

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048029.D
 Acq On : 06 Oct 2025 16:54
 Operator : JC/MD
 Sample : Q3202-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3

Quant Time: Oct 07 02:19:15 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)

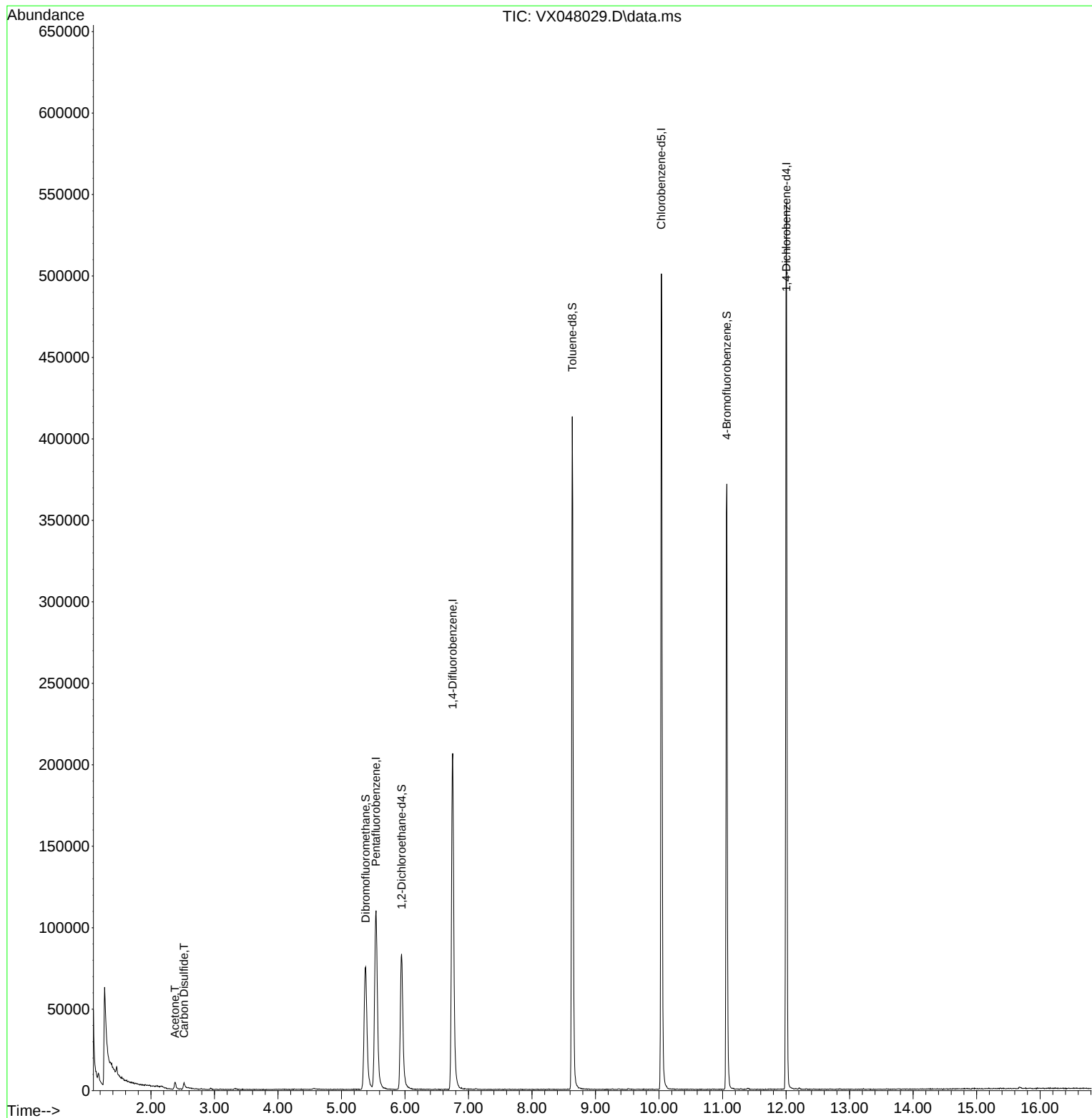
Internal Standards						
1) Pentafluorobenzene	5.544	168	109093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	222131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	91049	52.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.860%	
35) Dibromofluoromethane	5.379	113	74139	49.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.540%	
50) Toluene-d8	8.634	98	252396	48.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	11.067	95	109258	55.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	5413	7.169	ug/l	96
17) Carbon Disulfide	2.520	76	4444	1.252	ug/l #	92

