

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048274.D
 Acq On : 21 Oct 2025 16:46
 Operator : JC/MD
 Sample : Q3400-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-0760450

Quant Time: Oct 24 04:28:49 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)

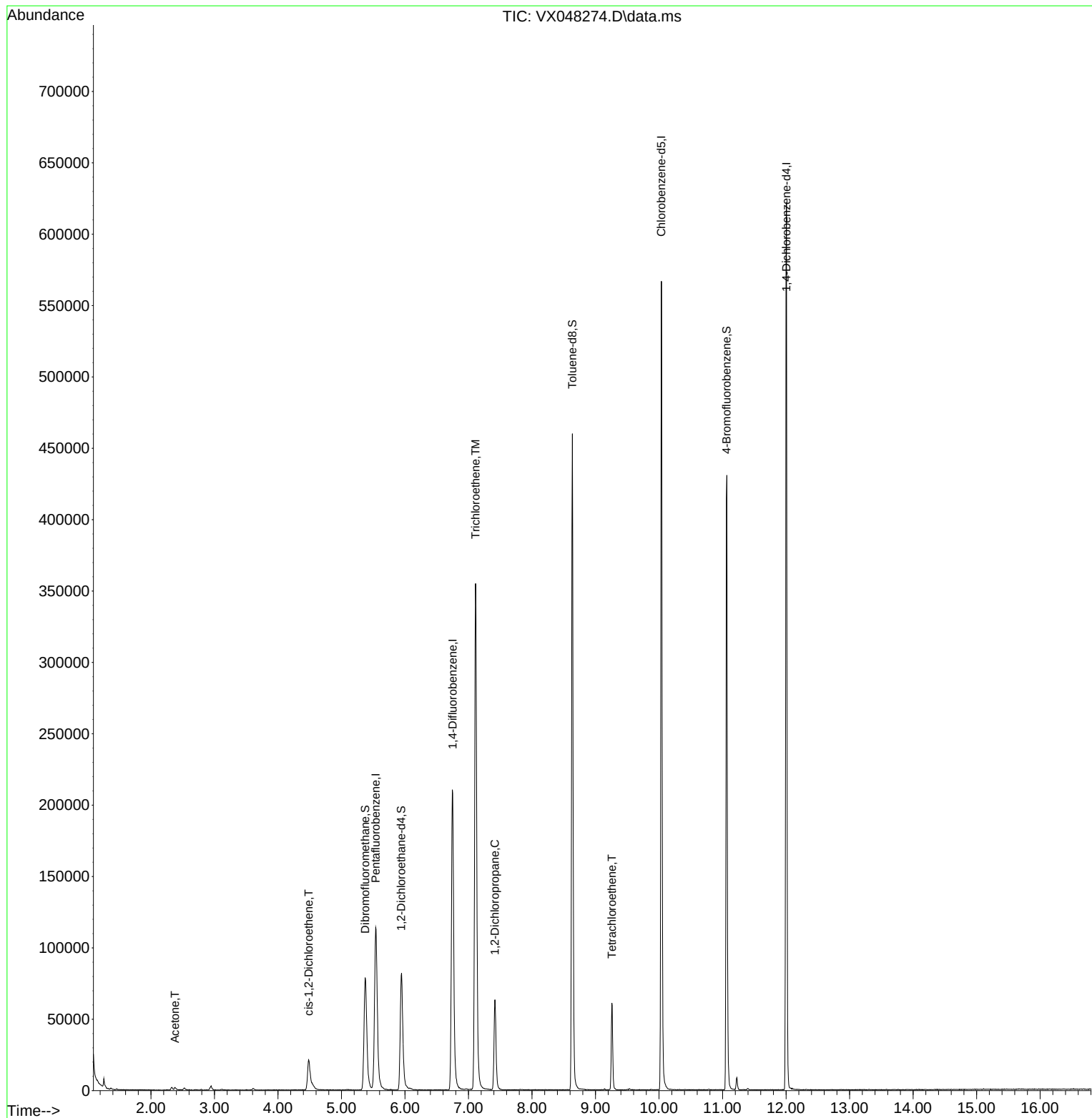
Internal Standards						
1) Pentafluorobenzene	5.538	168	117685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	236203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	265928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	91897	55.694	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.380%
35) Dibromofluoromethane	5.373	113	76415	47.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	8.635	98	281369	49.781	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.061	95	124629	57.961	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.920%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2910	5.141	ug/l #	84
27) cis-1,2-Dichloroethene	4.483	96	15375	9.707	ug/l	88
44) Trichloroethene	7.111	130	152383	86.725	ug/l	96
45) 1,2-Dichloropropane	7.415	63	27134	17.151	ug/l	99
64) Tetrachloroethene	9.256	164	12958	6.527	ug/l	89

