

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047026.D
 Acq On : 16 Jul 2025 13:42
 Operator : JC/MD
 Sample : Q2600-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRENCH

Quant Time: Jul 17 03:33:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

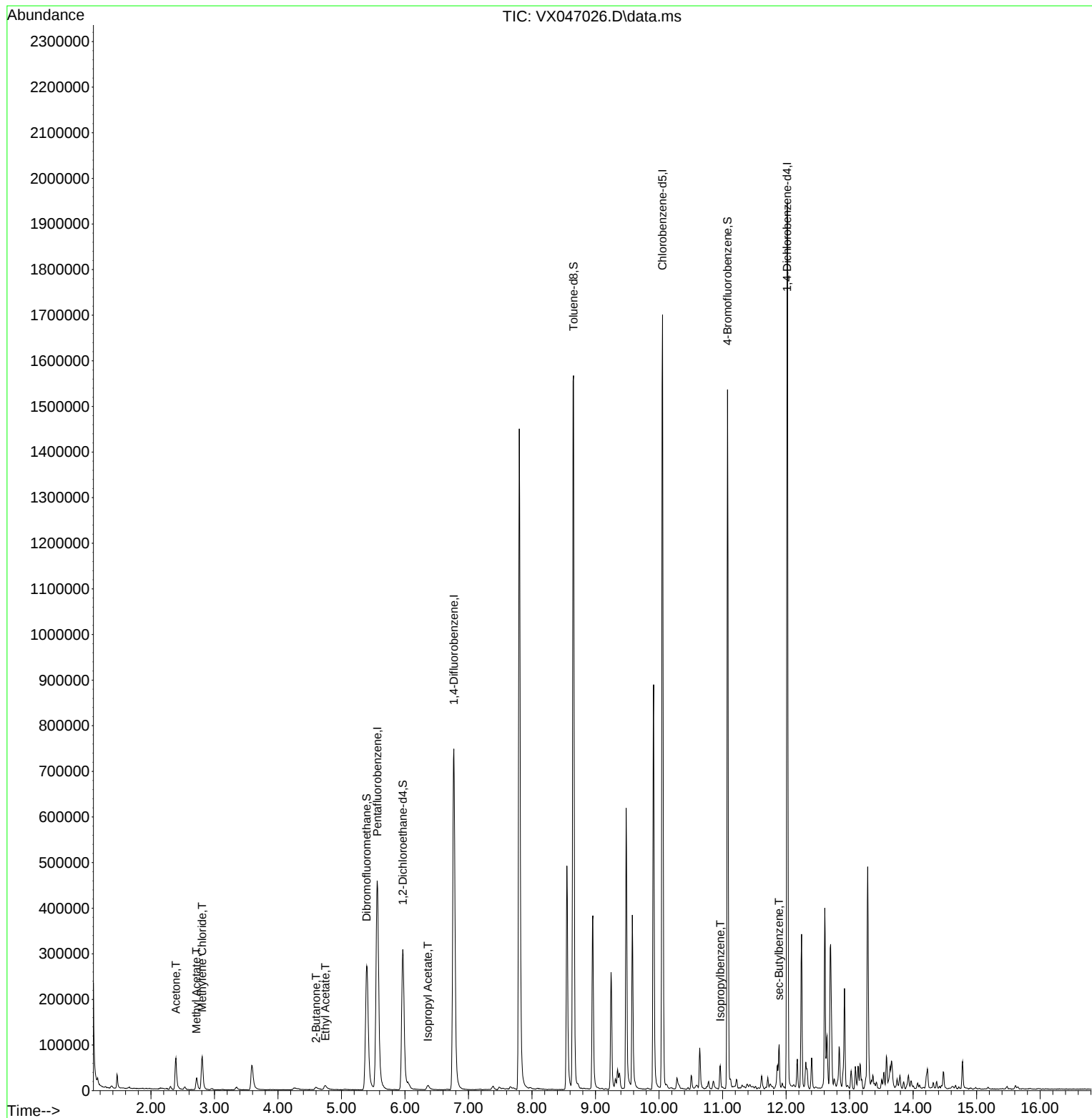
Internal Standards						
1) Pentafluorobenzene	5.562	168	456381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	801649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	755525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	386777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	321746	53.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.720%	
35) Dibromofluoromethane	5.397	113	261217	48.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.000%	
50) Toluene-d8	8.653	98	959240	49.963	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	11.079	95	401786	55.063	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.120%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	85287	45.540	ug/l	96
18) Methyl Acetate	2.715	43	38149	7.728	ug/l	97
20) Methylene Chloride	2.806	84	34912	6.304	ug/l	96
25) 2-Butanone	4.599	43	14120	5.651	ug/l	95
37) Ethyl Acetate	4.745	43	22713	3.632	ug/l #	93
43) Isopropyl Acetate	6.361	43	13932	1.455	ug/l	98
73) Isopropylbenzene	10.963	105	27898	1.026	ug/l	97
85) sec-Butylbenzene	11.890	105	48540	1.687	ug/l #	76

