

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048571.D
 Acq On : 12 Nov 2025 12:19
 Operator : JC/MD
 Sample : PB170494TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170494TB

Quant Time: Nov 14 00:27:14 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)

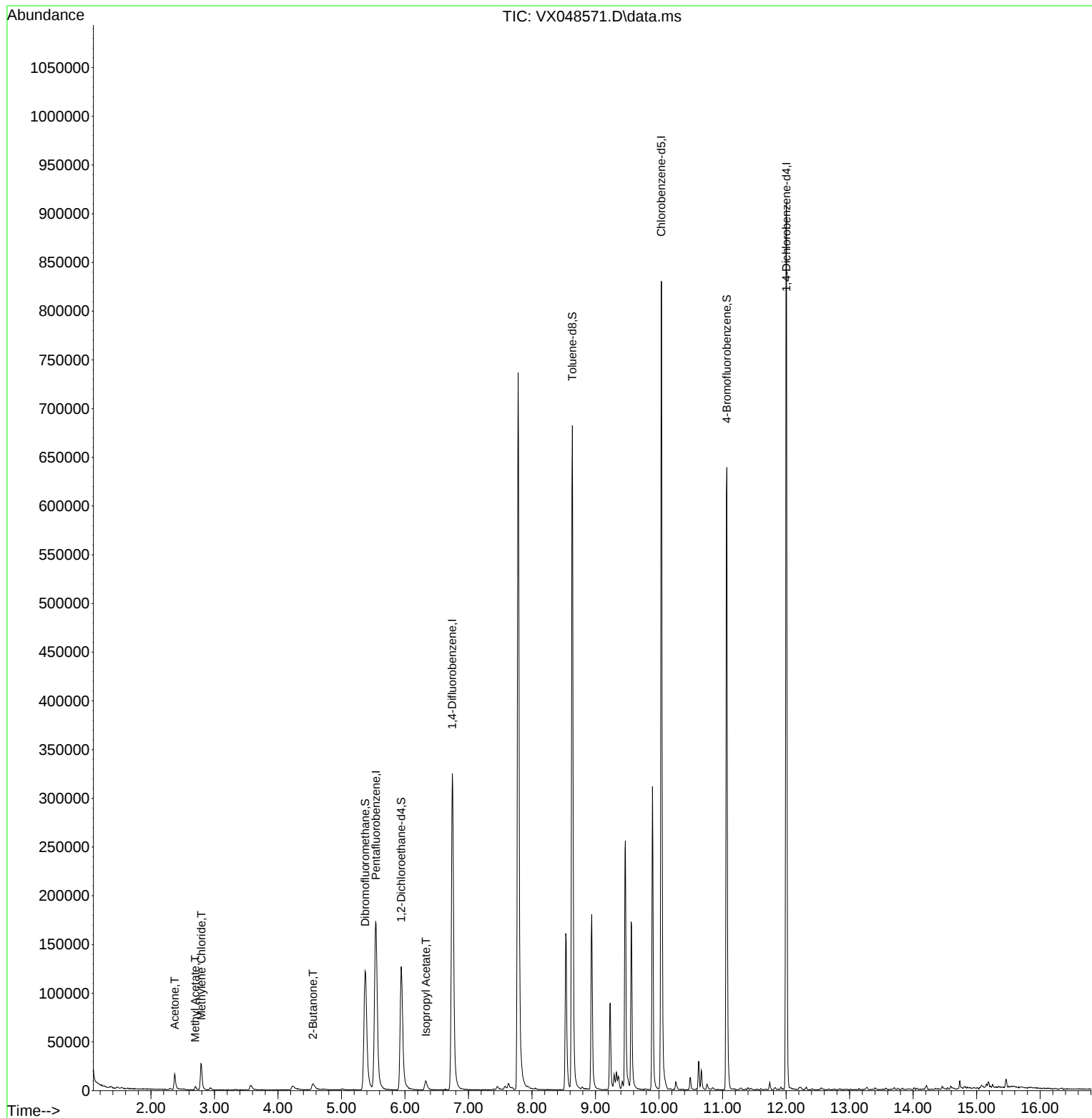
Internal Standards						
1) Pentafluorobenzene	5.544	168	186153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	368248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	387973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	205577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	136346	52.564	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.120%		
35) Dibromofluoromethane	5.373	113	125134	44.897	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 89.800%		
50) Toluene-d8	8.634	98	440710	50.699	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.400%		
62) 4-Bromofluorobenzene	11.067	95	185495	57.261	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.520%		
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	20700	16.859	ug/l	95
18) Methyl Acetate	2.696	43	5385	1.596	ug/l	95
20) Methylene Chloride	2.794	84	14144	5.603	ug/l	97
25) 2-Butanone	4.550	43	12782	7.037	ug/l #	89
43) Isopropyl Acetate	6.330	43	15021	2.034	ug/l	97