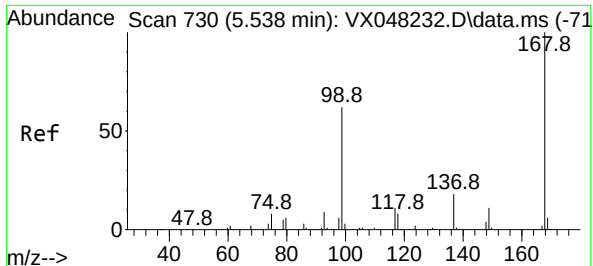
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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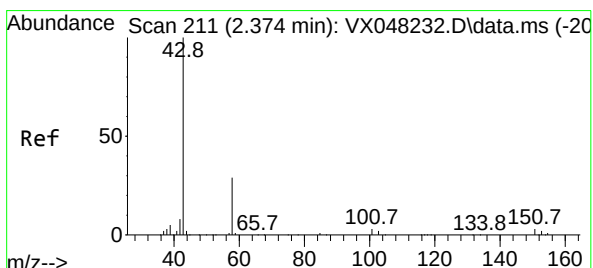
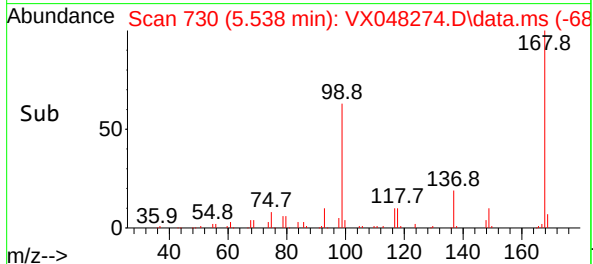
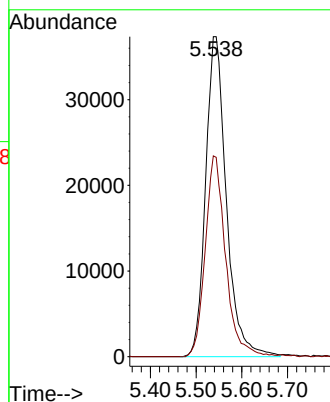
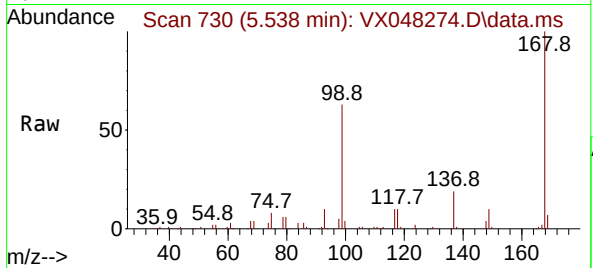




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048274.D
Acq: 21 Oct 2025 16:46

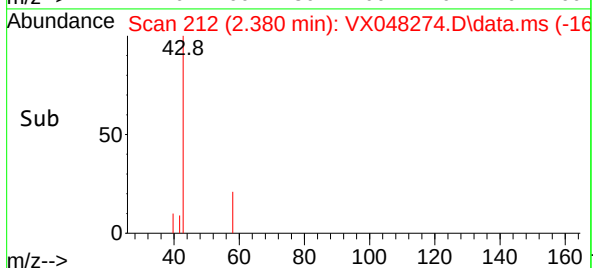
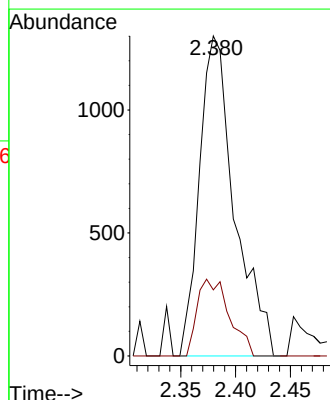
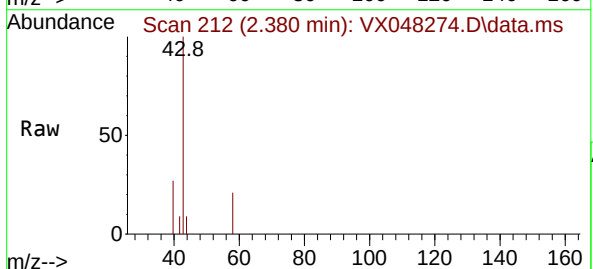
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-0760450