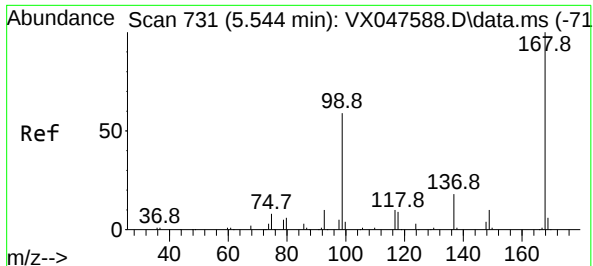
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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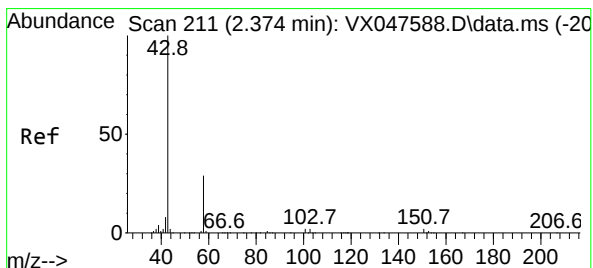
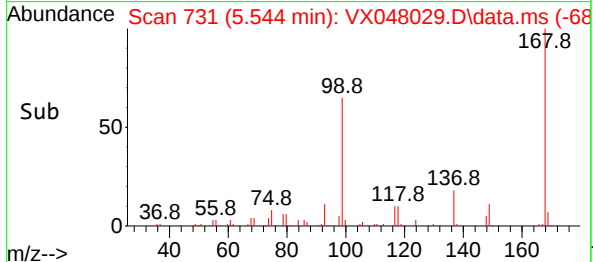
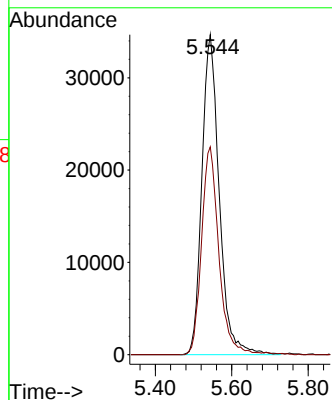
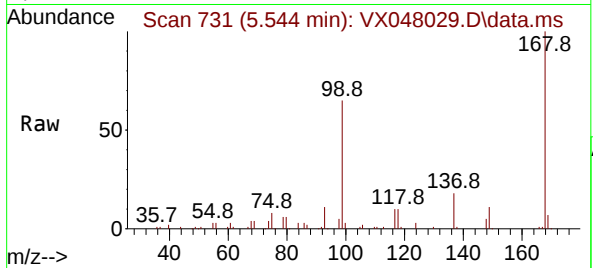




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

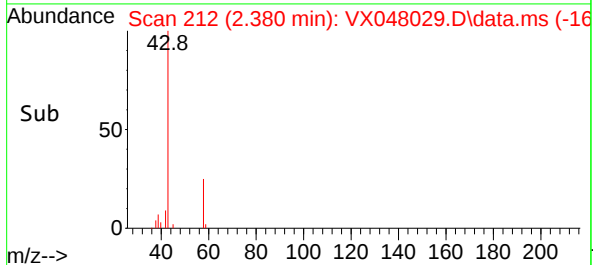
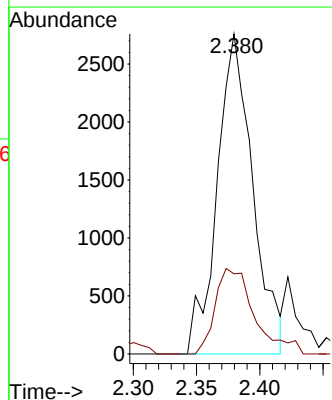
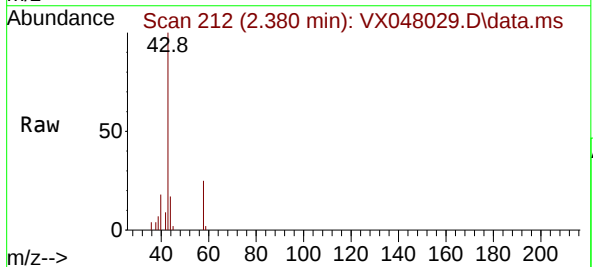
Instrument :
MSVOA_X
ClientSampleId :
SY-3