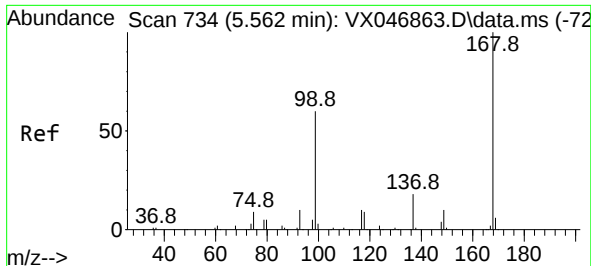
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

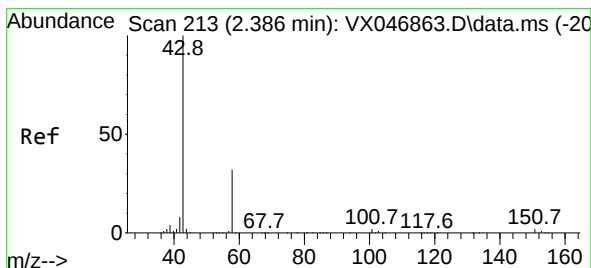
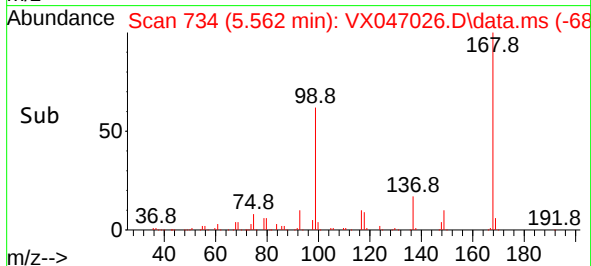
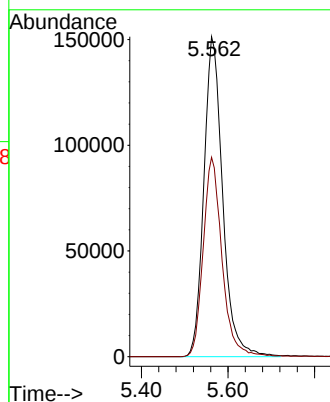
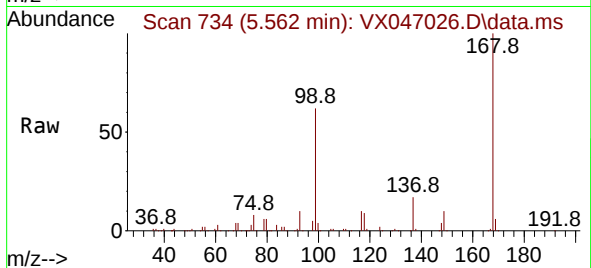




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

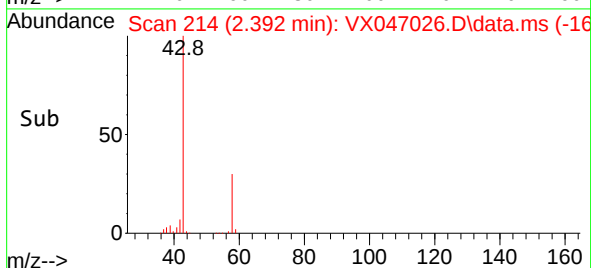
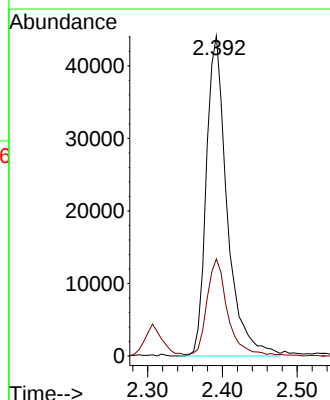
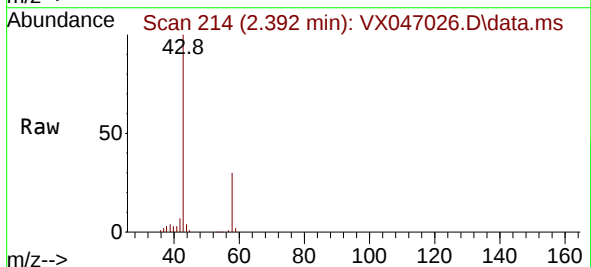
Instrument :
MSVOA_X
ClientSampleId :
TRENCH

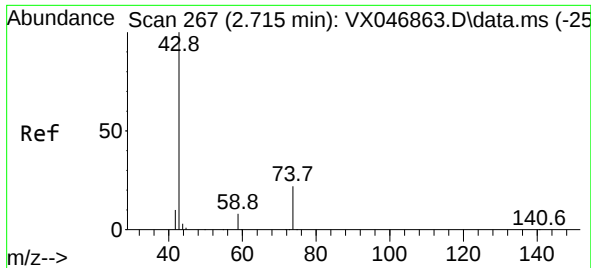
Tgt Ion:168 Resp: 456381
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2



