

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047003.D
 Acq On : 15 Jul 2025 15:41
 Operator : JC/MD
 Sample : Q2571-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-17

Quant Time: Jul 16 02:28:29 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)

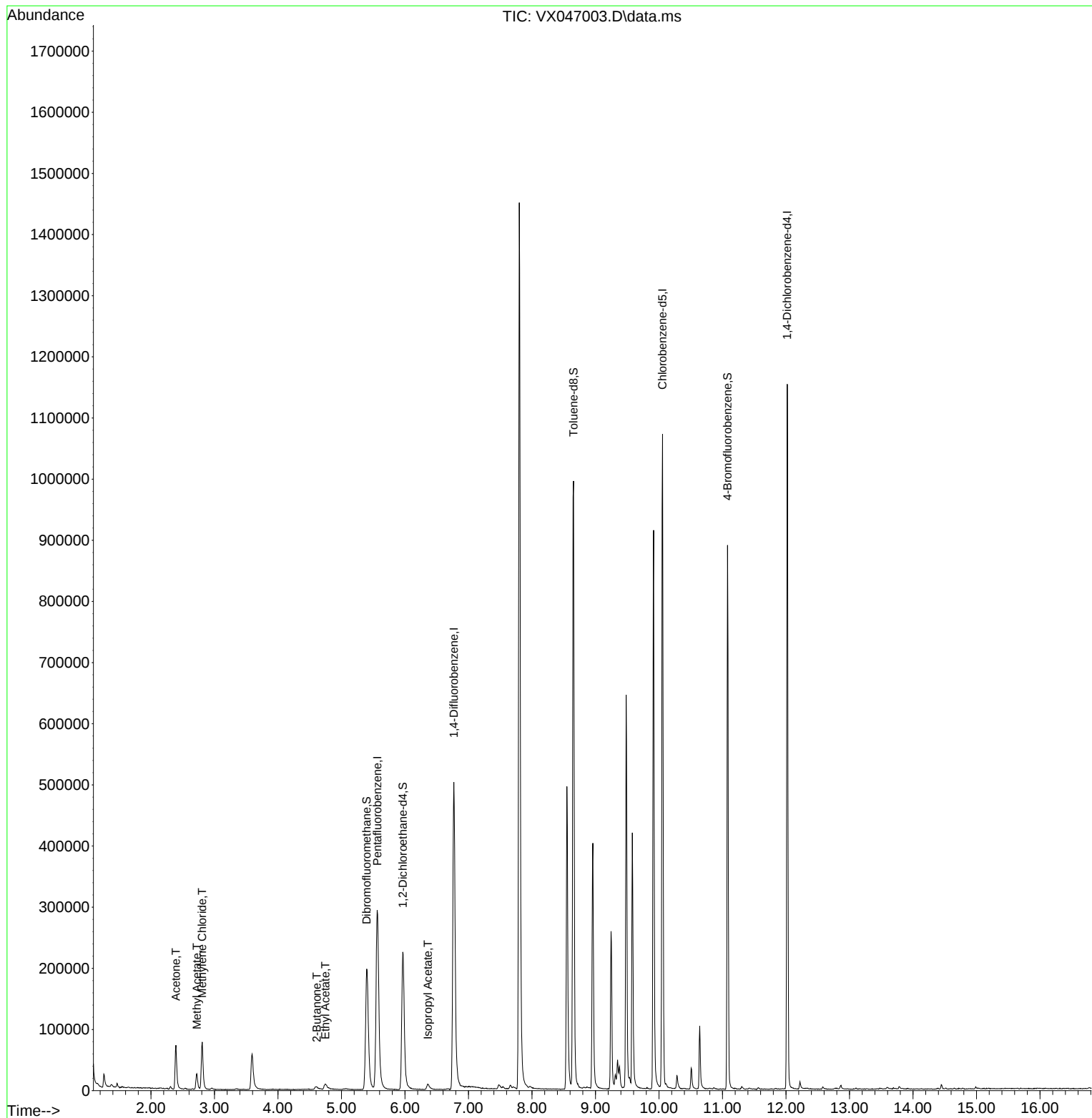
Internal Standards						
1) Pentafluorobenzene	5.562	168	298261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	536498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	227747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236111	59.922	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 119.840%#		
35) Dibromofluoromethane	5.397	113	187612	51.517	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.040%		
50) Toluene-d8	8.653	98	606716	47.219	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.440%		
62) 4-Bromofluorobenzene	11.079	95	240974	49.346	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.700%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	90355	73.823	ug/l	95
18) Methyl Acetate	2.721	43	36674	11.368	ug/l	96
20) Methylene Chloride	2.806	84	37631	10.397	ug/l	94
25) 2-Butanone	4.611	43	13037	7.984	ug/l	99
37) Ethyl Acetate	4.745	43	22783	5.444	ug/l #	90
43) Isopropyl Acetate	6.361	43	15546	2.425	ug/l #	88