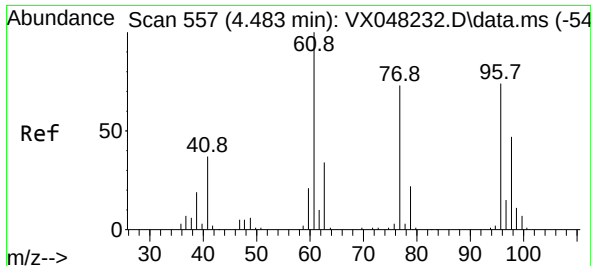
Tgt Ion:168 Resp: 117685
Ion Ratio Lower Upper
168 100
99 62.7 46.4 69.6



#16
Acetone
Concen: 5.141 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048274.D
Acq: 21 Oct 2025 16:46

Tgt Ion: 43 Resp: 2910
Ion Ratio Lower Upper
43 100
58 20.7 23.4 35.2#

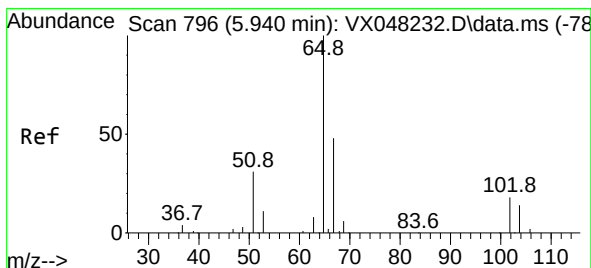
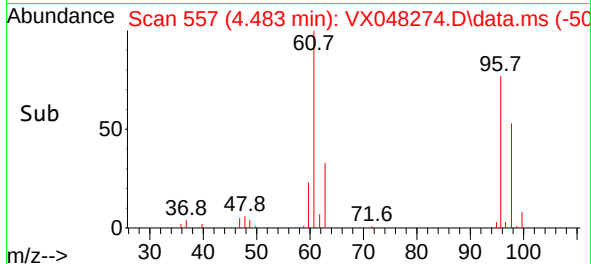
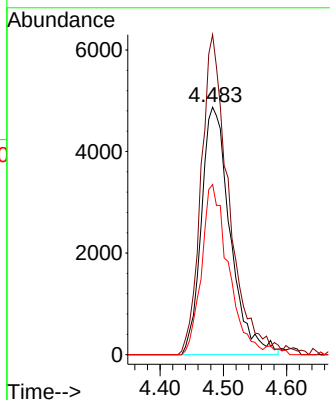
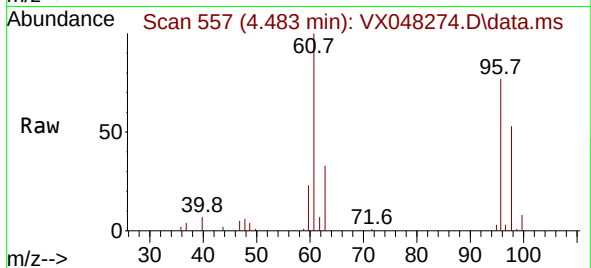




#27
 cis-1,2-Dichloroethene
 Concen: 9.707 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX048274.D
 Acq: 21 Oct 2025 16:46