#16
Acetone
Concen: 45.540 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

Tgt Ion: 43 Resp: 85287
Ion Ratio Lower Upper
43 100
58 29.8 25.8 38.6

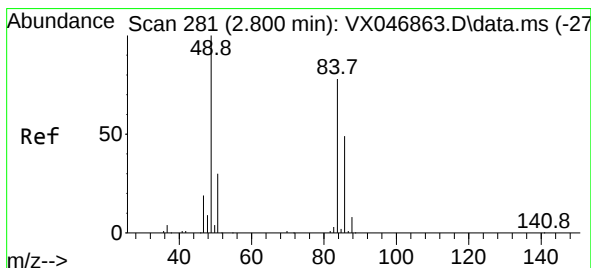
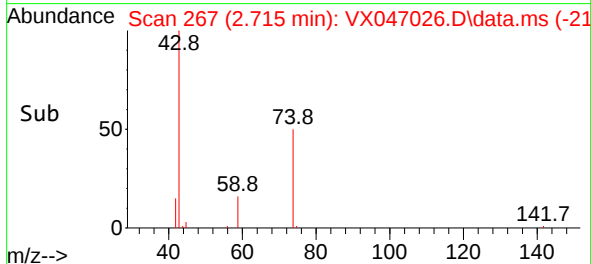
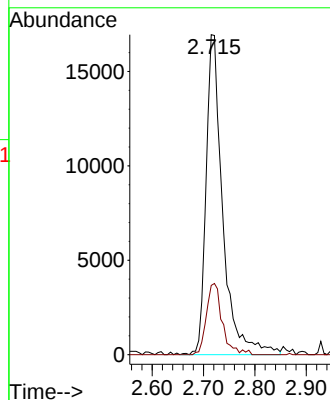
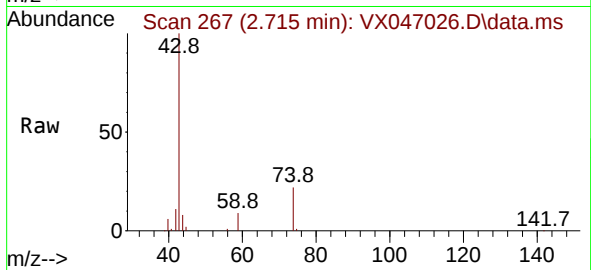




#18
Methyl Acetate
Concen: 7.728 ug/l
RT: 2.715 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

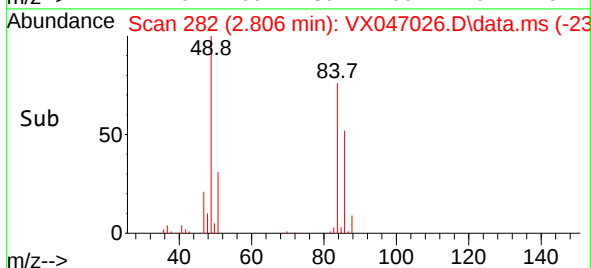
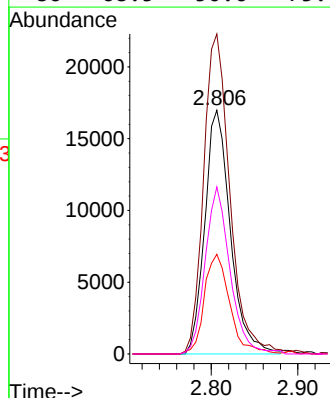
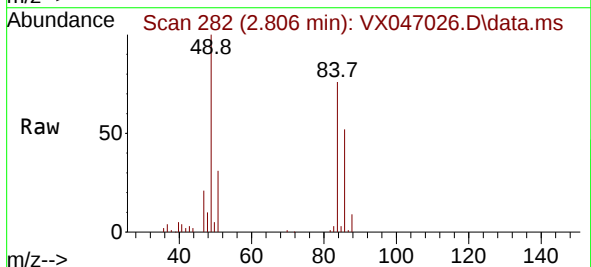
Instrument :
MSVOA_X
ClientSampleId :
TRENCH

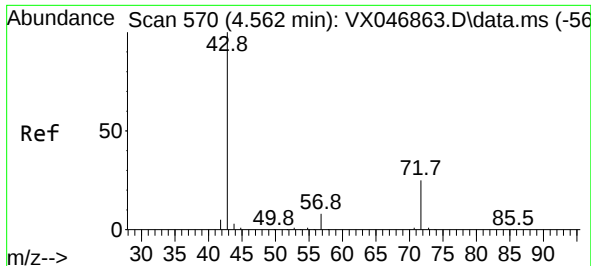
Tgt Ion: 43 Resp: 38149
Ion Ratio Lower Upper
43 100
74 21.3 18.3 27.5



#20
Methylene Chloride
Concen: 6.304 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

Tgt Ion: 84 Resp: 34912
Ion Ratio Lower Upper
84 100
49 131.3 102.8 154.2
51 40.9 31.1 46.7
86 68.5 50.6 75.8