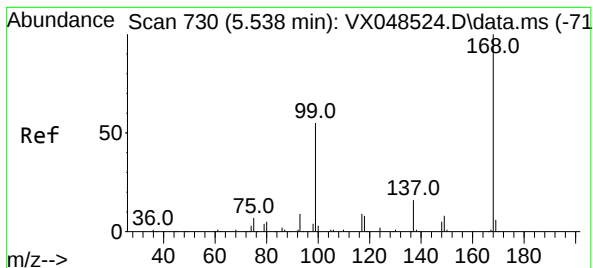
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.544 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX048571.D

Acq: 12 Nov 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

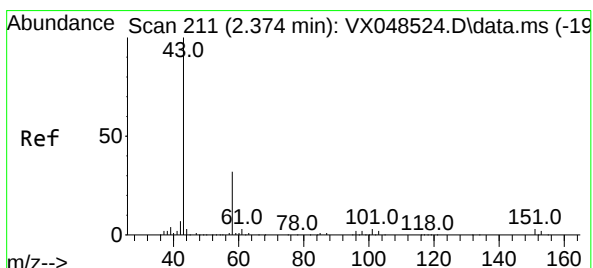
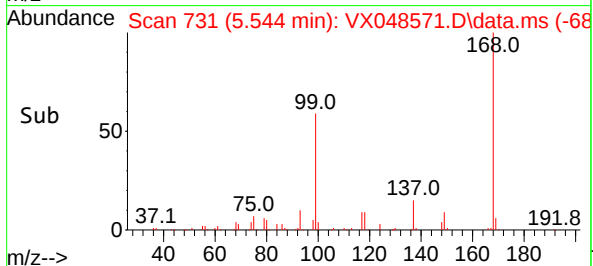
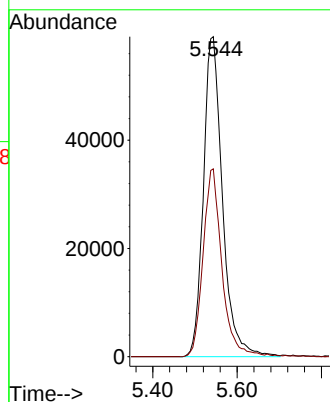
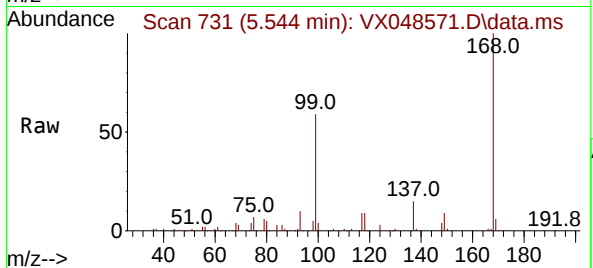
PB170494TB

Tgt Ion:168 Resp: 186153

Ion Ratio Lower Upper

168 100

99 58.7 45.2 67.8



#16

Acetone

Concen: 16.859 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048571.D

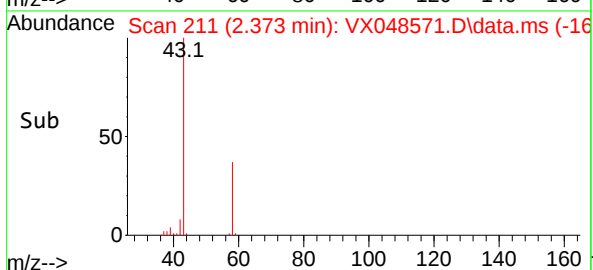
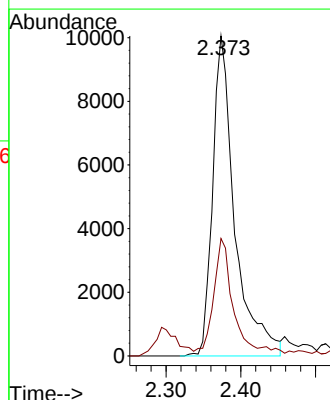
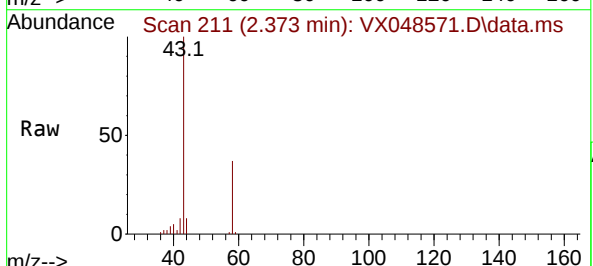
Acq: 12 Nov 2025 12:19