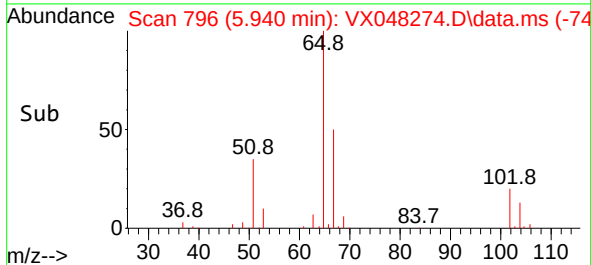
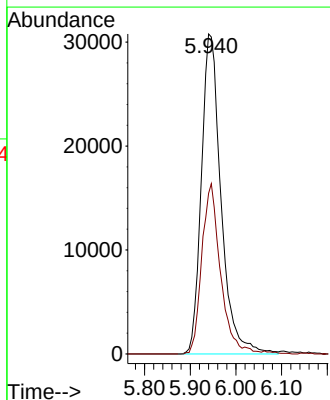
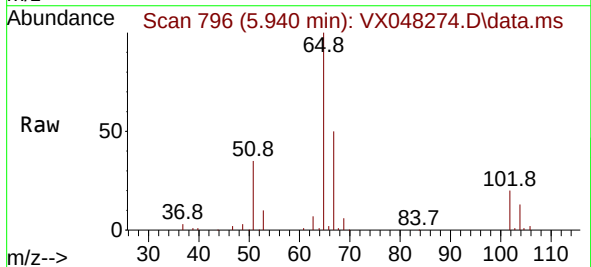
Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-0760450

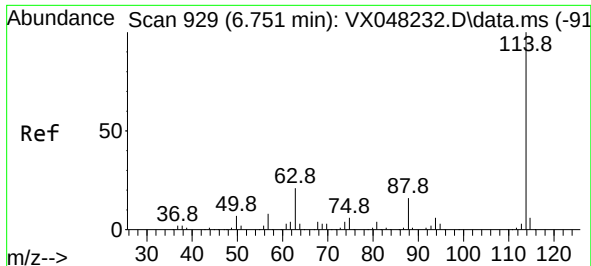
Tgt Ion: 96 Resp: 15375
 Ion Ratio Lower Upper
 96 100
 61 124.8 0.0 294.2
 98 64.2 0.0 128.4



#33
 1,2-Dichloroethane-d4
 Concen: 55.694 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048274.D
 Acq: 21 Oct 2025 16:46

Tgt Ion: 65 Resp: 91897
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.0

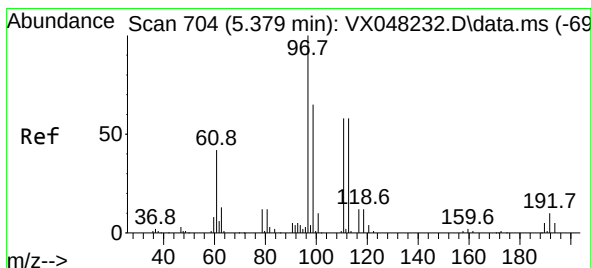
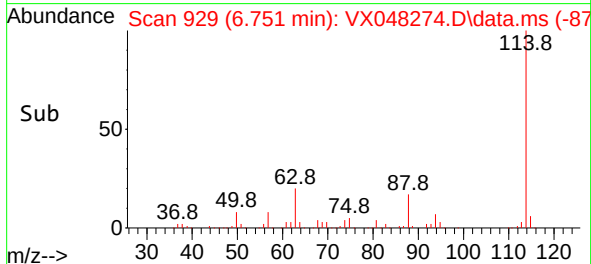
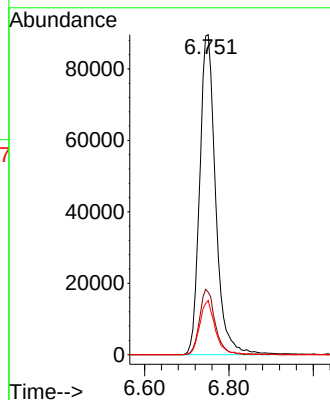
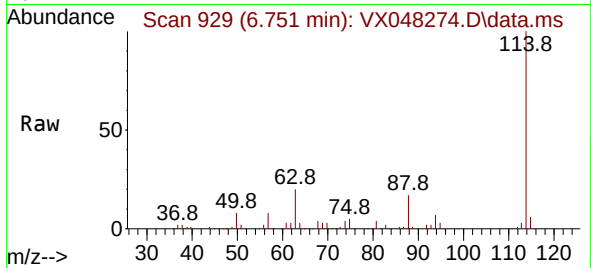




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX048274.D
 Acq: 21 Oct 2025 16:46