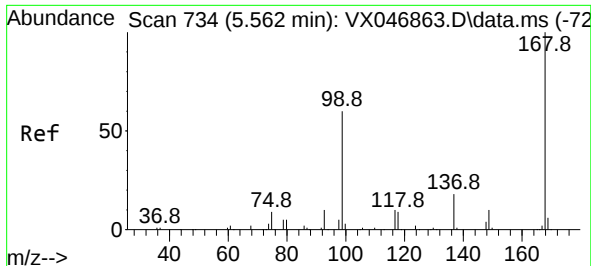
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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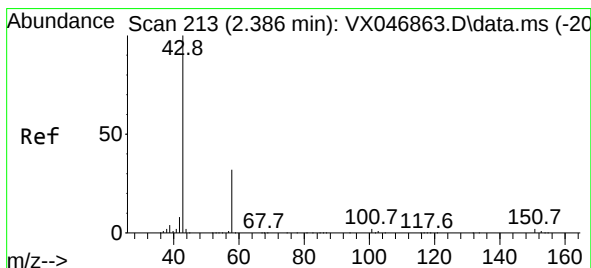
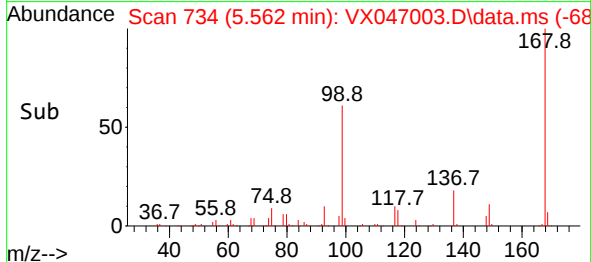
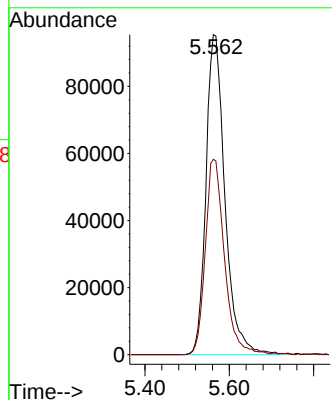
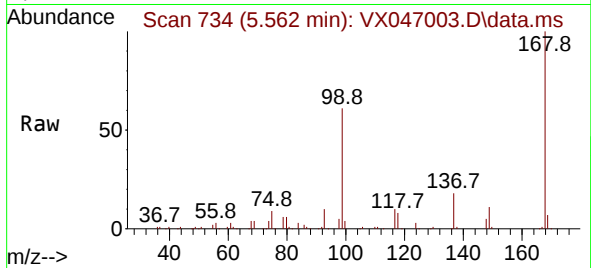




