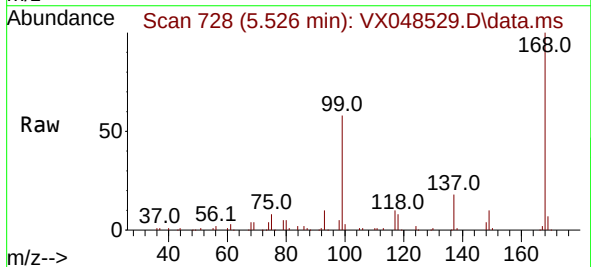
Instrument :
MSVOA_X
ClientSampleId :

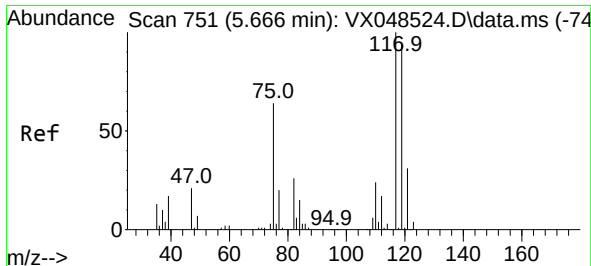
Tgt Ion:113 Resp: 108753
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.8 15.8 23.6



#36
1,1-Dichloropropene
Concen: 4.244 ug/l
RT: 5.526 min Scan# 728
Delta R.T. -0.152 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

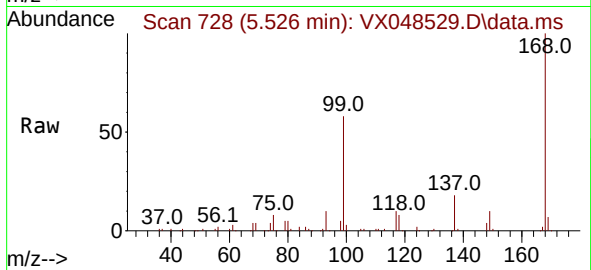
Tgt Ion: 75 Resp: 13996
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.4#
77 0.0 24.6 37.0#



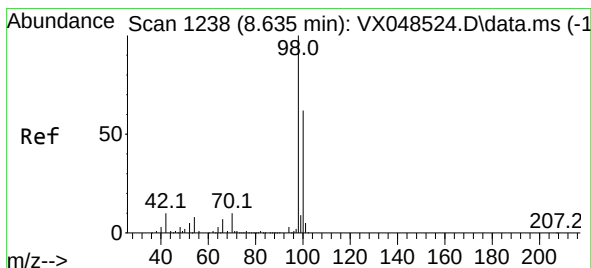
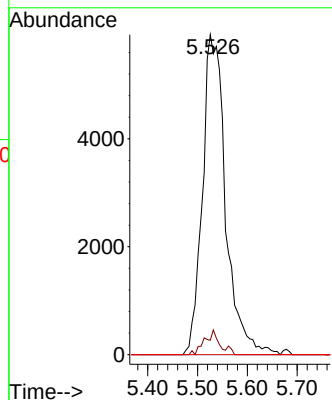
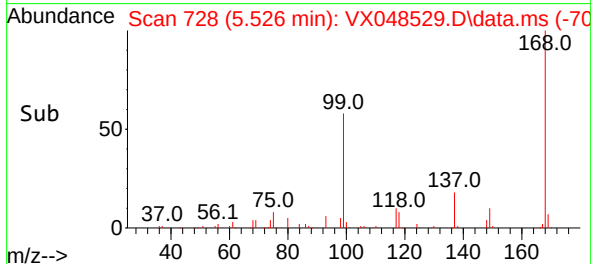


#38
Carbon Tetrachloride
Concen: 5.100 ug/l
RT: 5.526 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

Instrument :
MSVOA_X
ClientSampleId :