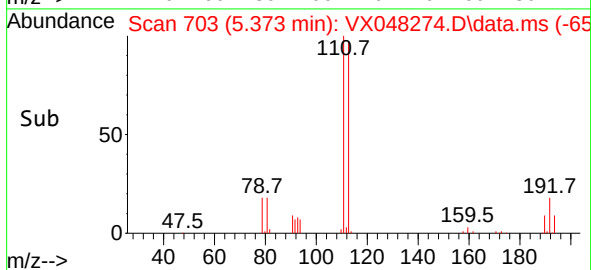
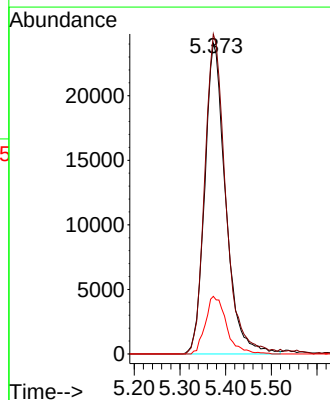
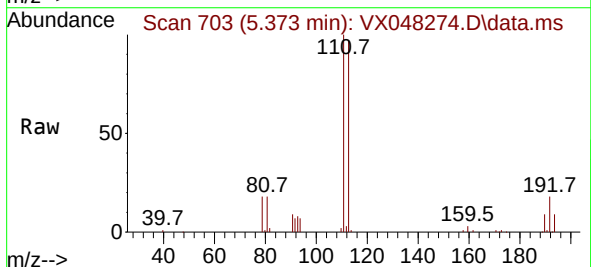
Instrument :
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 ClientSampleId :
 FRAC-TANK-0760450

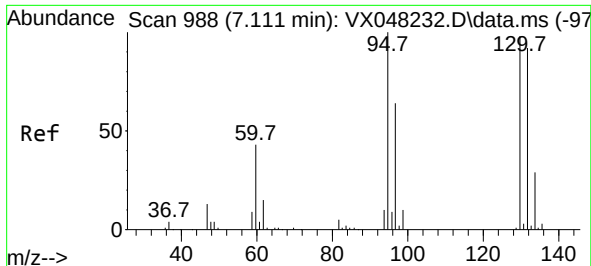
Tgt Ion:114 Resp: 236203
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.2
 88 16.9 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 47.388 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. 0.000 min
 Lab File: VX048274.D
 Acq: 21 Oct 2025 16:46

Tgt Ion:113 Resp: 76415
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 18.8 15.1 22.7

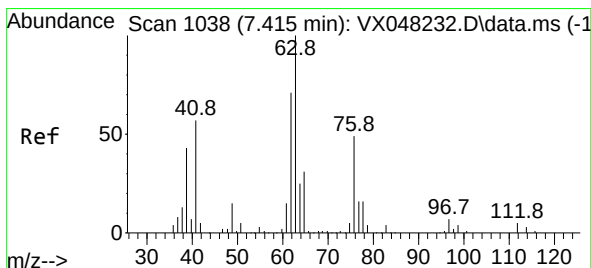
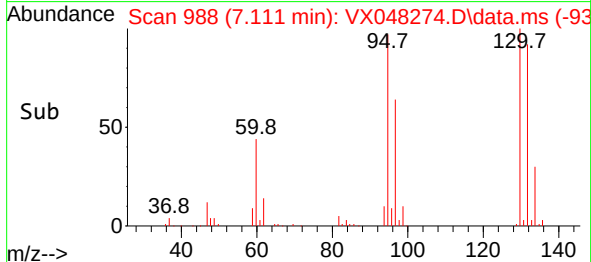
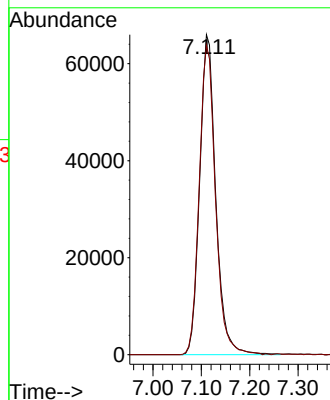
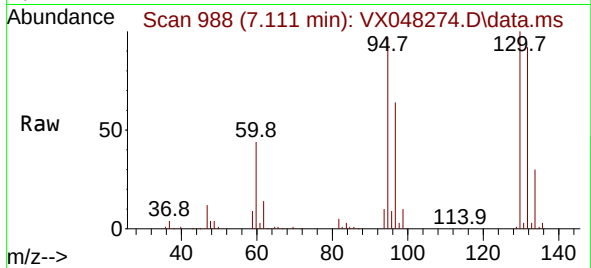