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

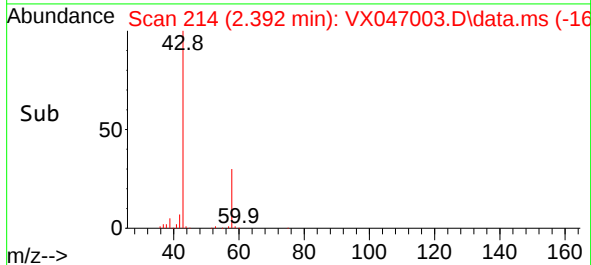
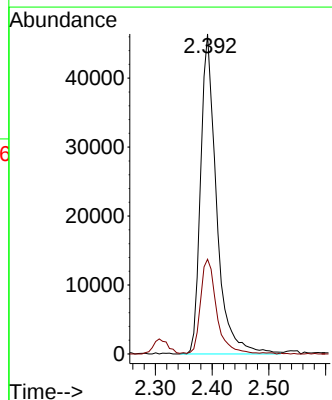
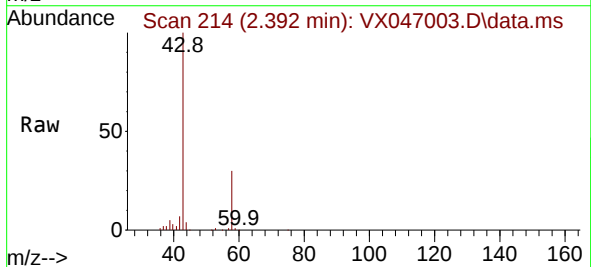
Instrument :
MSVOA_X
ClientSampleId :
TP-17

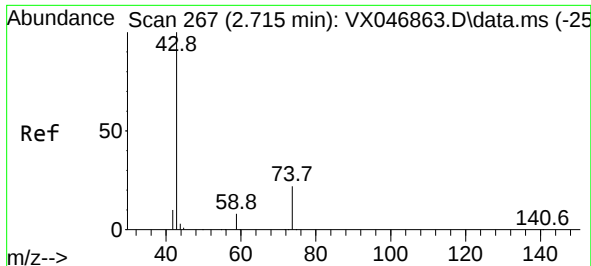
Tgt Ion:168 Resp: 298261
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#16
Acetone
Concen: 73.823 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

Tgt Ion: 43 Resp: 90355
Ion Ratio Lower Upper
43 100
58 29.4 25.8 38.6

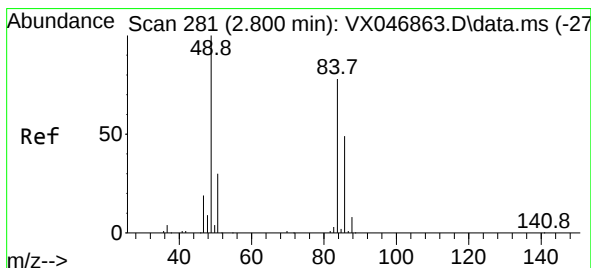
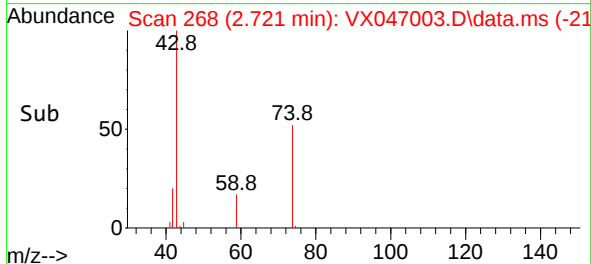
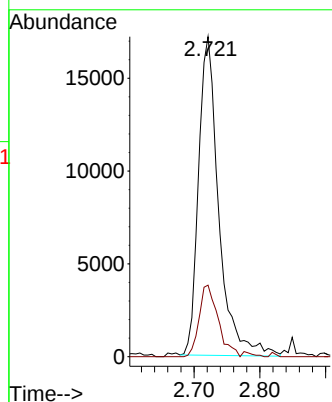
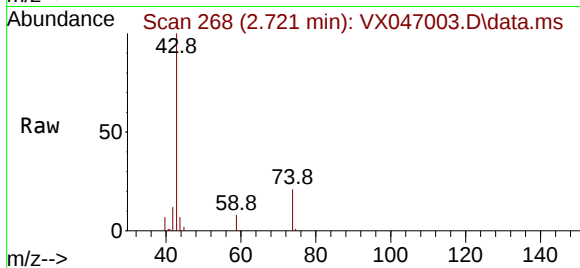




#18
Methyl Acetate
Concen: 11.368 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