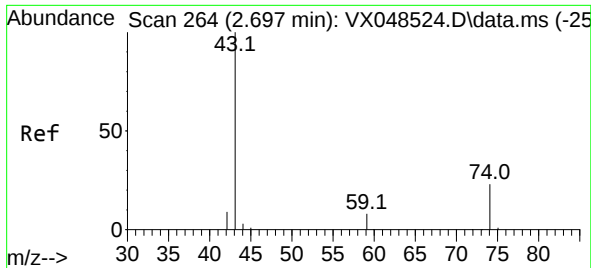
Tgt Ion: 43 Resp: 20700

Ion Ratio Lower Upper

43 100

58 34.9 25.8 38.6

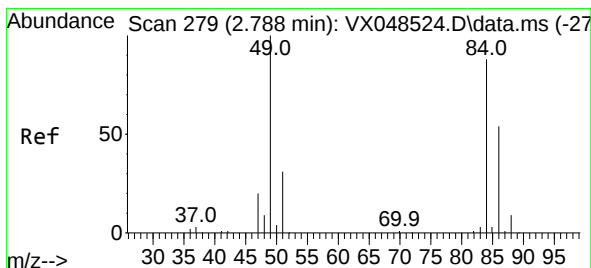
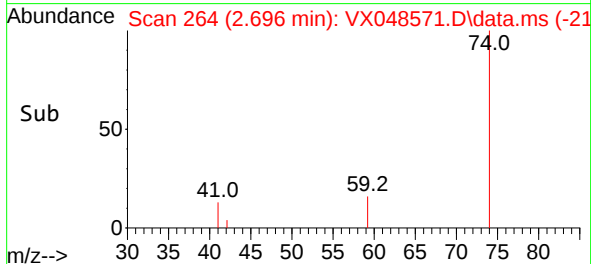
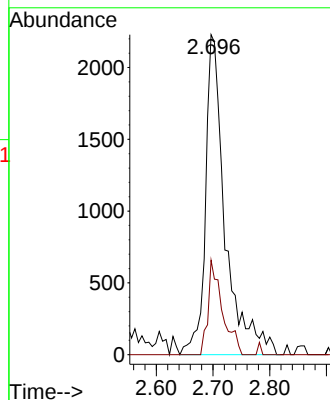
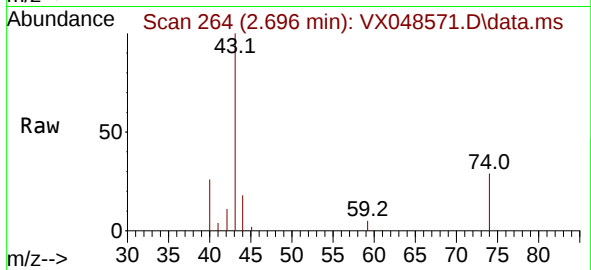




#18
Methyl Acetate
Concen: 1.596 ug/l
RT: 2.696 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048571.D
Acq: 12 Nov 2025 12:19