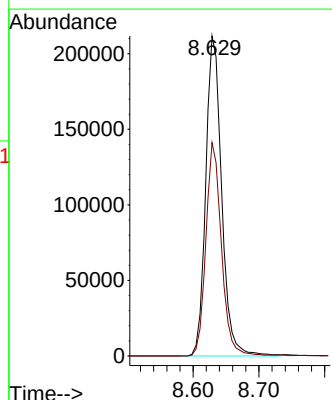
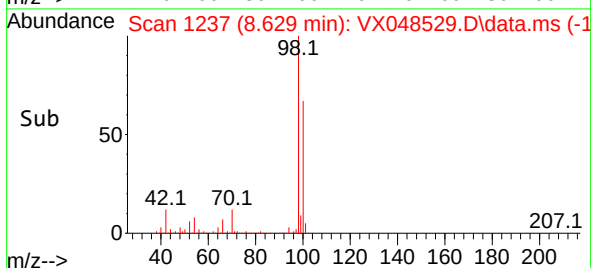
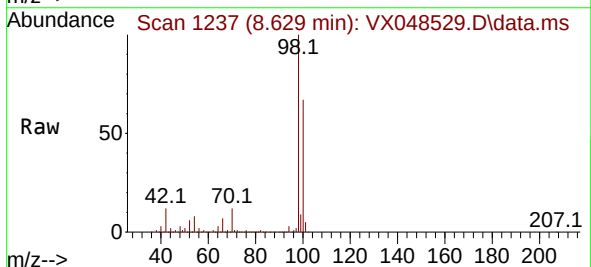


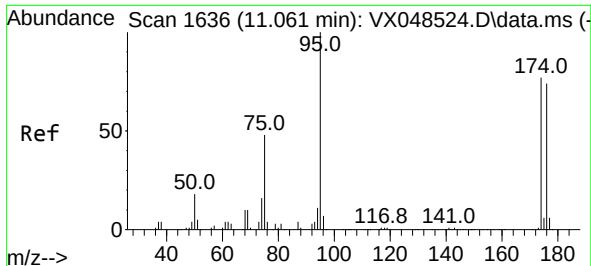
Tgt Ion:117 Resp: 19144
Ion Ratio Lower Upper
117 100
119 4.5 74.5 111.7#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.405 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

Tgt Ion: 98 Resp: 356442
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4

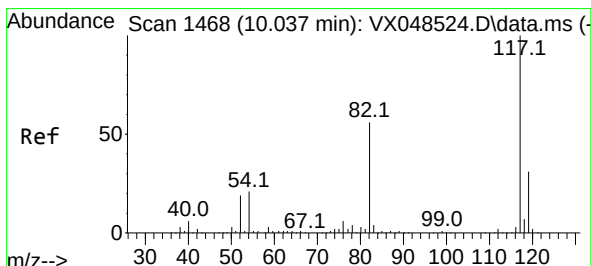
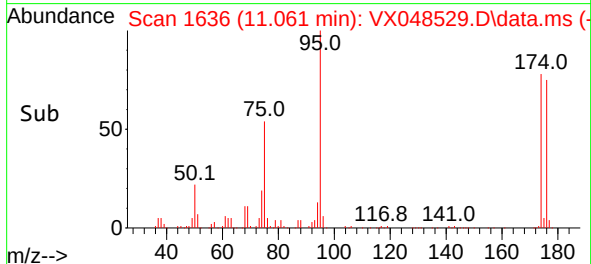
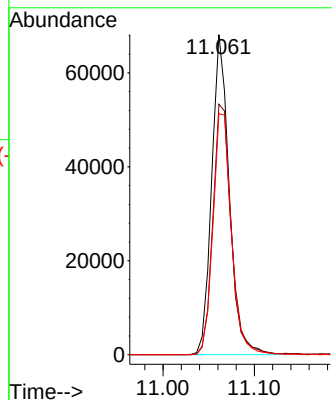
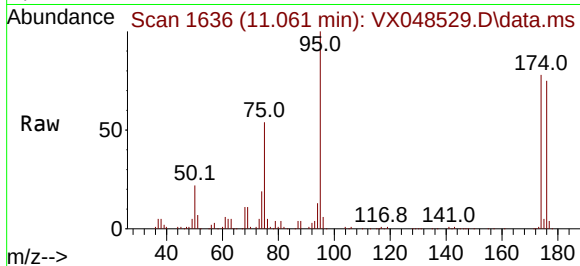




#62
4-Bromofluorobenzene
Concen: 31.633 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