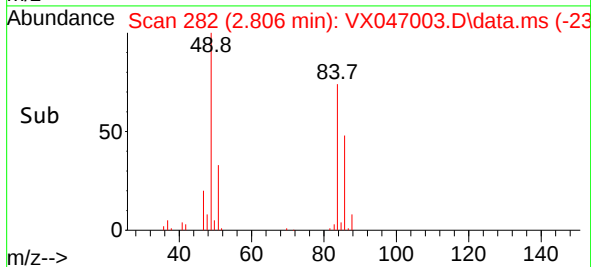
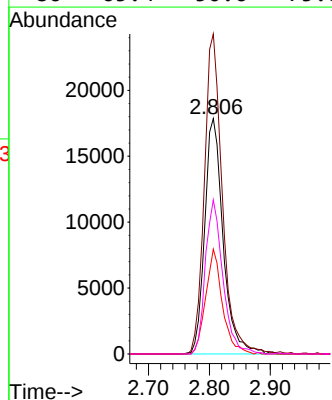
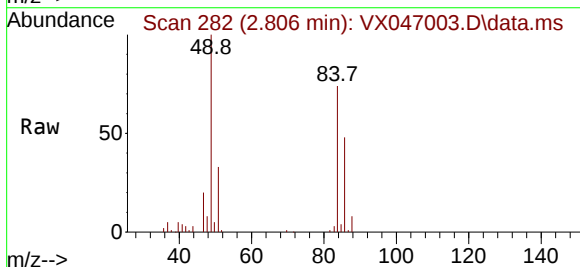
Instrument :
MSVOA_X
ClientSampleId :
TP-17

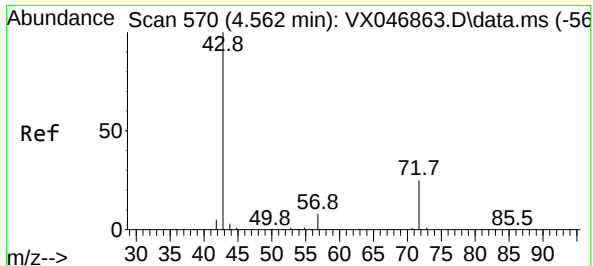
Tgt Ion: 43 Resp: 36674
Ion Ratio Lower Upper
43 100
74 21.0 18.3 27.5



#20
Methylene Chloride
Concen: 10.397 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

Tgt Ion: 84 Resp: 37631
Ion Ratio Lower Upper
84 100
49 135.9 102.8 154.2
51 44.5 31.1 46.7
86 65.4 50.6 75.8

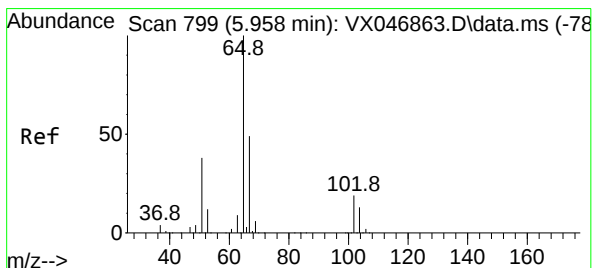
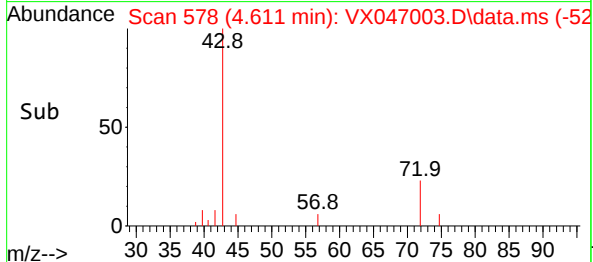
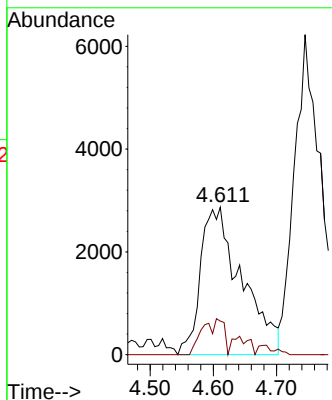
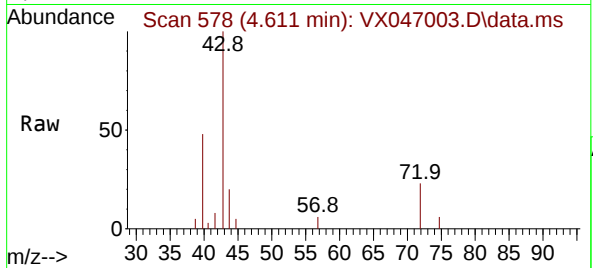