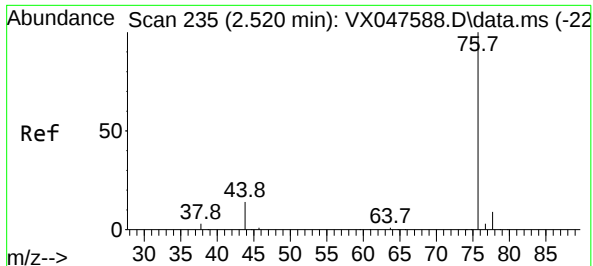
Tgt Ion:168 Resp: 109093
Ion Ratio Lower Upper
168 100
99 65.0 48.8 73.2



#16
Acetone
Concen: 7.169 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion: 43 Resp: 5413
Ion Ratio Lower Upper
43 100
58 26.9 23.4 35.0





#17

Carbon Disulfide

Concen: 1.252 ug/l

RT: 2.520 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

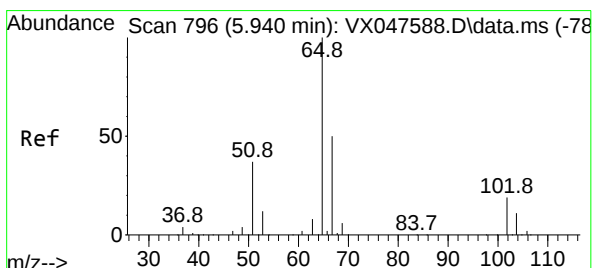
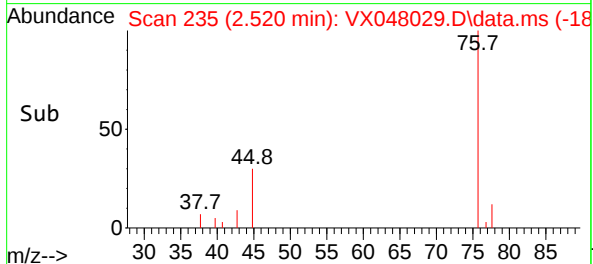
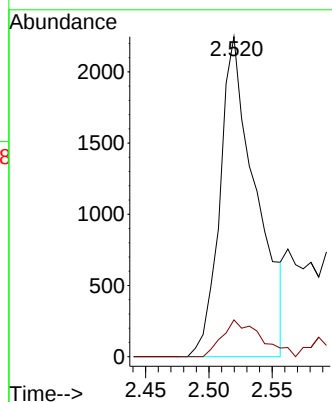
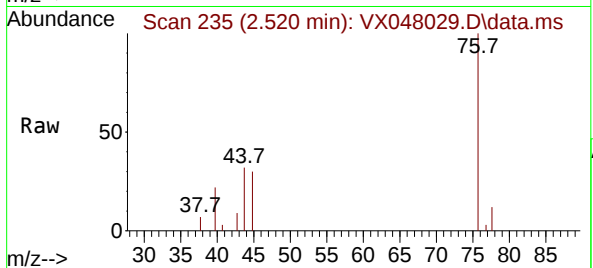
SY-3