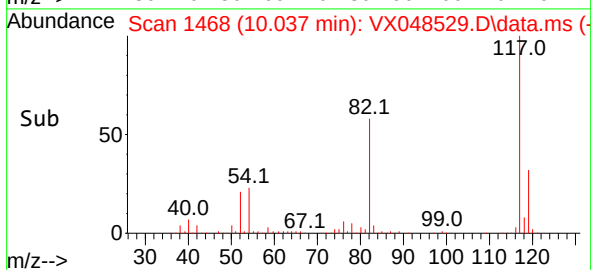
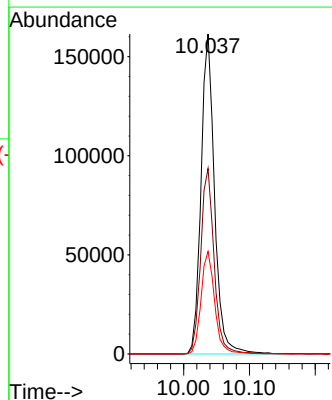
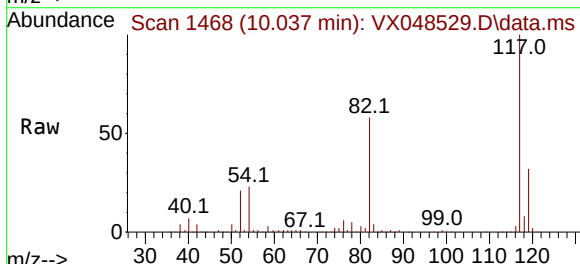
Instrument :
MSVOA_X
ClientSampleId :

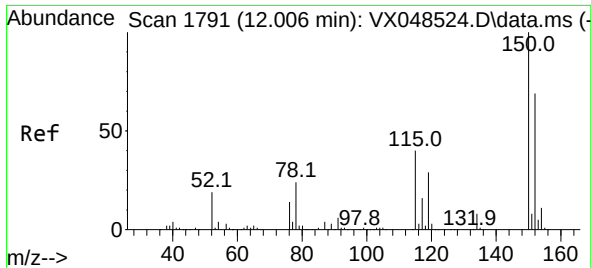
Tgt Ion: 95 Resp: 90550
Ion Ratio Lower Upper
95 100
174 82.1 0.0 161.8
176 79.3 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

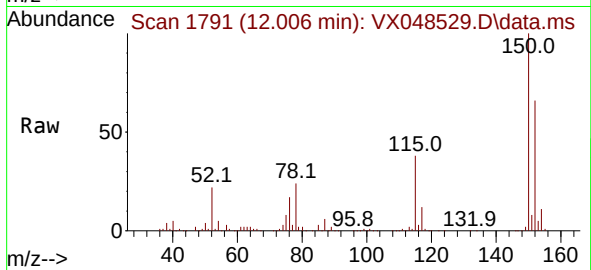
Tgt Ion: 117 Resp: 230141
Ion Ratio Lower Upper
117 100
82 58.0 44.4 66.6
119 32.1 25.1 37.7



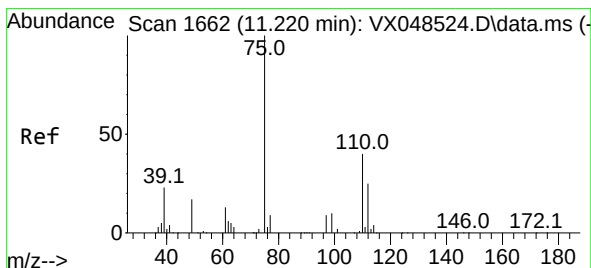
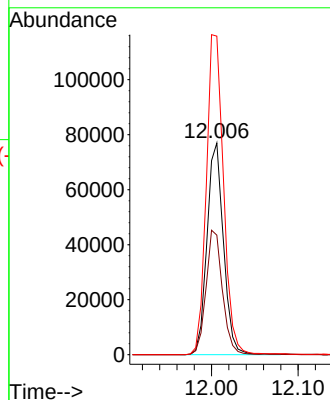
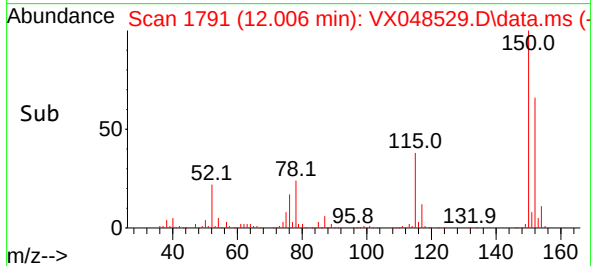