#25
2-Butanone
Concen: 7.984 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

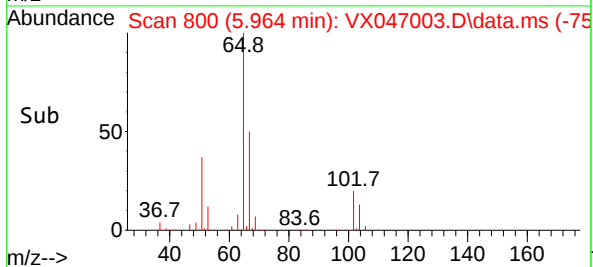
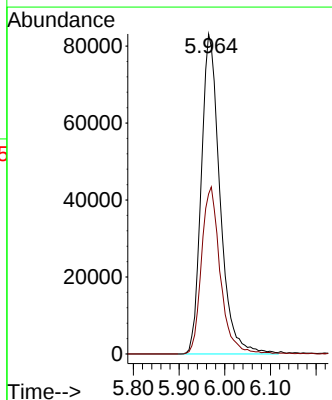
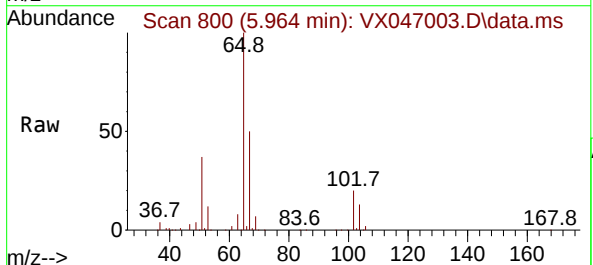
Instrument :
MSVOA_X
ClientSampleId :
TP-17

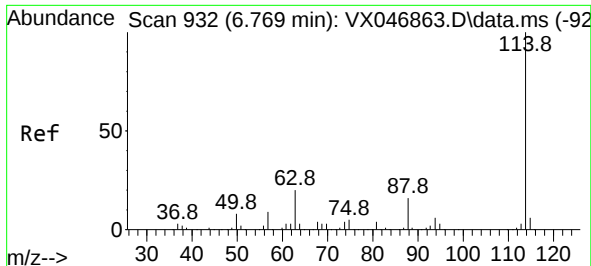
Tgt Ion: 43 Resp: 13037
Ion Ratio Lower Upper
43 100
72 24.3 20.0 30.0



#33
1,2-Dichloroethane-d4
Concen: 59.922 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

Tgt Ion: 65 Resp: 236111
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2

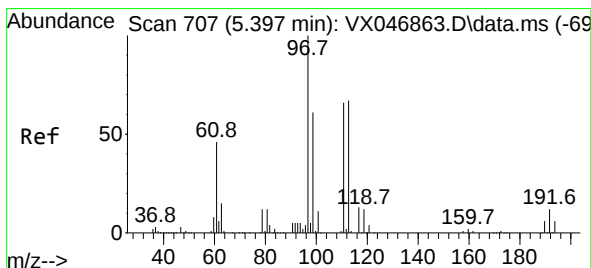
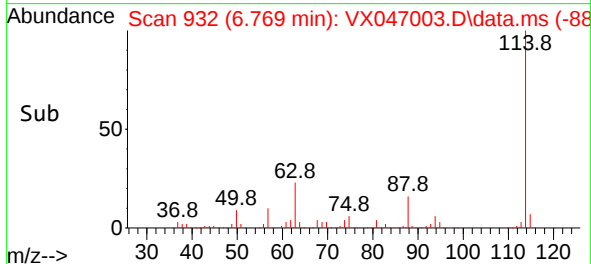
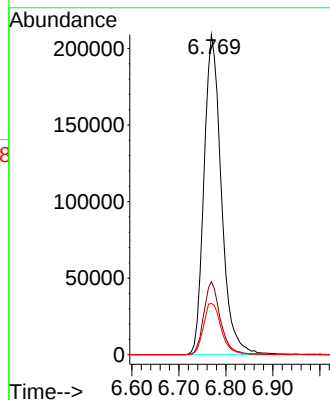
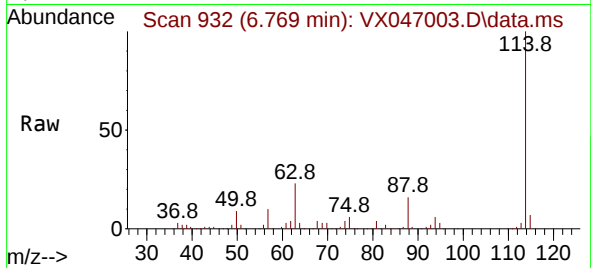