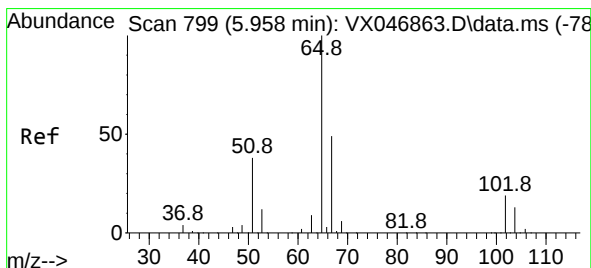
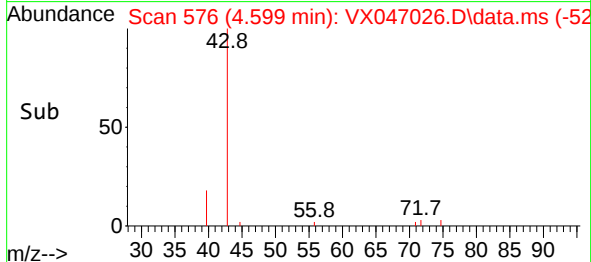
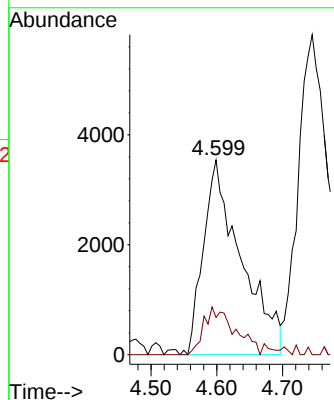
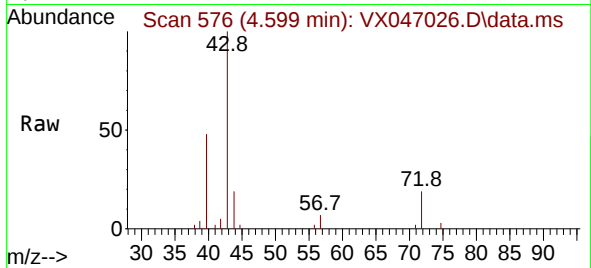




#25
2-Butanone
Concen: 5.651 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

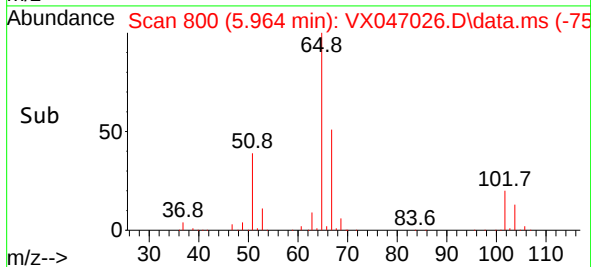
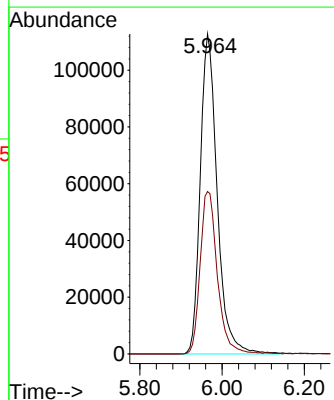
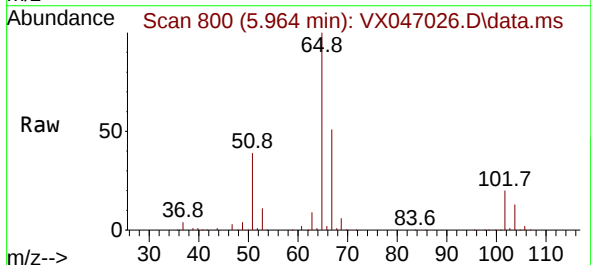
Instrument :
MSVOA_X
ClientSampleId :
TRENCH

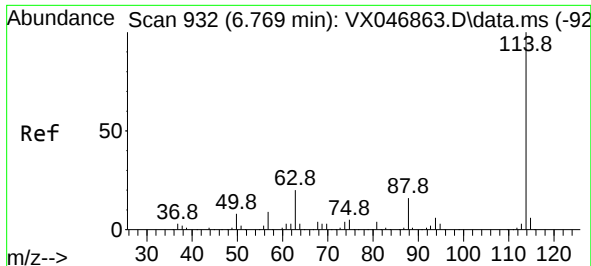
Tgt Ion: 43 Resp: 14120
Ion Ratio Lower Upper
43 100
72 22.5 20.0 30.0



#33
1,2-Dichloroethane-d4
Concen: 53.364 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