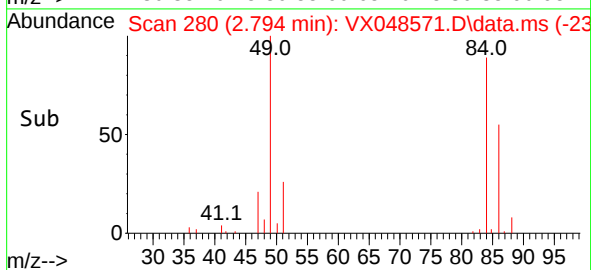
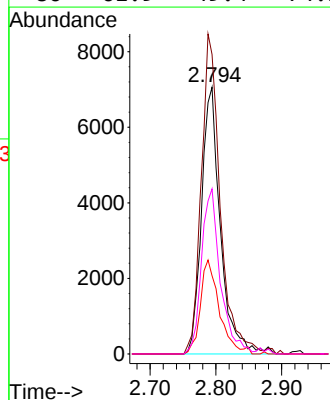
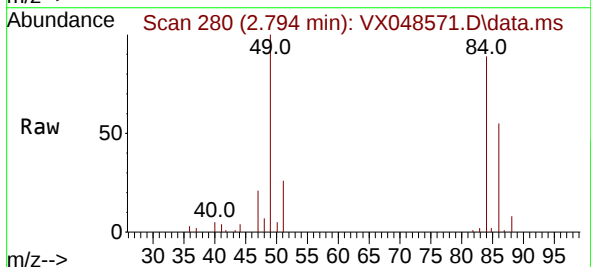
Instrument :
MSVOA_X
ClientSampleId :
PB170494TB

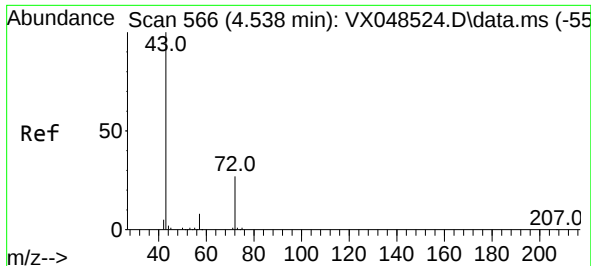
Tgt Ion: 43 Resp: 5385
Ion Ratio Lower Upper
43 100
74 21.4 19.1 28.7



#20
Methylene Chloride
Concen: 5.603 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048571.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 84 Resp: 14144
Ion Ratio Lower Upper
84 100
49 112.3 91.2 136.8
51 29.3 28.3 42.5
86 61.9 49.4 74.2





#25

2-Butanone

Concen: 7.037 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX048571.D

Acq: 12 Nov 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

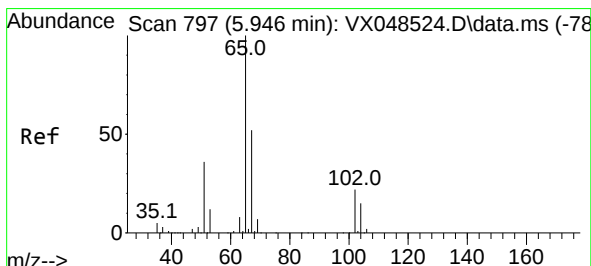
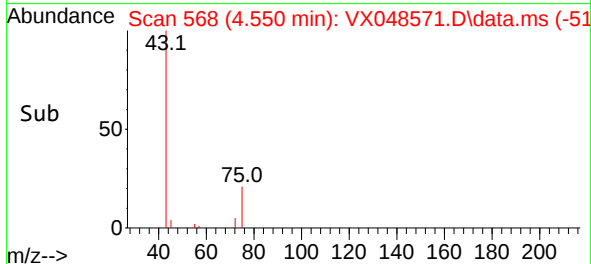
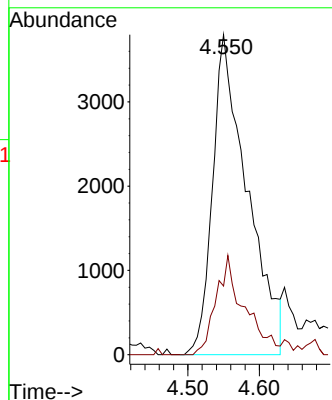
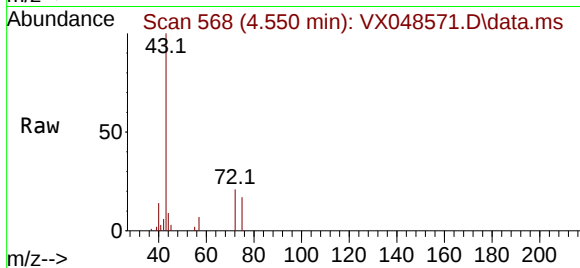
PB170494TB