#44
Trichloroethene
Concen: 86.725 ug/l
RT: 7.111 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048274.D
Acq: 21 Oct 2025 16:46

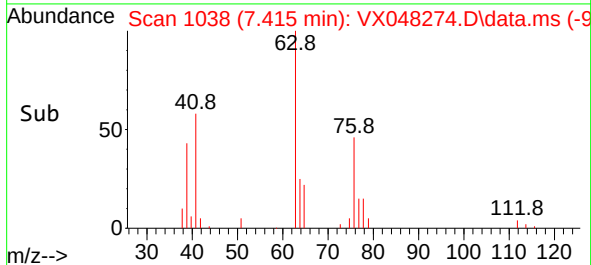
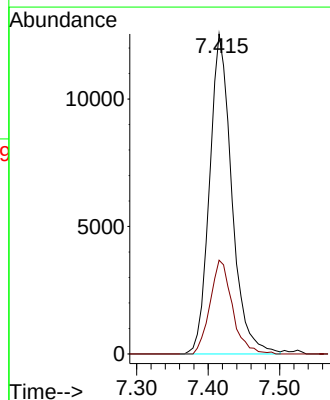
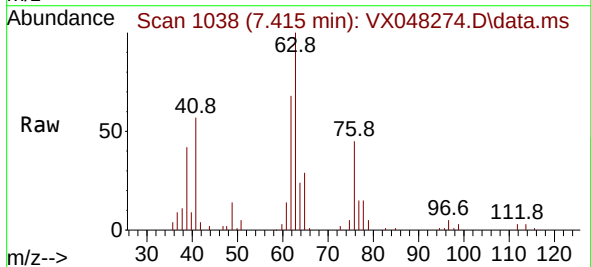
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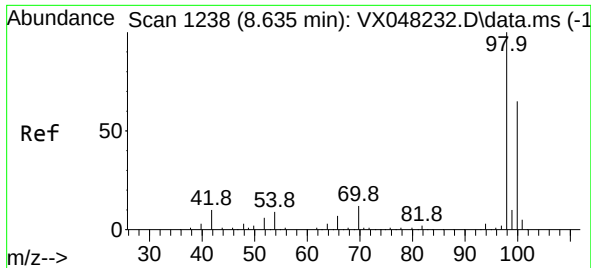
Tgt Ion:130 Resp: 152383
Ion Ratio Lower Upper
130 100
95 96.7 0.0 200.6



#45
1,2-Dichloropropane
Concen: 17.151 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048274.D
Acq: 21 Oct 2025 16:46

Tgt Ion: 63 Resp: 27134
Ion Ratio Lower Upper
63 100
65 29.3 24.1 36.1

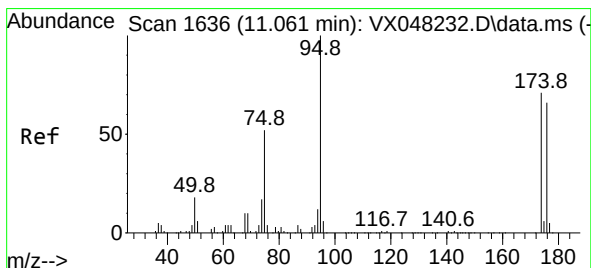
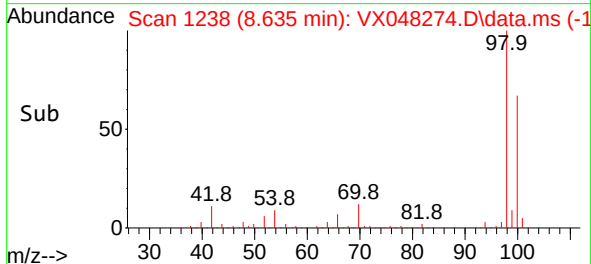
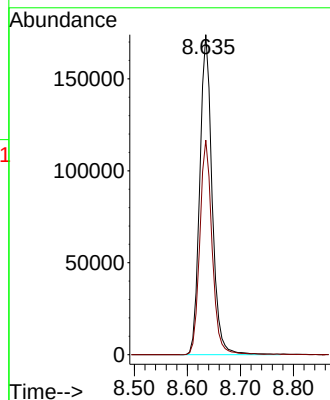
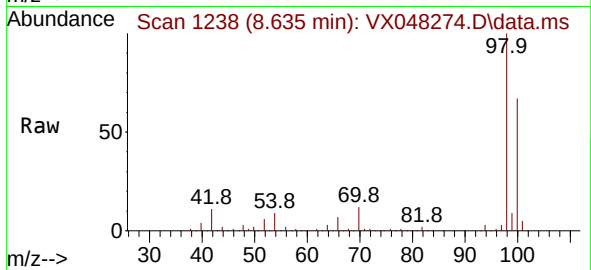