Tgt Ion: 65 Resp: 321746
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2

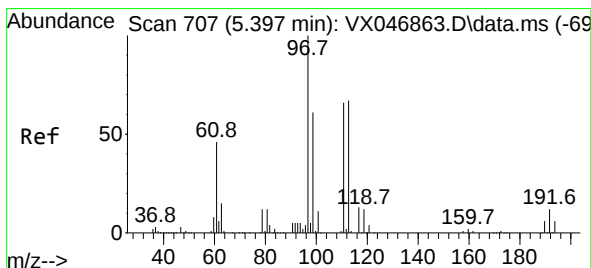
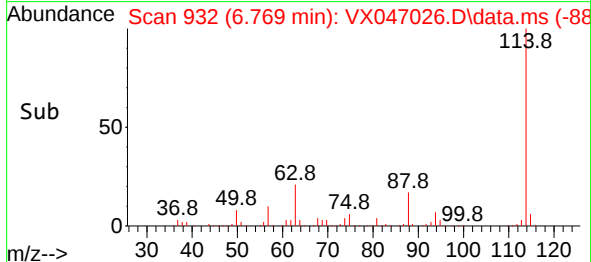
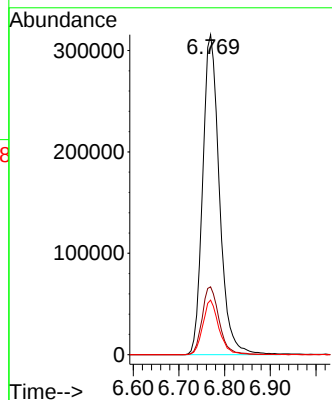
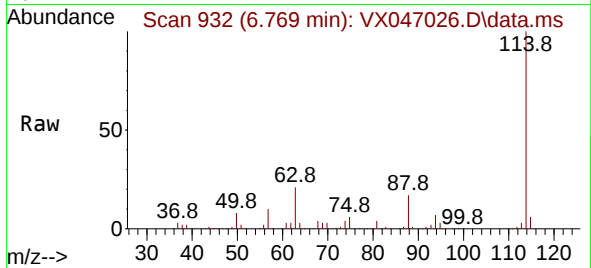




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

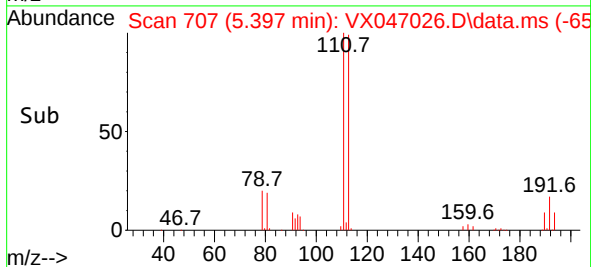
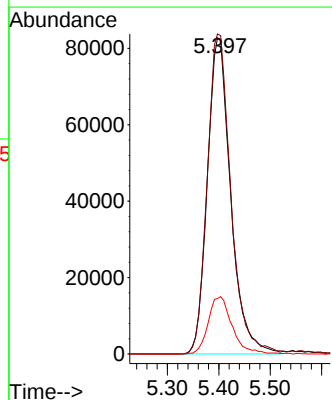
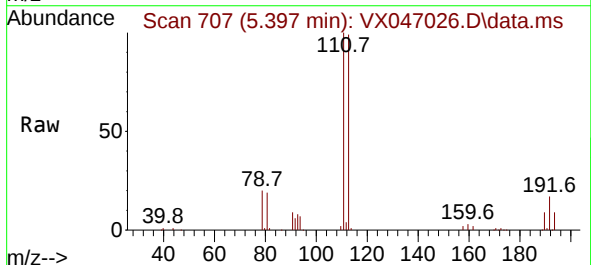
Instrument :
MSVOA_X
ClientSampleId :
TRENCH

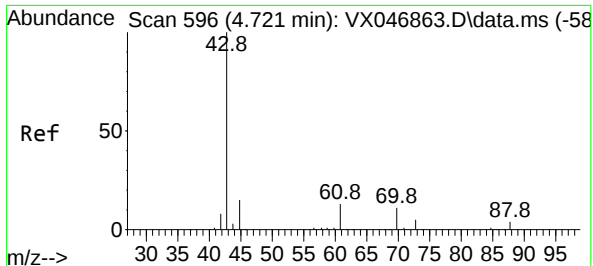
Tgt Ion:114 Resp: 801649
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.4
88 17.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.004 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

Tgt Ion:113 Resp: 261217
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 18.6 15.3 22.9





#37

Ethyl Acetate

Concen: 3.632 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.024 min

Lab File: VX047026.D

Acq: 16 Jul 2025 13:42

Instrument :

MSVOA_X

ClientSampleId :

TRENCH

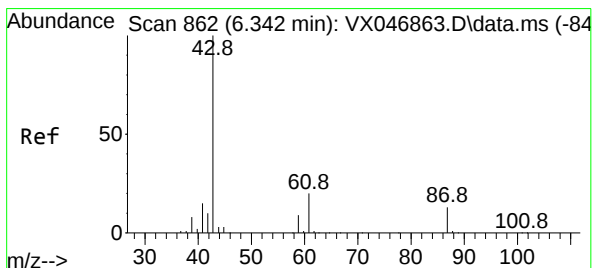
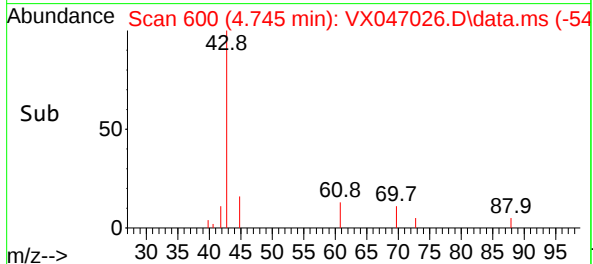
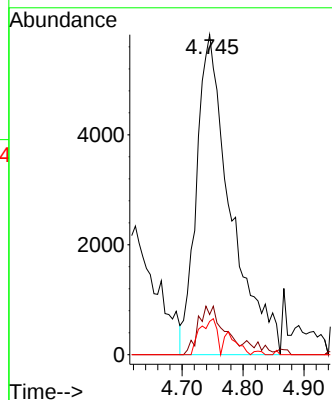
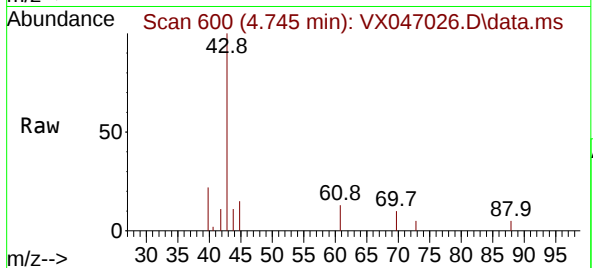
Tgt Ion: 43 Resp: 22713