Tgt Ion: 43 Resp: 12782

Ion Ratio Lower Upper

43 100

72 21.5 21.5 32.3#



#33

1,2-Dichloroethane-d4

Concen: 52.564 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048571.D

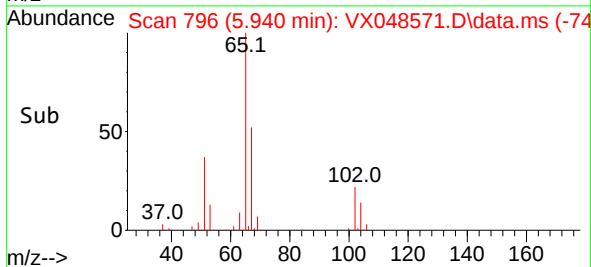
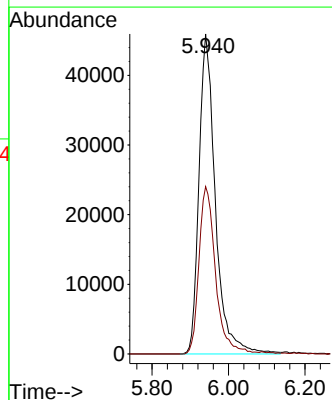
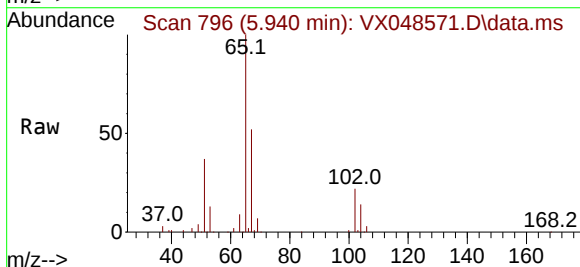
Acq: 12 Nov 2025 12:19

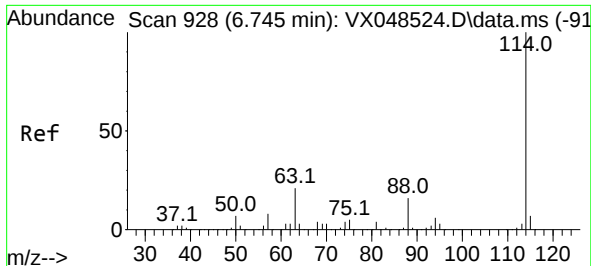
Tgt Ion: 65 Resp: 136346

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2

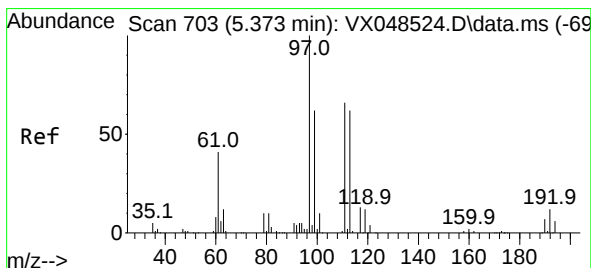
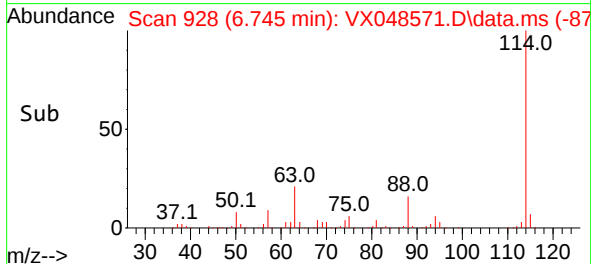
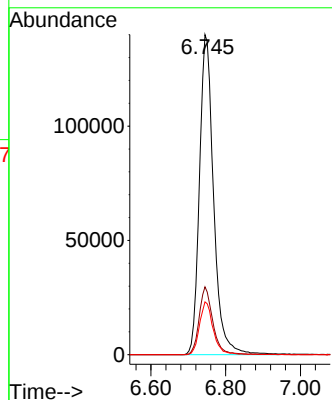
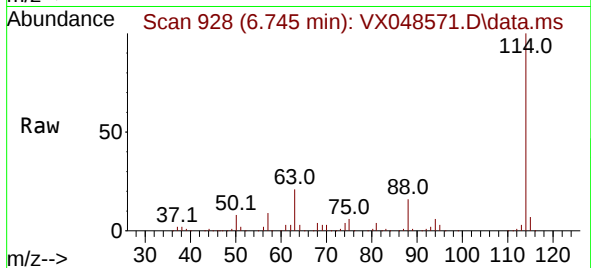