Tgt Ion: 76 Resp: 4444

Ion Ratio Lower Upper

76 100

78 11.5 6.8 10.2#



#33

1,2-Dichloroethane-d4

Concen: 52.433 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048029.D

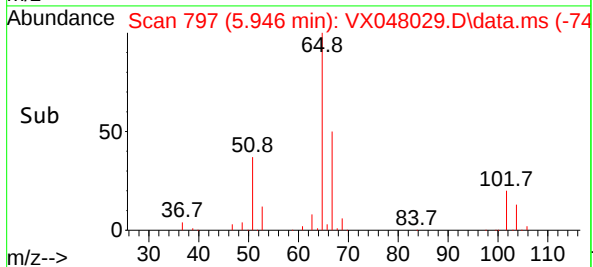
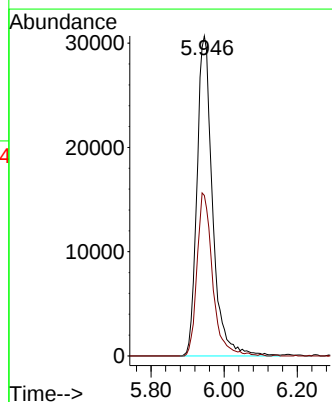
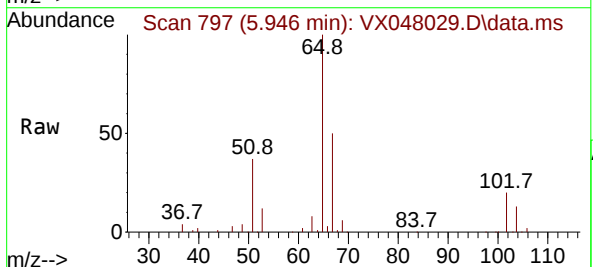
Acq: 06 Oct 2025 16:54

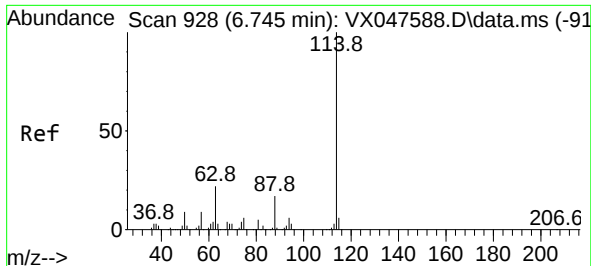
Tgt Ion: 65 Resp: 91049

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0

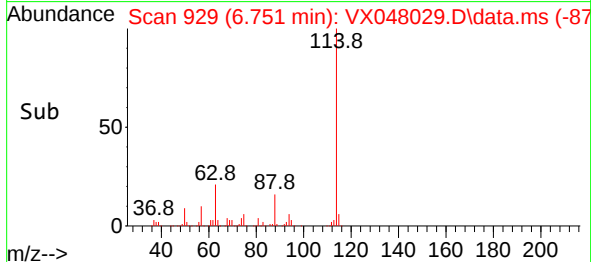
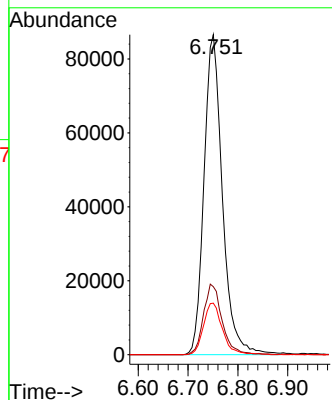
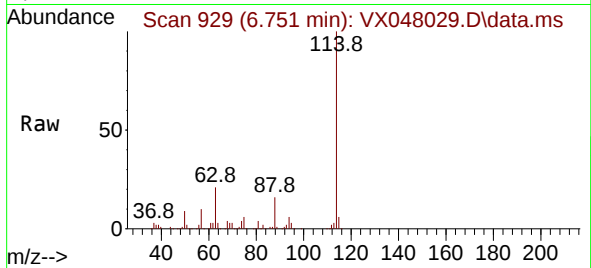




