

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048277.D
 Acq On : 21 Oct 2025 17:48
 Operator : JC/MD
 Sample : Q3376-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR132-FB01-20251016

Quant Time: Oct 24 04:29:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

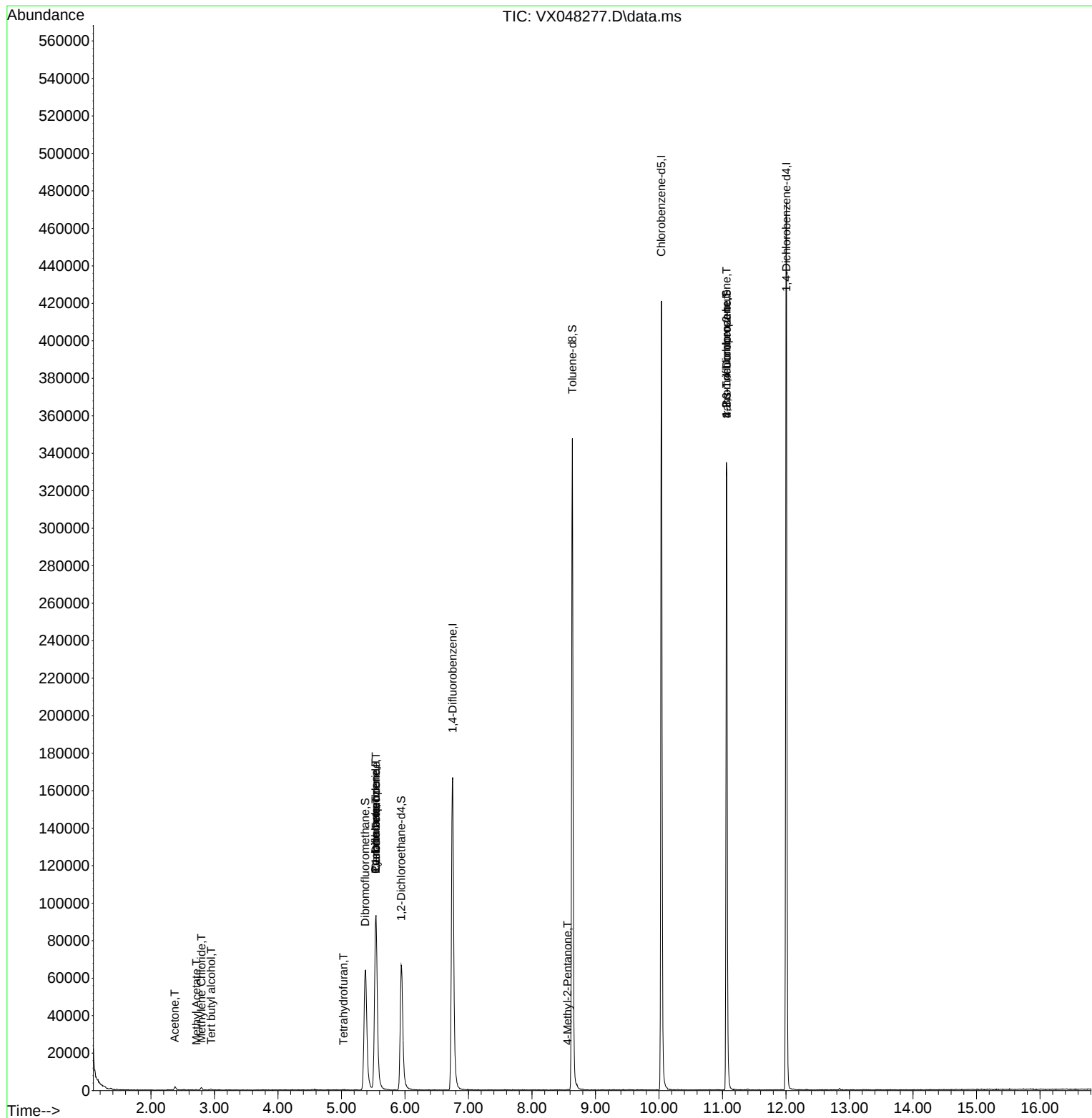
Internal Standards						
1) Pentafluorobenzene	5.538	168	95980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	184822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	196926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	78641	58.438	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.880%			
35) Dibromofluoromethane	5.373	113	62781	49.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.520%			
50) Toluene-d8	8.635	98	212078	47.953	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.900%			
62) 4-Bromofluorobenzene	11.061	95	96027	57.074	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.140%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	176	1.317	ug/l #	72
16) Acetone	2.374	43	2619	5.673	ug/l #	79
18) Methyl Acetate	2.715	43	345	0.358	ug/l #	54
20) Methylene Chloride	2.794	84	685	0.609	ug/l #	72
29) Tetrahydrofuran	5.032	42	220	0.629	ug/l #	33
31) Cyclohexane	5.538	56	2053	1.229	ug/l #	15
36) 1,1-Dichloropropene	5.538	75	7546	4.208	ug/l #	51
38) Carbon Tetrachloride	5.544	117	10470	4.732	ug/l #	15
51) 4-Methyl-2-Pentanone	8.562	43	371	0.264	ug/l #	38
76) 1,2,3-Trichloropropane	11.061	75	52318	30.531	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	52318	74.279	ug/l #	10

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

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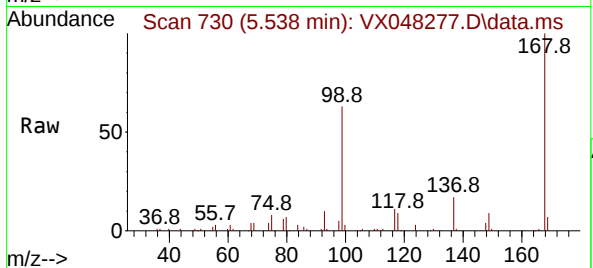
Quant Time: Oct 24 04:29:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