Ion Ratio Lower Upper

43 100

61 11.2 9.7 14.5

70 5.5 8.3 12.5#



#43

Isopropyl Acetate

Concen: 1.455 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.018 min

Lab File: VX047026.D

Acq: 16 Jul 2025 13:42

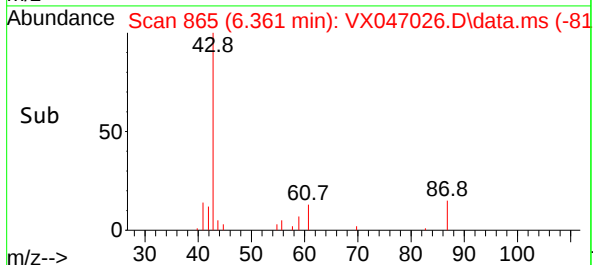
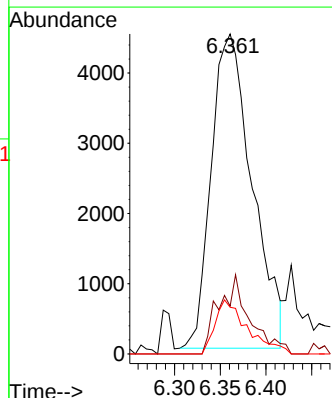
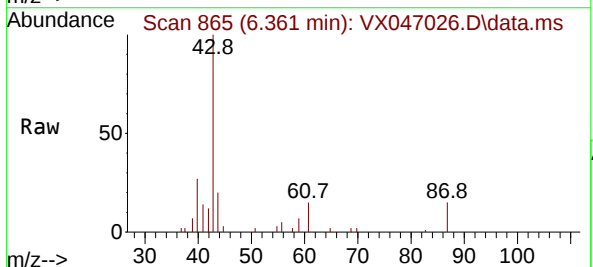
Tgt Ion: 43 Resp: 13932

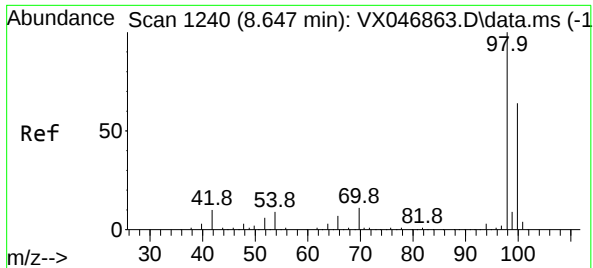
Ion Ratio Lower Upper

43 100

61 19.0 15.7 23.5

87 13.6 10.1 15.1

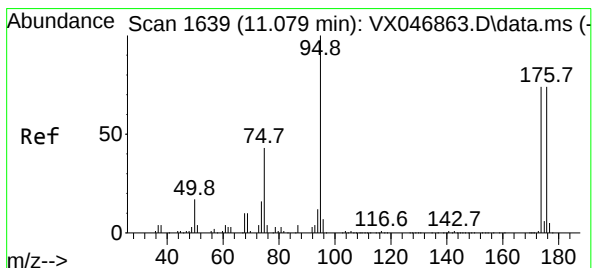
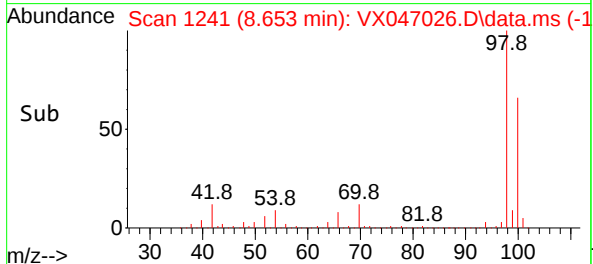
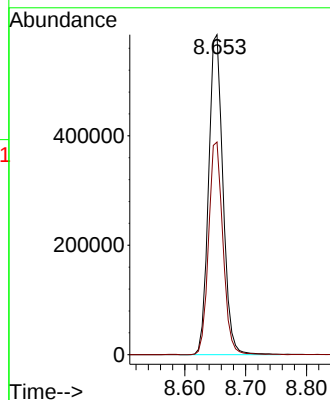
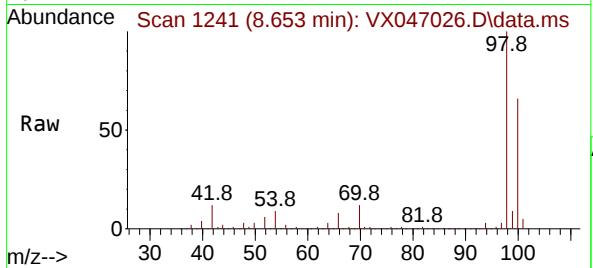