#50
Toluene-d8
Concen: 49.781 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048274.D
Acq: 21 Oct 2025 16:46

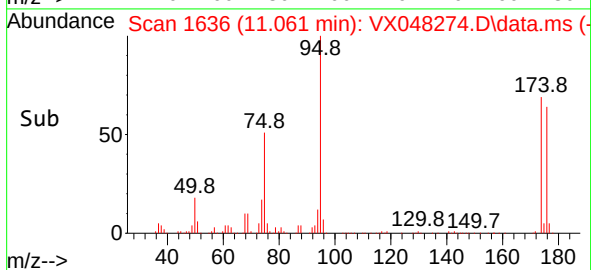
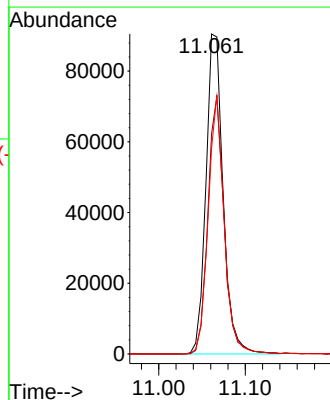
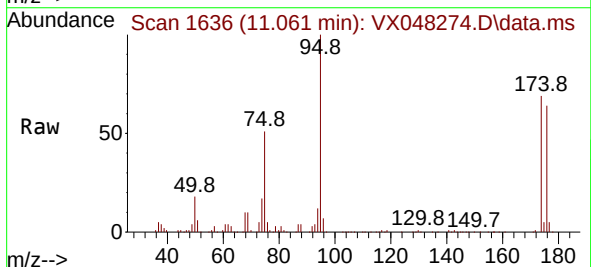
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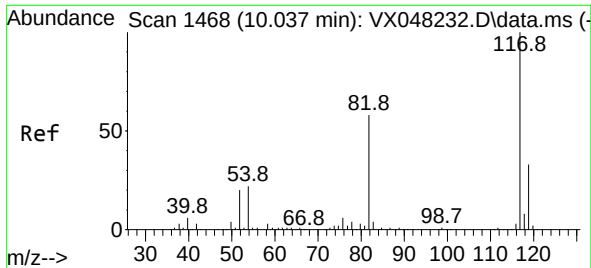
Tgt Ion: 98 Resp: 281369
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.961 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048274.D
Acq: 21 Oct 2025 16:46

Tgt Ion: 95 Resp: 124629
Ion Ratio Lower Upper
95 100
174 77.1 0.0 147.8
176 75.2 0.0 142.8

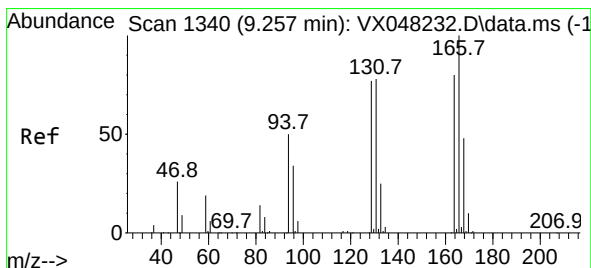
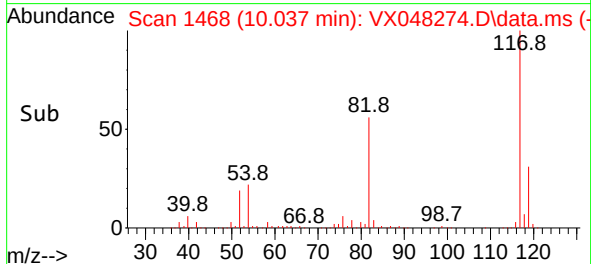
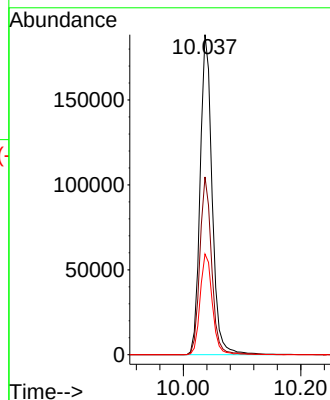
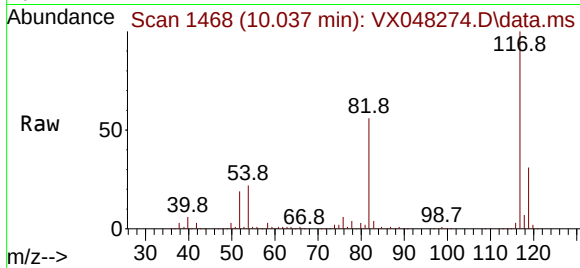