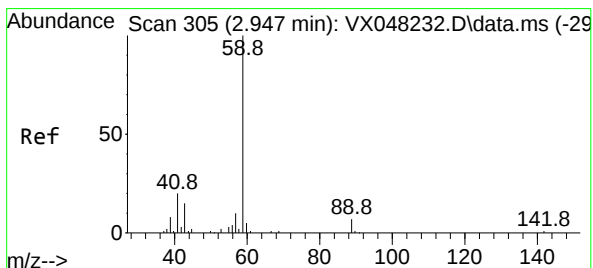
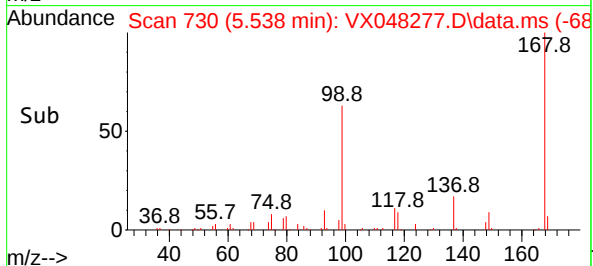
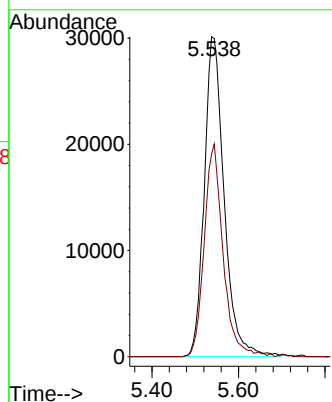


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
PR132-FB01-20251016

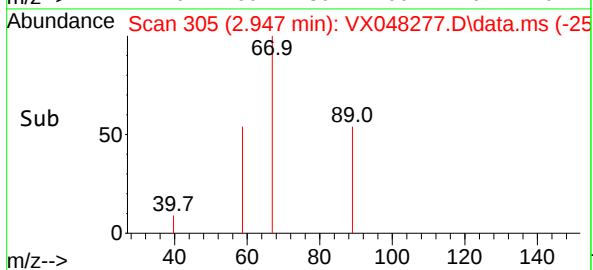
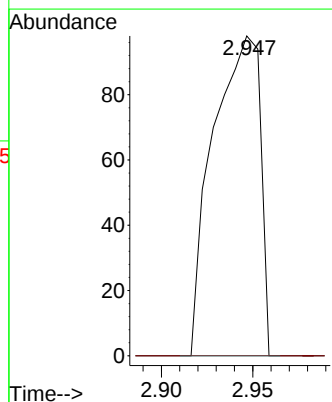
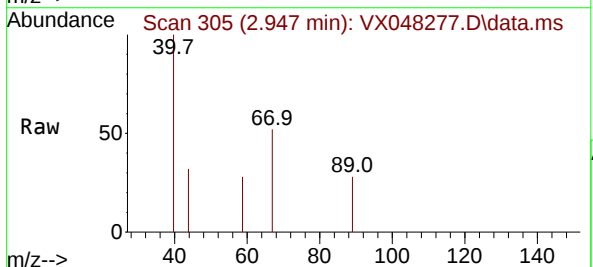


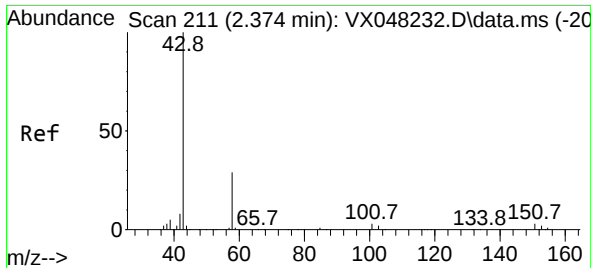
Tgt Ion:168 Resp: 95980
Ion Ratio Lower Upper
168 100
99 63.2 46.4 69.6



#11
Tert butyl alcohol
Concen: 1.317 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

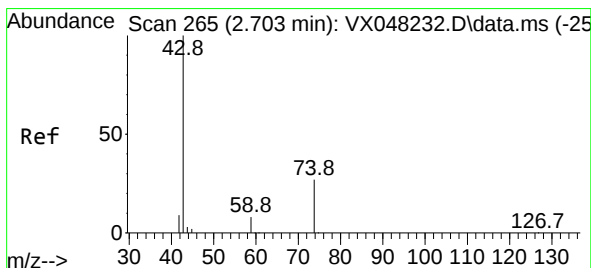
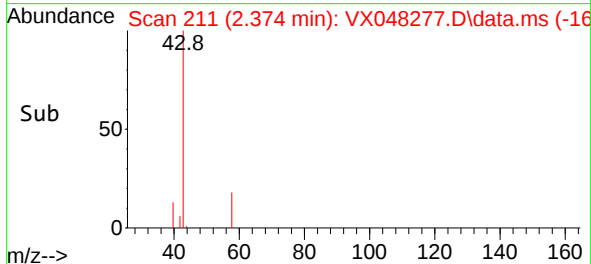
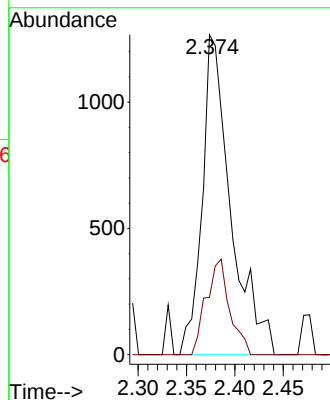
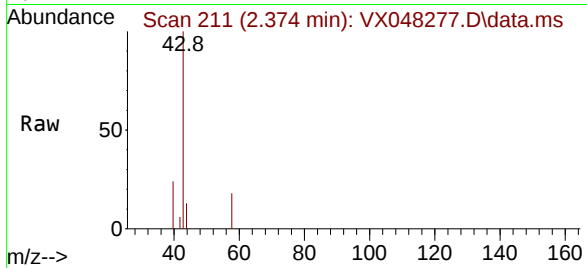