#50
Toluene-d8
Concen: 49.963 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

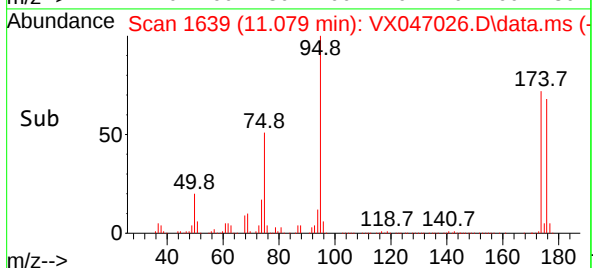
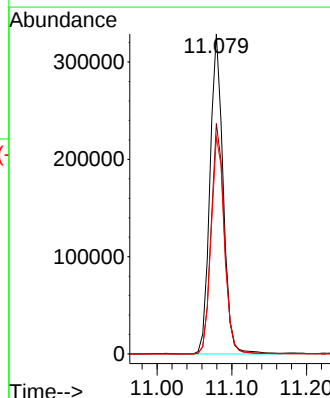
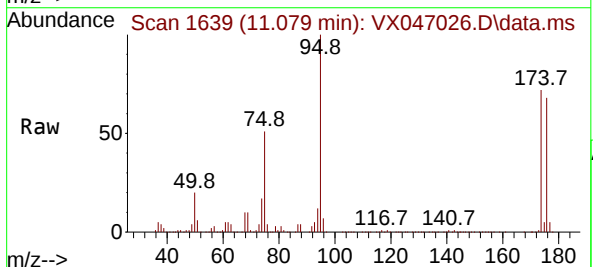
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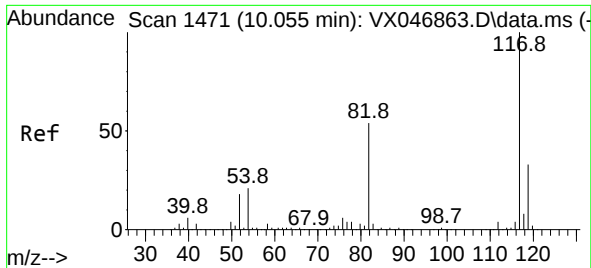
Tgt Ion: 98 Resp: 959240
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 55.063 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

Tgt Ion: 95 Resp: 401786
Ion Ratio Lower Upper
95 100
174 72.3 0.0 152.0
176 69.0 0.0 145.2

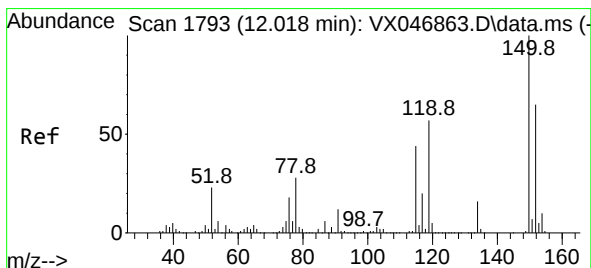
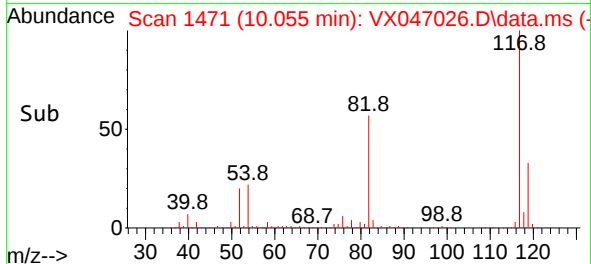
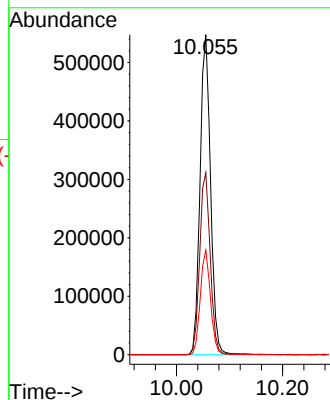
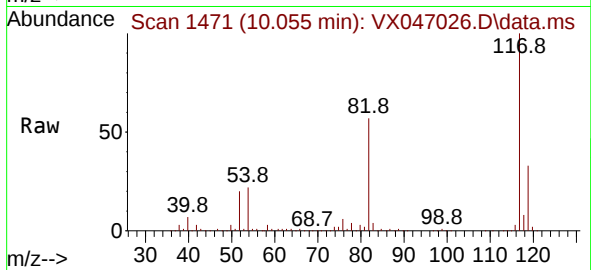