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

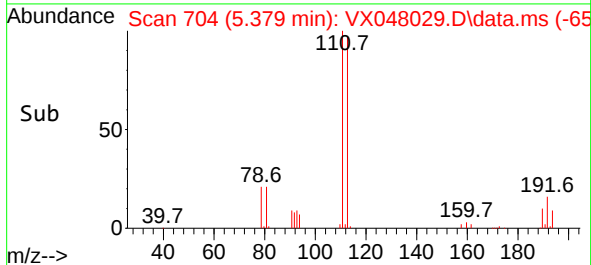
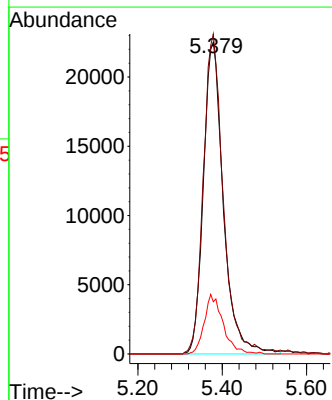
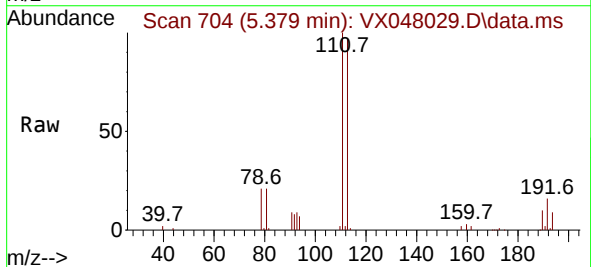
Instrument :
MSVOA_X
ClientSampleId :
SY-3

Tgt Ion:114 Resp: 222131
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.767 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion:113 Resp: 74139
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 18.1 14.2 21.4

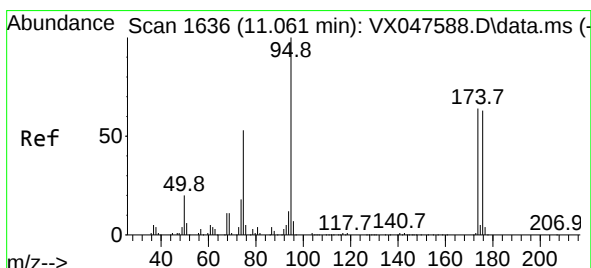
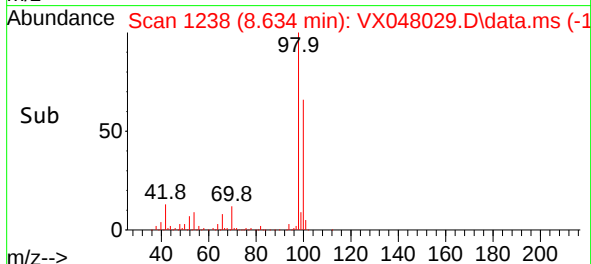
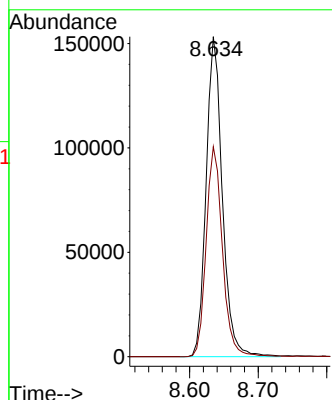
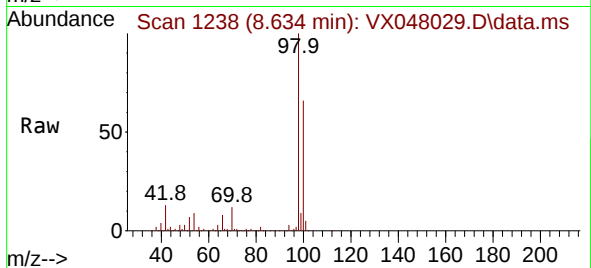




#50
Toluene-d8
Concen: 48.964 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