#16
Acetone
Concen: 5.673 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

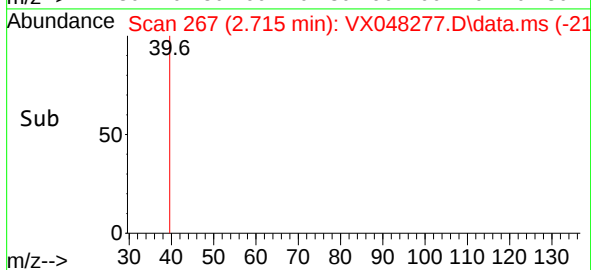
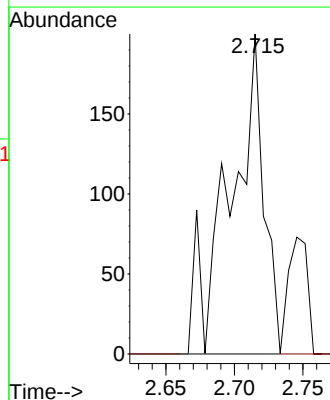
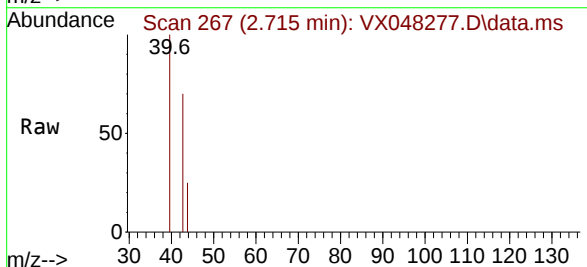
Instrument :
MSVOA_X
ClientSampleId :
PR132-FB01-20251016

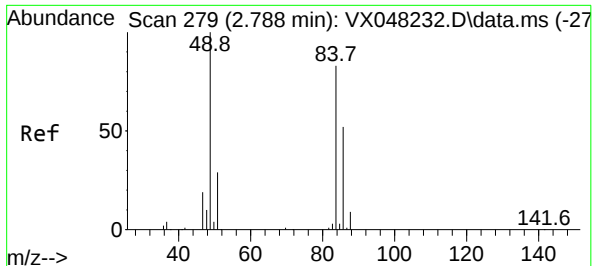
Tgt Ion: 43 Resp: 2619
Ion Ratio Lower Upper
43 100
58 17.9 23.4 35.2#



#18
Methyl Acetate
Concen: 0.358 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

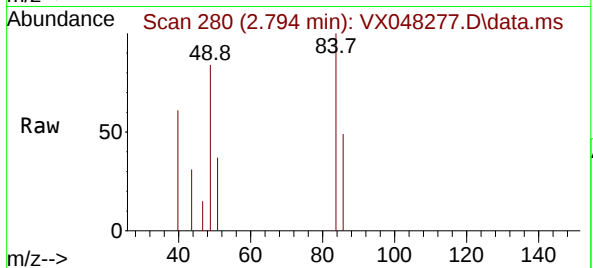
Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



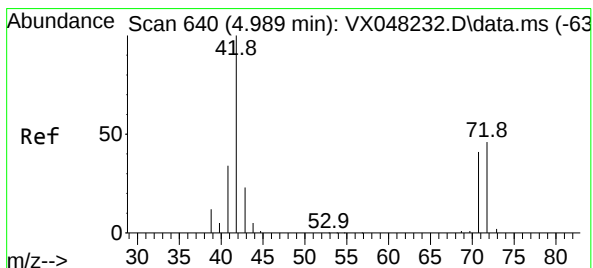
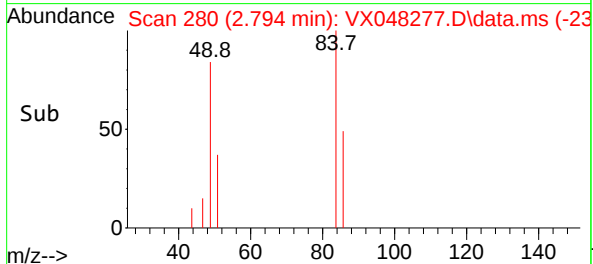
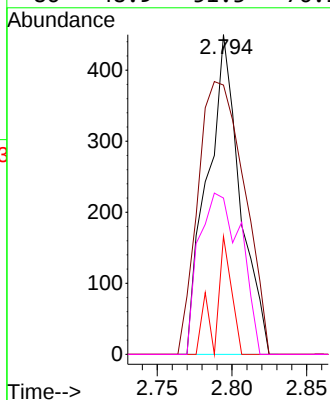


#20
Methylene Chloride
Concen: 0.609 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
PR132-FB01-20251016

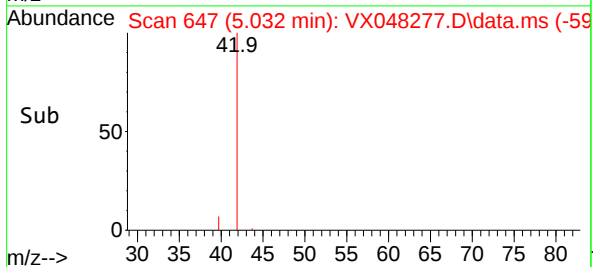
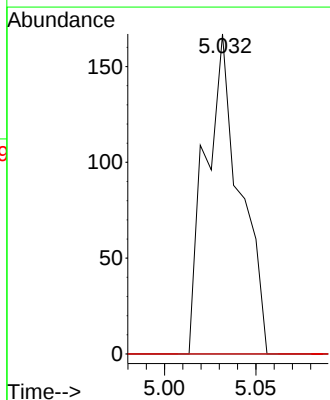
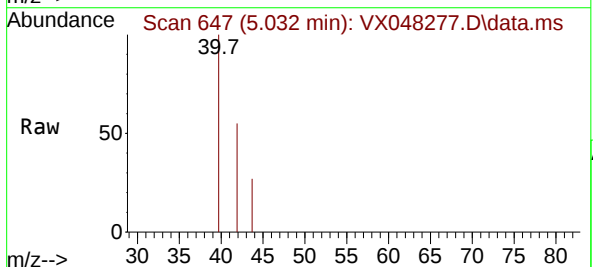