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

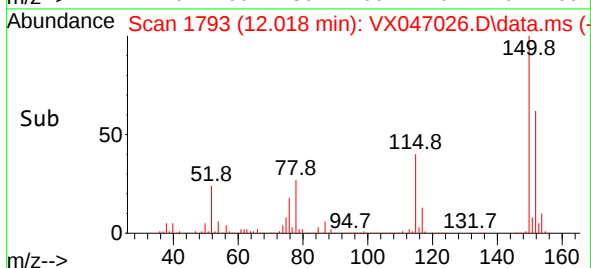
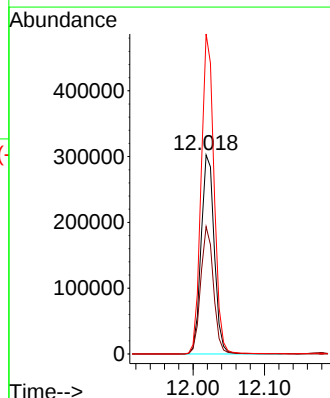
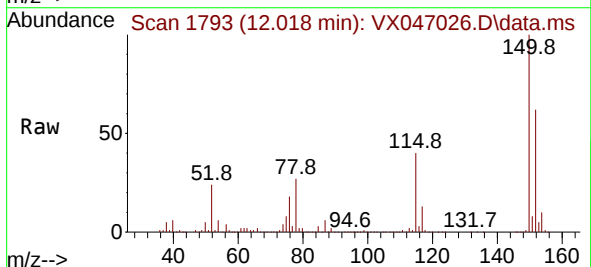
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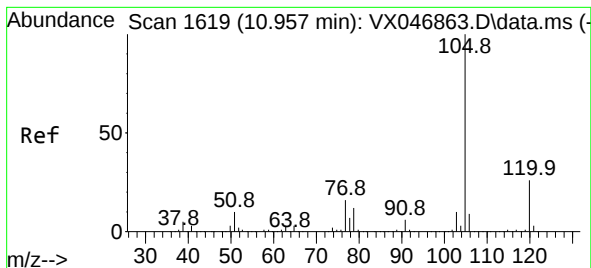
Tgt Ion:117 Resp: 755525
Ion Ratio Lower Upper
117 100
82 56.9 43.3 64.9
119 32.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047026.D
Acq: 16 Jul 2025 13:42

Tgt Ion:152 Resp: 386777
Ion Ratio Lower Upper
152 100
115 62.2 42.4 127.1
150 157.3 0.0 349.2





#73

Isopropylbenzene

Concen: 1.026 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047026.D

Acq: 16 Jul 2025 13:42

Instrument :

MSVOA_X

ClientSampleId :

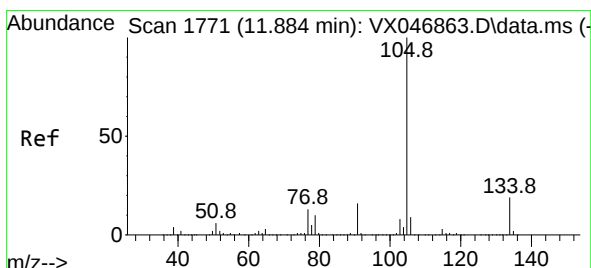
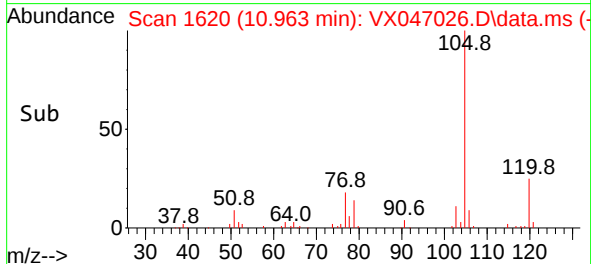
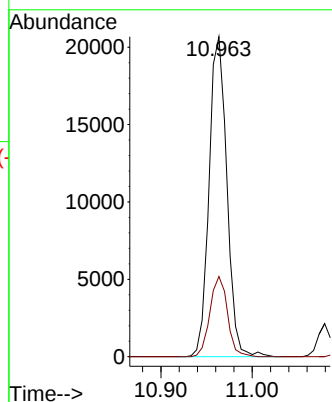
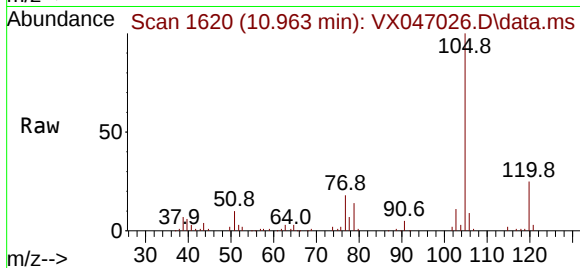
TRENCH

Tgt Ion:105 Resp: 27898

Ion Ratio Lower Upper

105 100

120 24.8 13.2 39.5



#85

sec-Butylbenzene

Concen: 1.687 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VX047026.D

Acq: 16 Jul 2025 13:42

Tgt Ion:105 Resp: 48540

Ion Ratio Lower Upper

105 100

134 30.6 9.9 29.7#