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048571.D
Acq: 12 Nov 2025 12:19

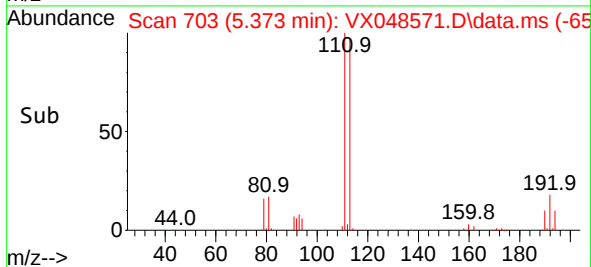
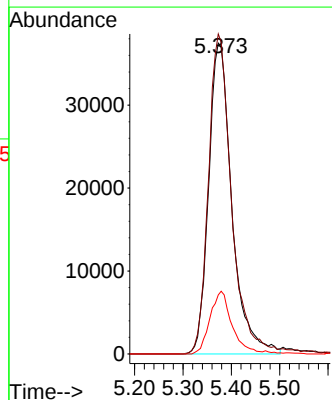
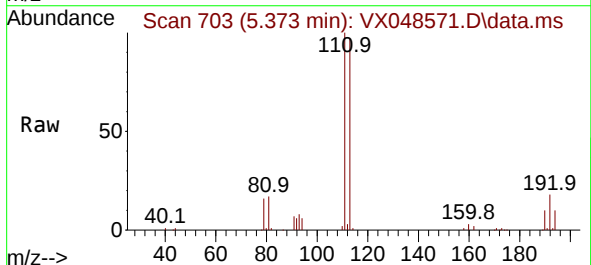
Instrument :
MSVOA_X
ClientSampleId :
PB170494TB

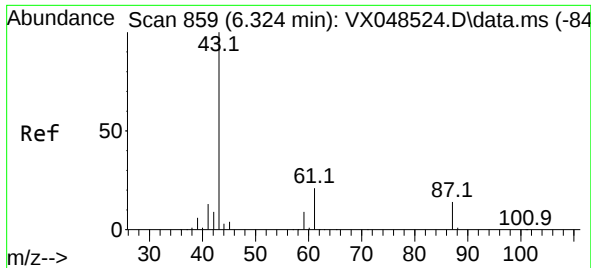
Tgt Ion:114 Resp: 368248
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.2
88 16.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 44.897 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048571.D
Acq: 12 Nov 2025 12:19

Tgt Ion:113 Resp: 125134
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.0 15.8 23.6

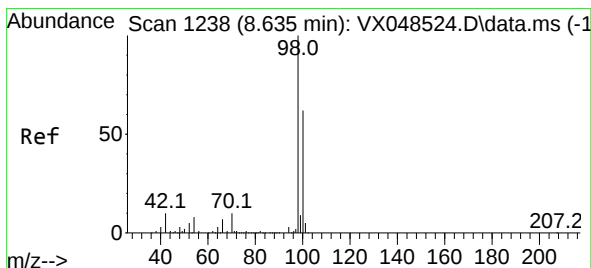
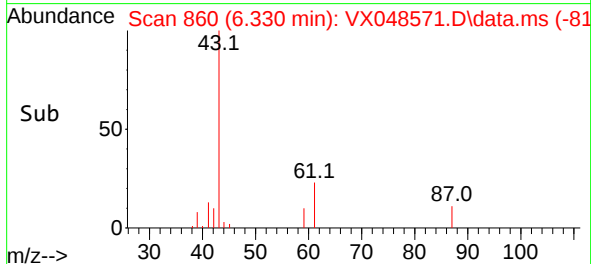
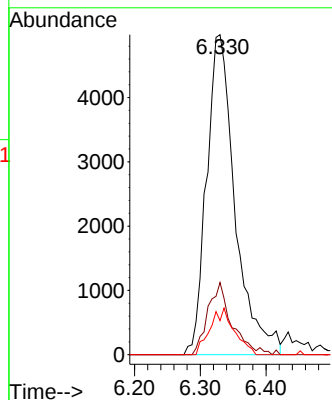
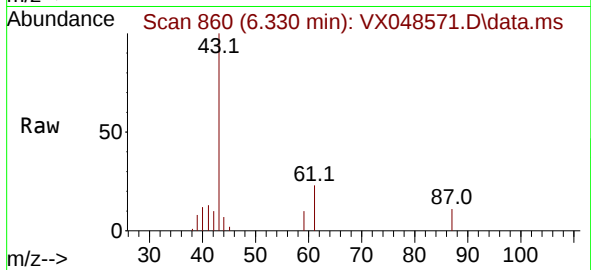