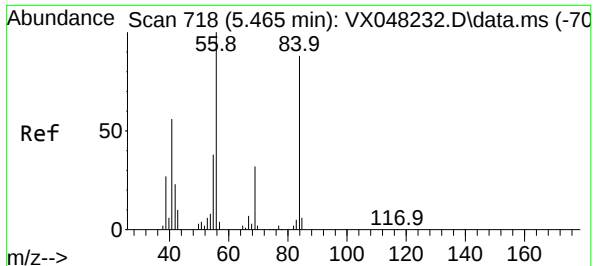
Tgt Ion:	84	Resp:	685
Ion	Ratio	Lower	Upper
84	100		
49	84.2	104.1	156.1#
51	36.9	31.3	46.9
86	48.9	51.3	76.9#



#29
Tetrahydrofuran
Concen: 0.629 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.043 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

Tgt Ion:	42	Resp:	220
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.3	52.9#
71	0.0	32.2	48.4#

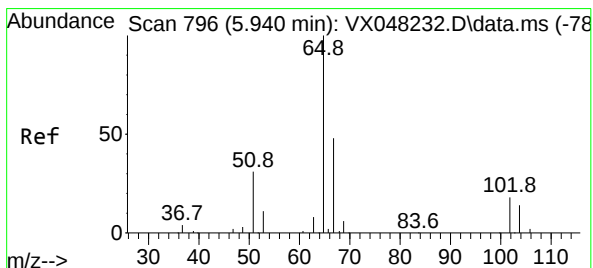
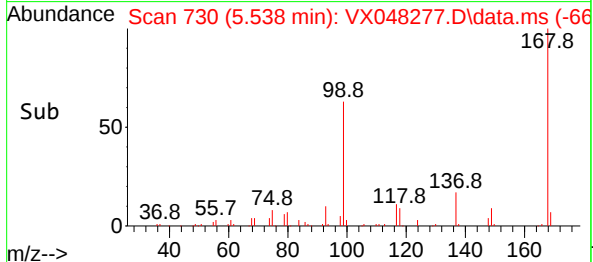
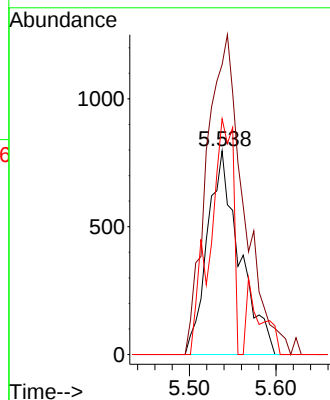
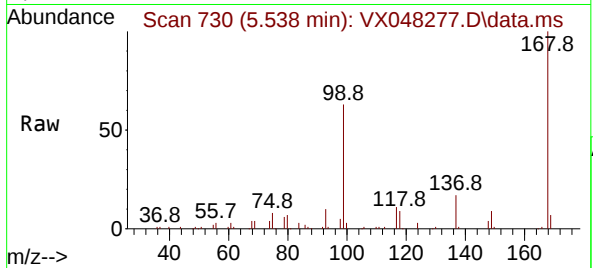




#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

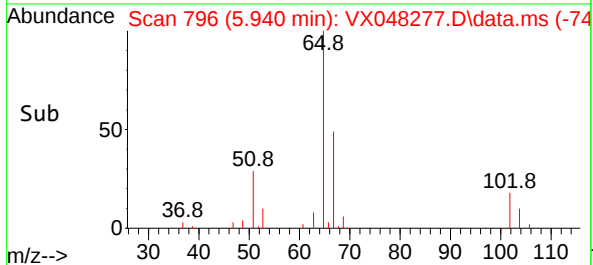
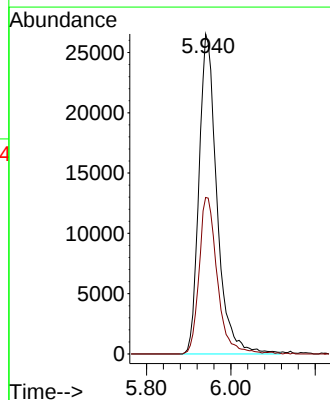
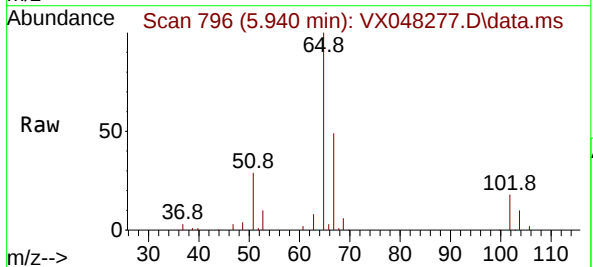
Instrument :
MSVOA_X
ClientSampleId :
PR132-FB01-20251016

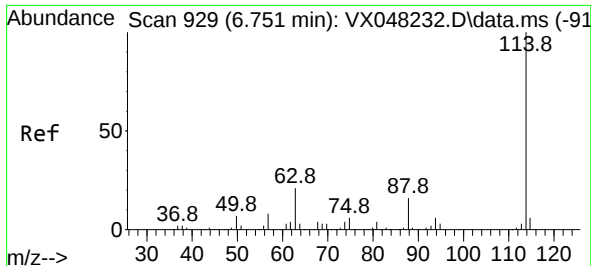
Tgt Ion: 56 Resp: 2053
Ion Ratio Lower Upper
56 100
69 142.3 23.0 34.6#
84 115.7 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 58.438 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