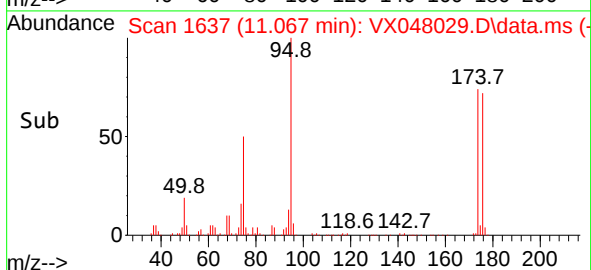
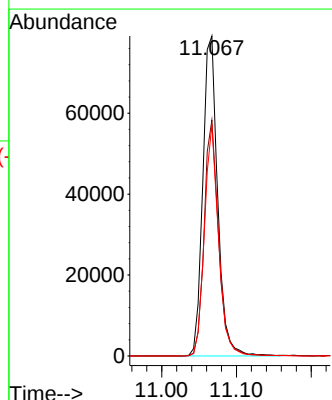
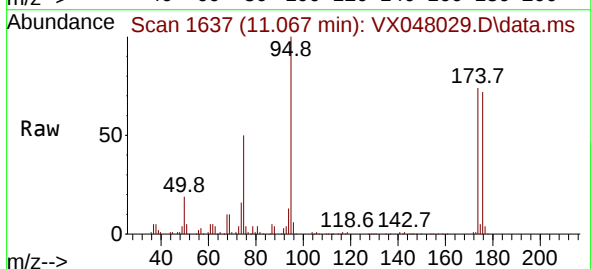
Instrument :
MSVOA_X
ClientSampleId :
SY-3

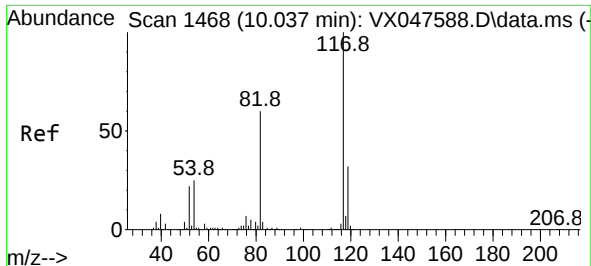
Tgt Ion: 98 Resp: 252396
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.849 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion: 95 Resp: 109258
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.6
176 68.8 0.0 138.4

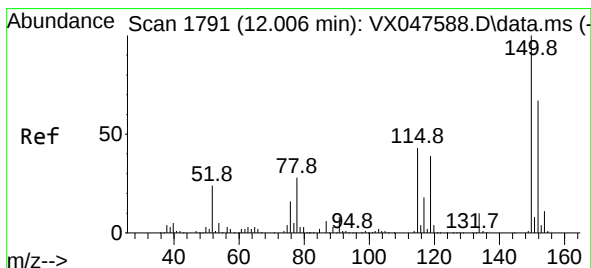
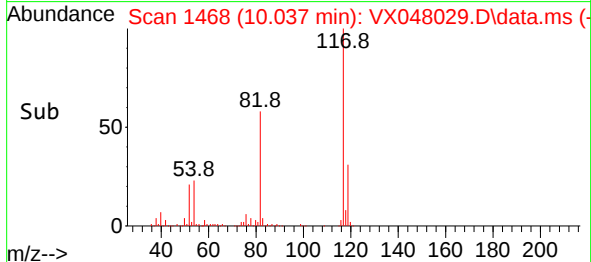
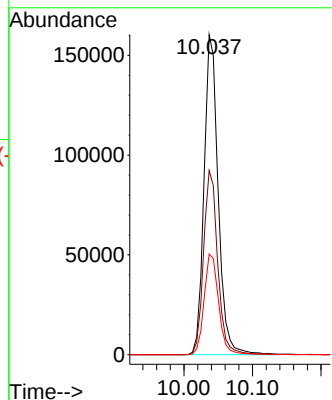
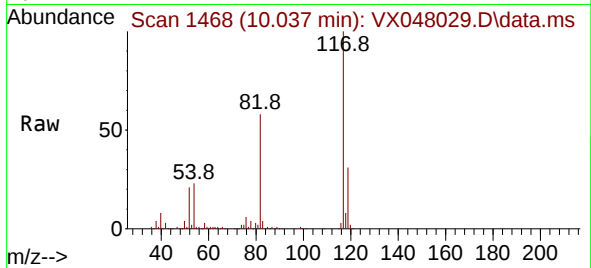




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
SY-3

Tgt Ion:117 Resp: 230729
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion:152 Resp: 114487
Ion Ratio Lower Upper
152 100
115 62.0 44.9 134.5
150 157.3 0.0 352.0