#43
Isopropyl Acetate
Concen: 2.034 ug/l
RT: 6.330 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048571.D
Acq: 12 Nov 2025 12:19

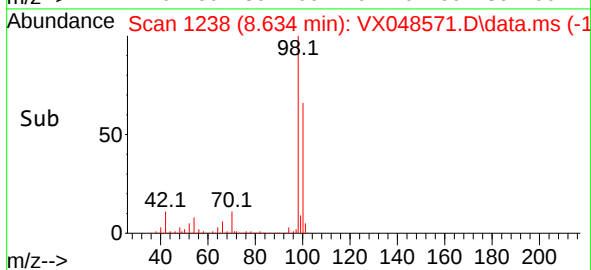
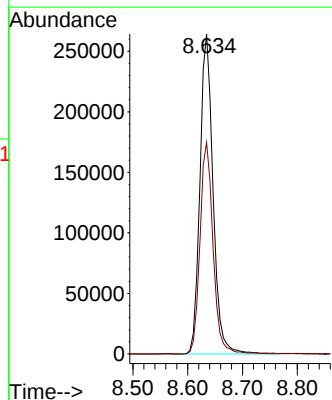
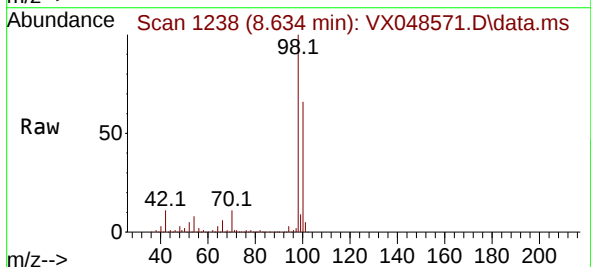
Instrument :
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PB170494TB

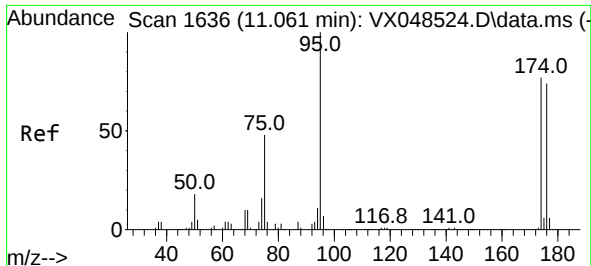
Tgt Ion: 43 Resp: 15021
Ion Ratio Lower Upper
43 100
61 18.9 16.2 24.4
87 12.4 10.9 16.3



#50
Toluene-d8
Concen: 50.699 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048571.D
Acq: 12 Nov 2025 12:19

Tgt Ion: 98 Resp: 440710
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 57.261 ug/l