Tgt Ion: 65 Resp: 78641
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.0

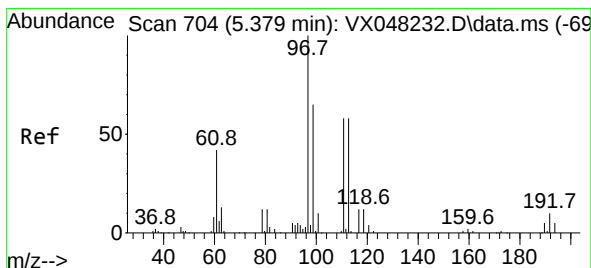
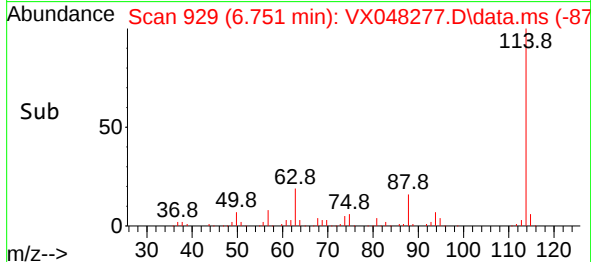
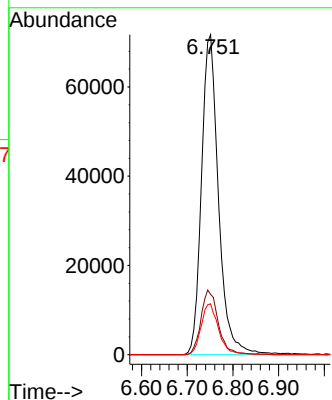
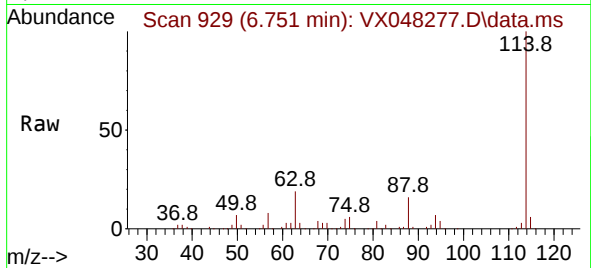




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

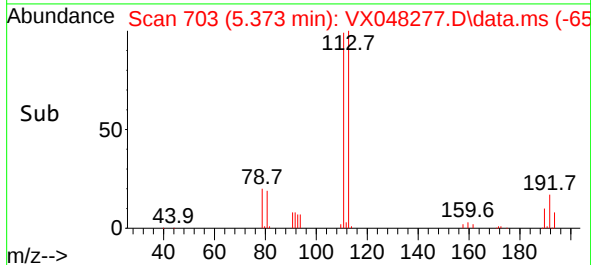
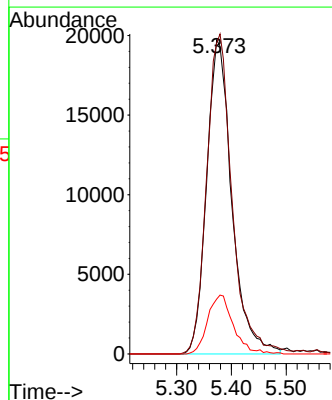
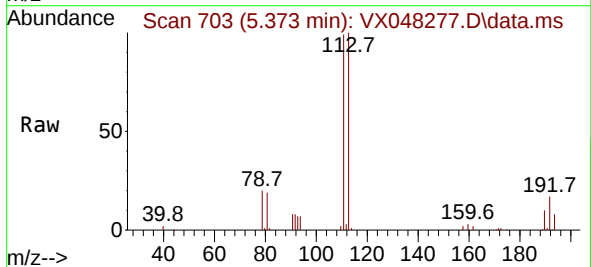
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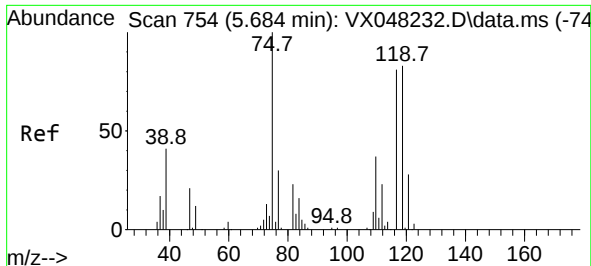
Tgt Ion:114 Resp: 184822
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 15.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.756 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

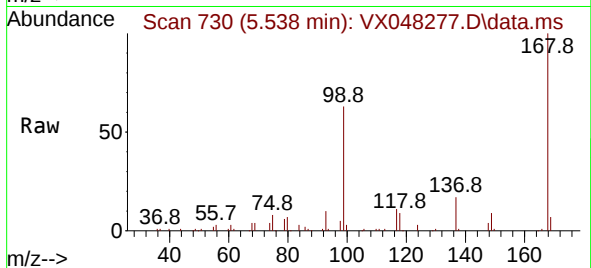
Tgt Ion:113 Resp: 62781
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 19.2 15.1 22.7



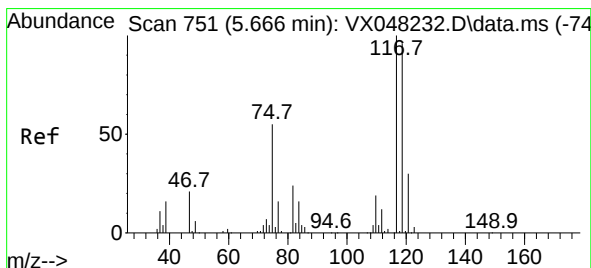
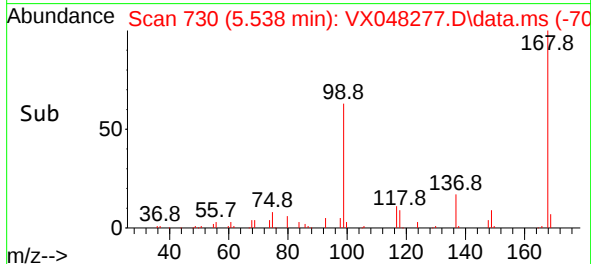
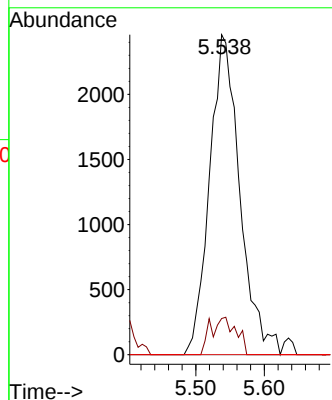