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048529.D
 Acq: 10 Nov 2025 11:28

Instrument :
 MSVOA_X
 ClientSampleId :

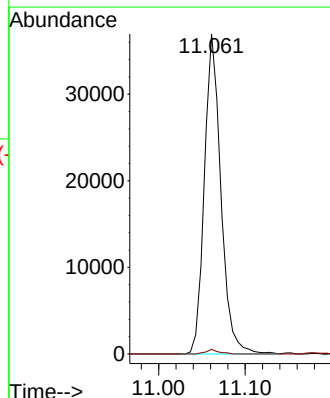
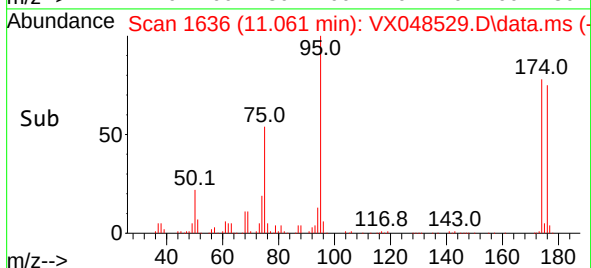
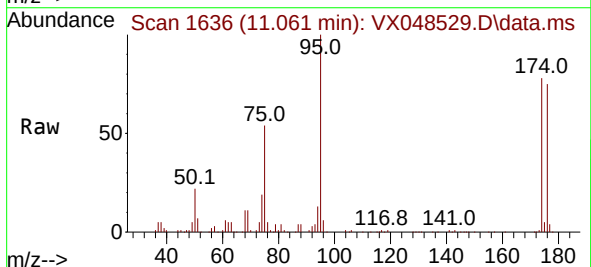


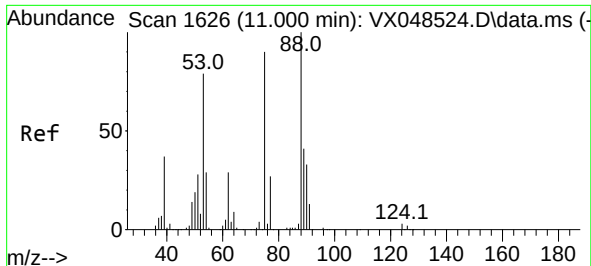
Tgt Ion:152 Resp: 101710
 Ion Ratio Lower Upper
 152 100
 115 58.6 39.2 117.6
 150 157.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 19.976 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048529.D
 Acq: 10 Nov 2025 11:28

Tgt Ion: 75 Resp: 48948
 Ion Ratio Lower Upper
 75 100
 77 1.1 24.3 72.8#

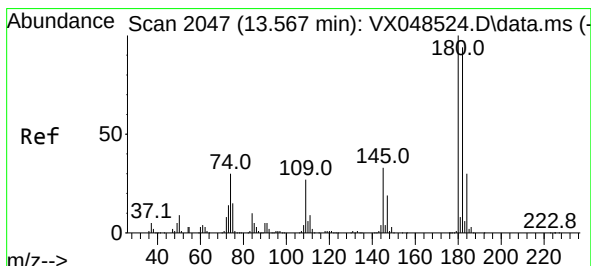
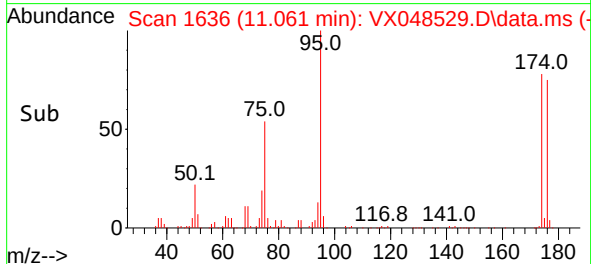
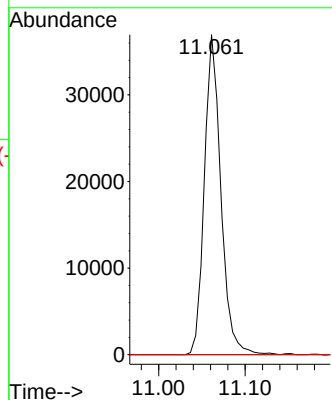
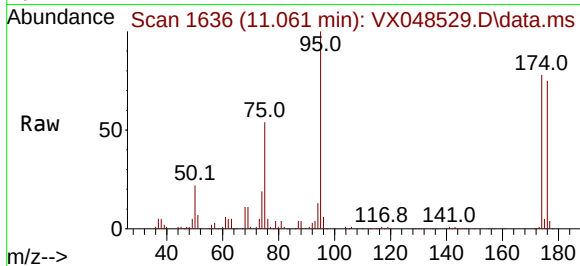