RT: 11.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048571.D

Acq: 12 Nov 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

PB170494TB

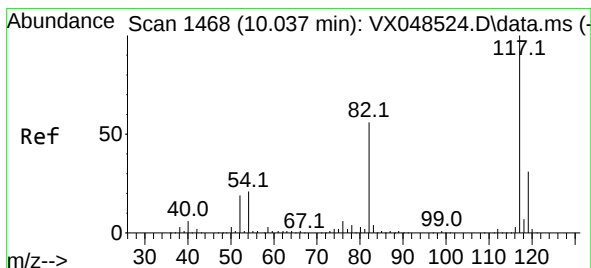
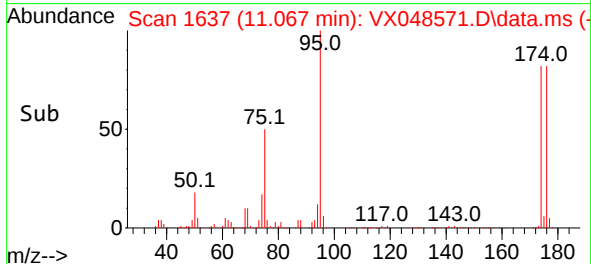
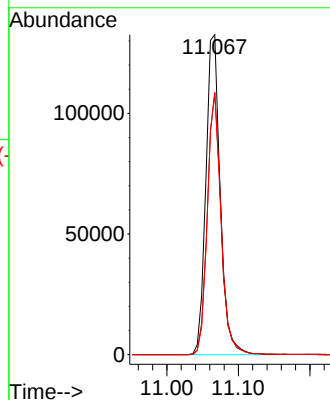
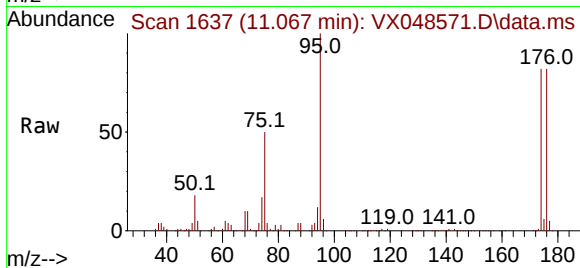
Tgt Ion: 95 Resp: 185495

Ion Ratio Lower Upper

95 100

174 79.0 0.0 161.8

176 77.7 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: VX048571.D

Acq: 12 Nov 2025 12:19

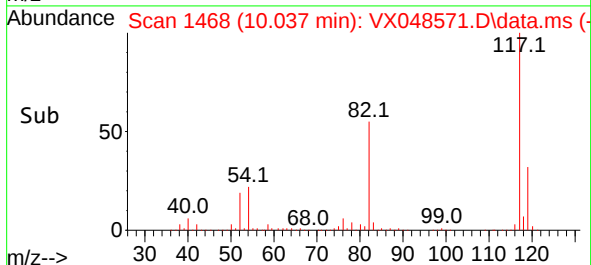
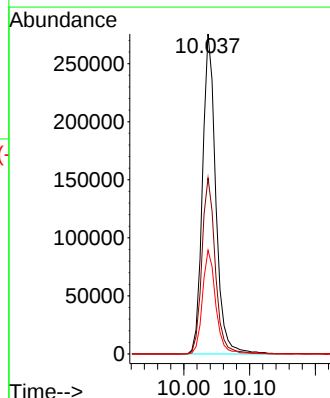
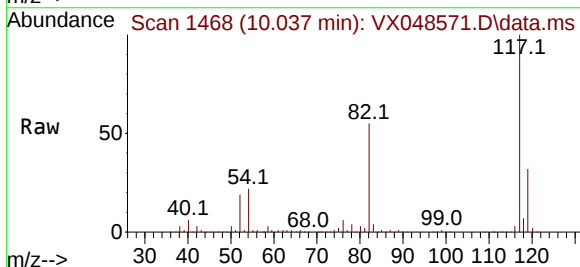
Tgt Ion: 117 Resp: 387973

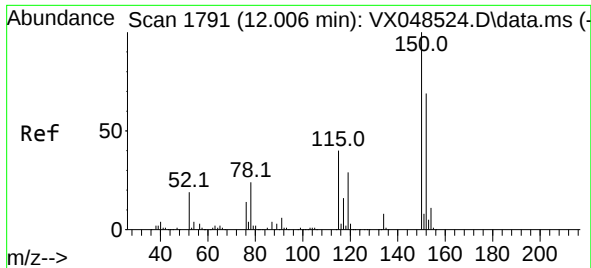
Ion Ratio Lower Upper

117 100

82 55.0 44.4 66.6

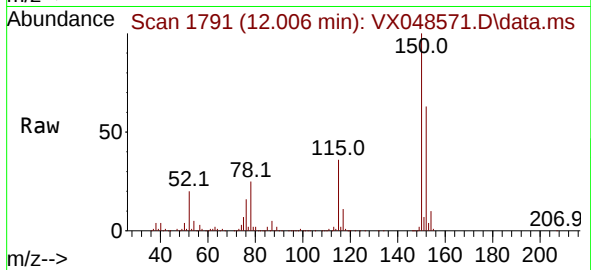
119 32.4 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048571.D
 Acq: 12 Nov 2025 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170494TB



Tgt Ion:152 Resp: 205577

Ion	Ratio	Lower	Upper
152	100		
115	58.2	39.2	117.6
150	156.2	0.0	347.0