#36
1,1-Dichloropropene
Concen: 4.208 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

Instrument :
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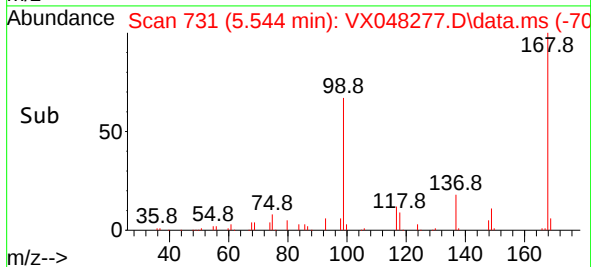
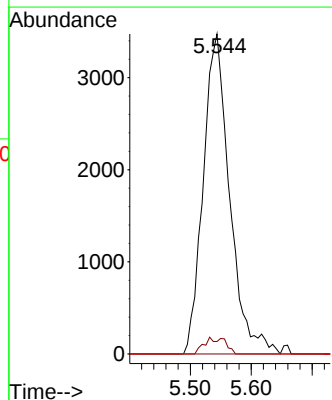
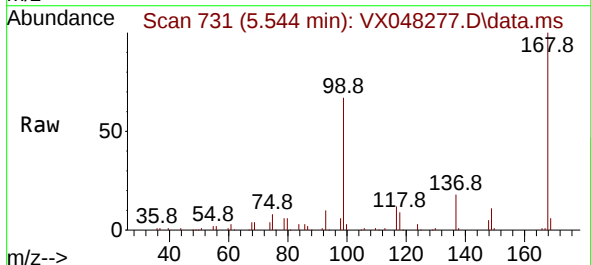


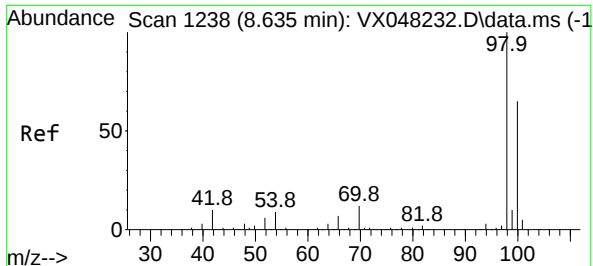
Tgt Ion: 75 Resp: 7546
Ion Ratio Lower Upper
75 100
110 9.8 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.732 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

Tgt Ion: 117 Resp: 10470
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 47.953 ug/l

RT: 8.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048277.D

Acq: 21 Oct 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

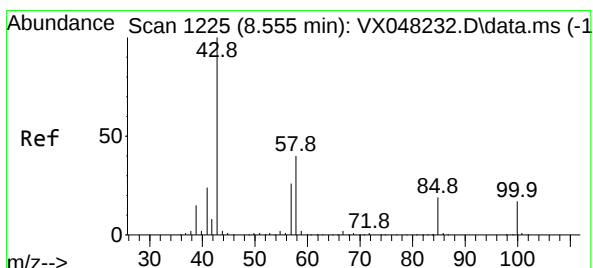
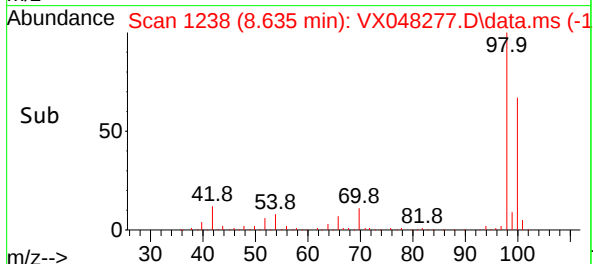
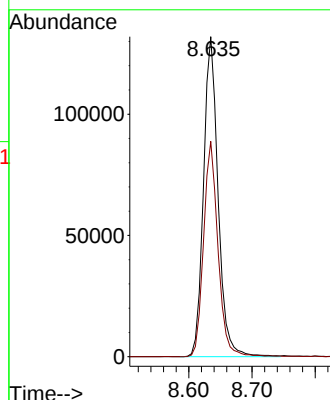
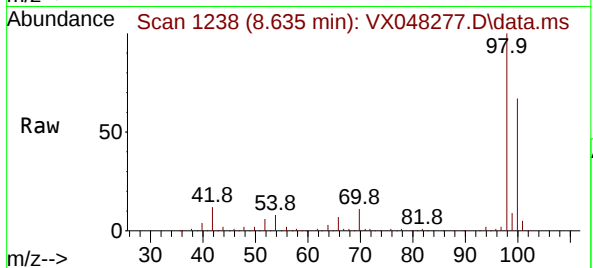
PR132-FB01-20251016