#81
trans-1,4-Dichloro-2-butene
Concen: 57.138 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

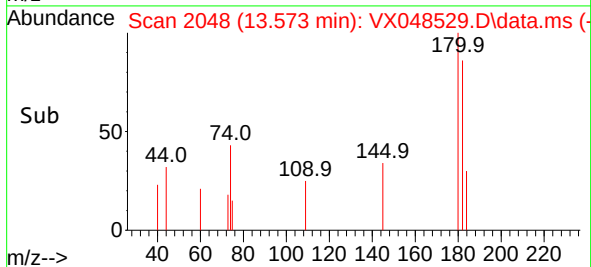
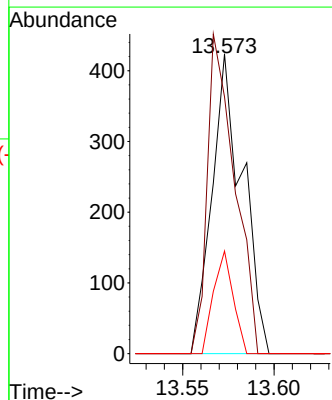
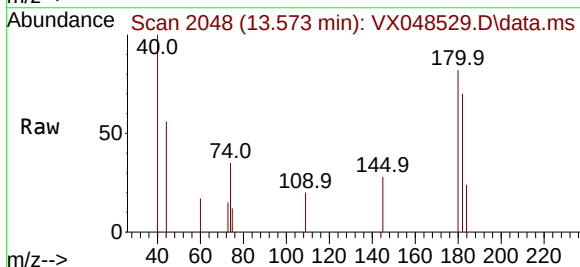
Instrument :
MSVOA_X
ClientSampleId :

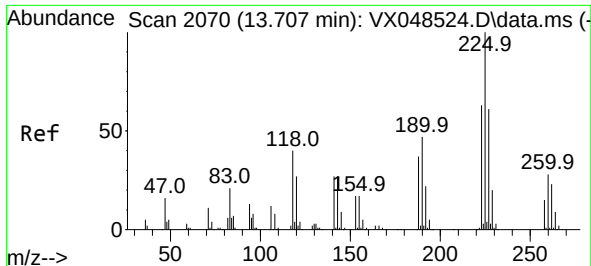
Tgt Ion: 75 Resp: 48948
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 43.6 65.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.217 ug/l
RT: 13.573 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VX048529.D
Acq: 10 Nov 2025 11:28

Tgt Ion:180 Resp: 495
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.6
145 21.8 15.9 47.7





#94

Hexachlorobutadiene

Concen: 0.349 ug/l

RT: 13.707 min Scan# 20

Delta R.T. 0.000 min

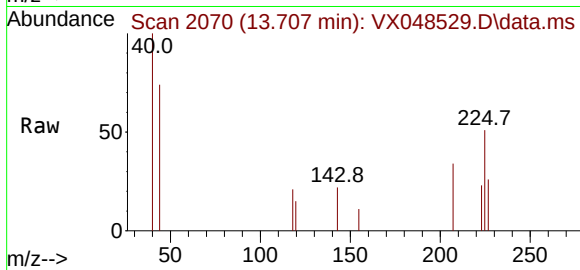
Lab File: VX048529.D

Acq: 10 Nov 2025 11:28

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:225 Resp: 333

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

225	100		
-----	-----	--	--

223	33.0	30.6	92.0
-----	------	------	------

227	41.7	32.5	97.4
-----	------	------	------