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048274.D
Acq: 21 Oct 2025 16:46

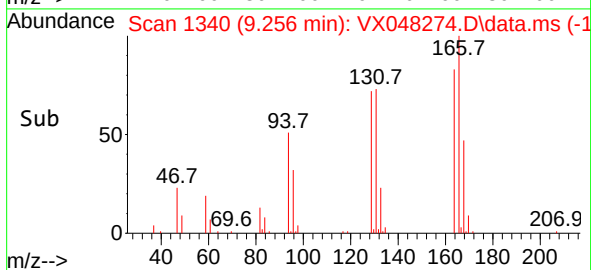
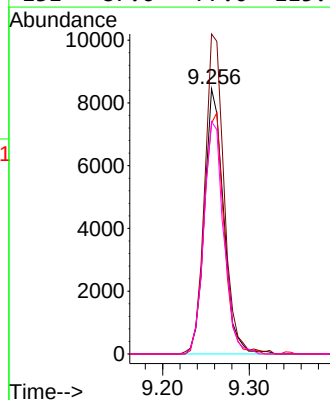
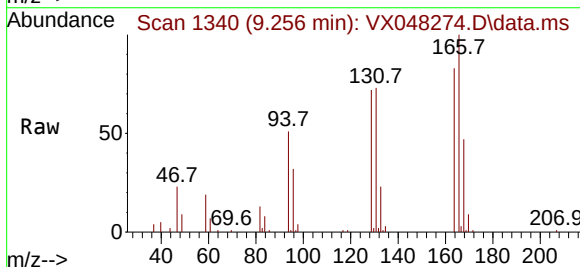
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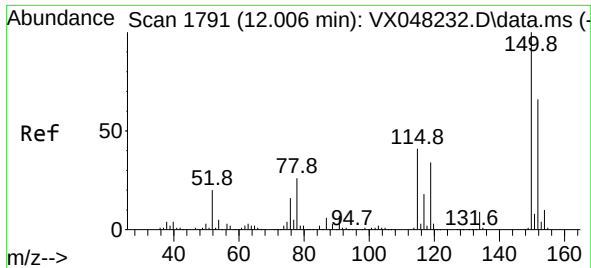
Tgt Ion:117 Resp: 265928
Ion Ratio Lower Upper
117 100
82 55.5 46.5 69.7
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 6.527 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048274.D
Acq: 21 Oct 2025 16:46

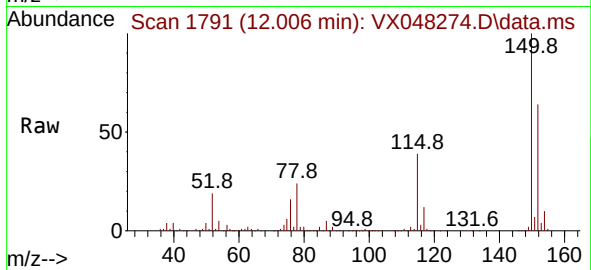
Tgt Ion:164 Resp: 12958
Ion Ratio Lower Upper
164 100
166 120.7 104.5 156.7
129 87.0 81.8 122.6
131 87.6 77.0 115.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048274.D
 Acq: 21 Oct 2025 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-0760450



Tgt Ion:152 Resp: 136752
 Ion Ratio Lower Upper
 152 100
 115 61.1 43.1 129.4
 150 156.4 0.0 353.0