Tgt Ion: 98 Resp: 212078

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4



#51

4-Methyl-2-Pentanone

Concen: 0.264 ug/l

RT: 8.562 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VX048277.D

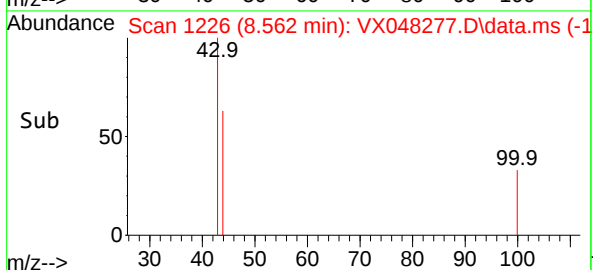
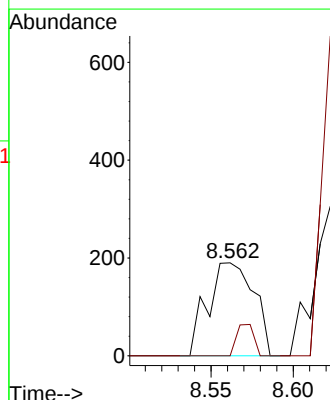
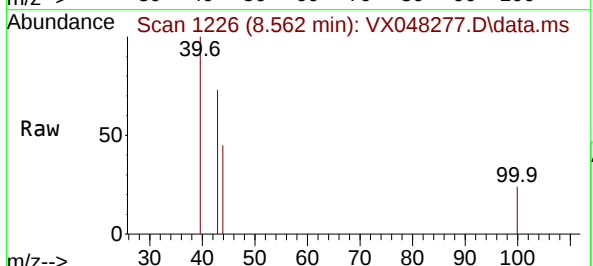
Acq: 21 Oct 2025 17:48

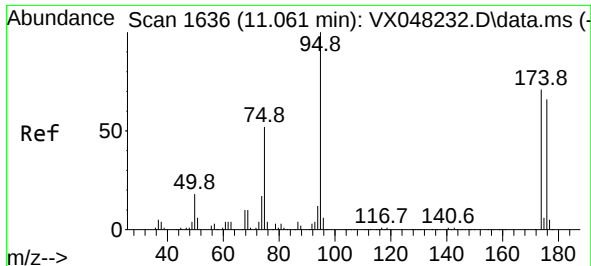
Tgt Ion: 43 Resp: 371

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

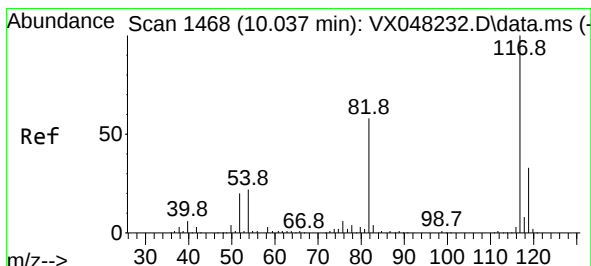
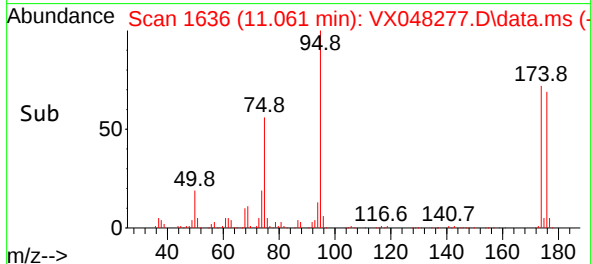
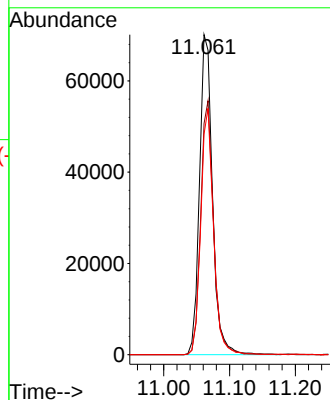
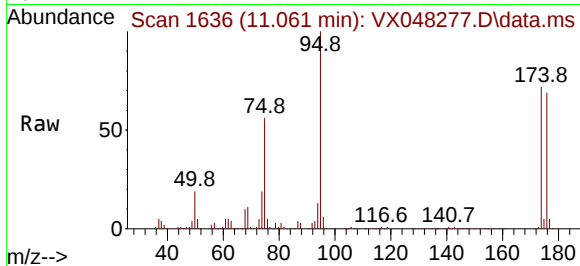




#62
4-Bromofluorobenzene
Concen: 57.074 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

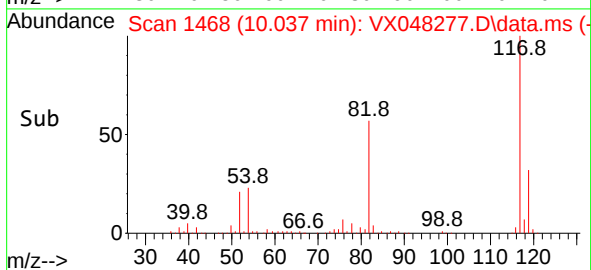
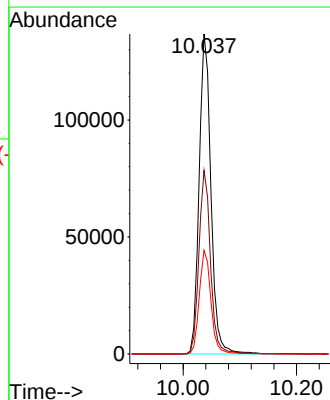
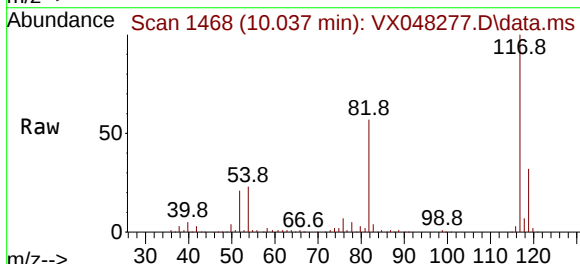
Instrument :
MSVOA_X
ClientSampleId :
PR132-FB01-20251016

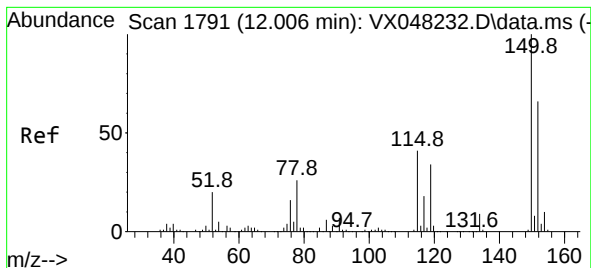
Tgt Ion: 95 Resp: 96027
Ion Ratio Lower Upper
95 100
174 78.9 0.0 147.8
176 75.8 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048277.D
Acq: 21 Oct 2025 17:48

Tgt Ion: 117 Resp: 196926
Ion Ratio Lower Upper
117 100
82 57.4 46.5 69.7
119 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048277.D

Acq: 21 Oct 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

PR132-FB01-20251016

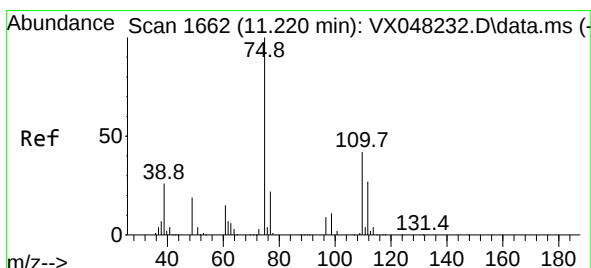
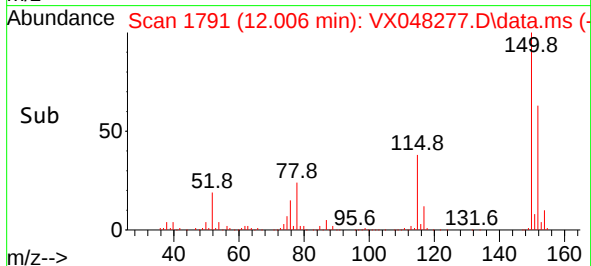
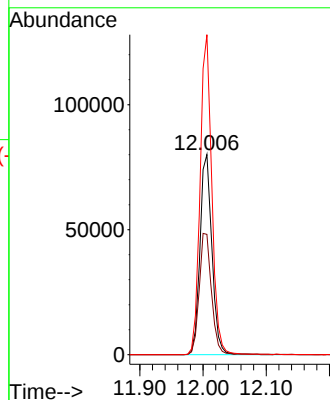
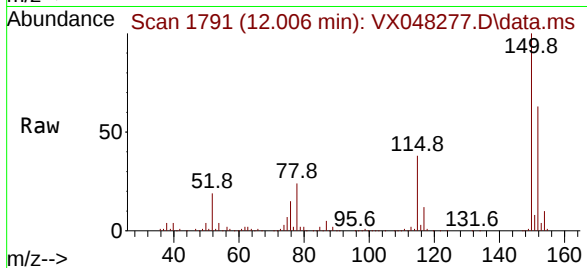
Tgt Ion:152 Resp: 105671

Ion Ratio Lower Upper

152 100

115 62.2 43.1 129.4

150 156.0 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 30.531 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.158 min

Lab File: VX048277.D

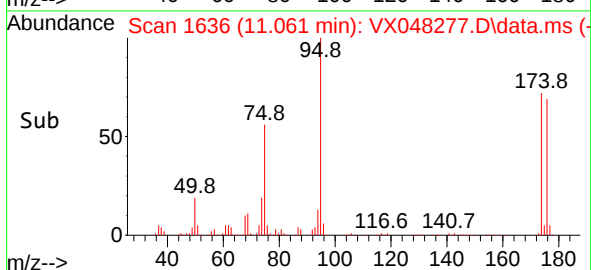
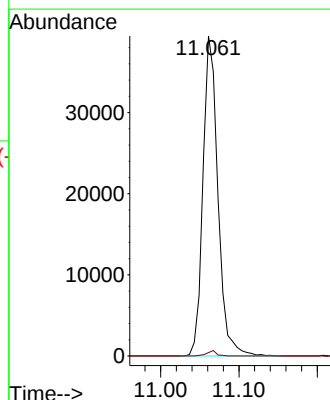
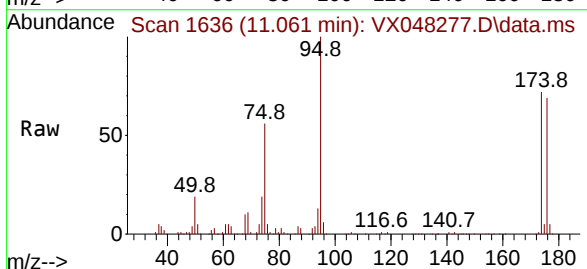
Acq: 21 Oct 2025 17:48

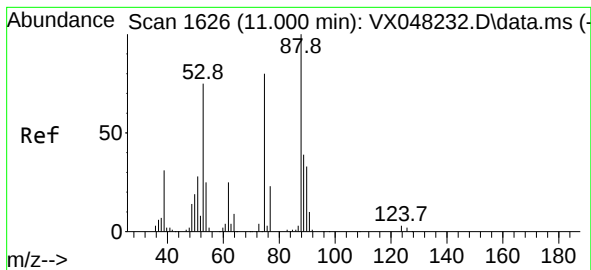
Tgt Ion: 75 Resp: 52318

Ion Ratio Lower Upper

75 100

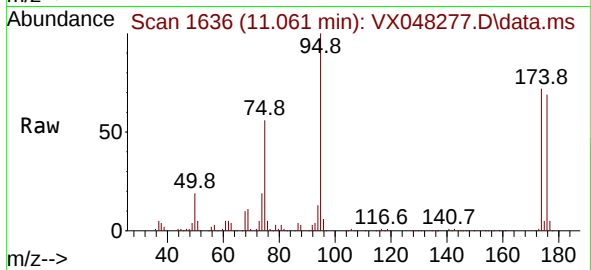
77 1.1 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.279 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048277.D
 Acq: 21 Oct 2025 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PR132-FB01-20251016



Tgt Ion: 75 Resp: 52318
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 36.8 55.2#