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

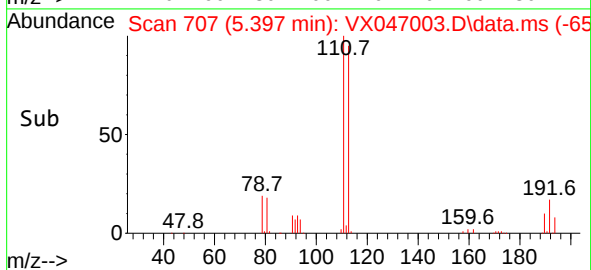
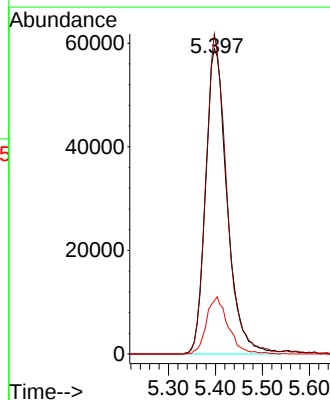
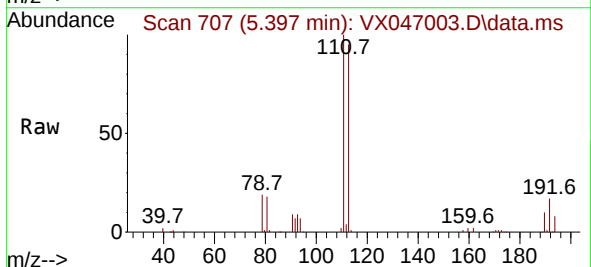
Instrument :
MSVOA_X
ClientSampleId :
TP-17

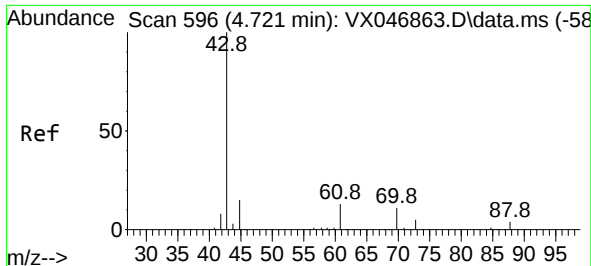
Tgt Ion:114 Resp: 536498
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.4
88 16.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 51.517 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

Tgt Ion:113 Resp: 187612
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 18.8 15.3 22.9





#37

Ethyl Acetate

Concen: 5.444 ug/l

RT: 4.745 min Scan# 60

Delta R.T. 0.024 min

Lab File: VX047003.D

Acq: 15 Jul 2025 15:41

Instrument :

MSVOA_X

ClientSampleId :

TP-17

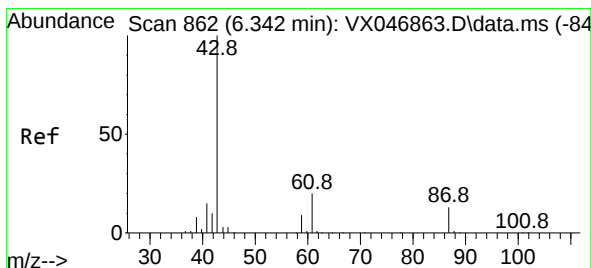
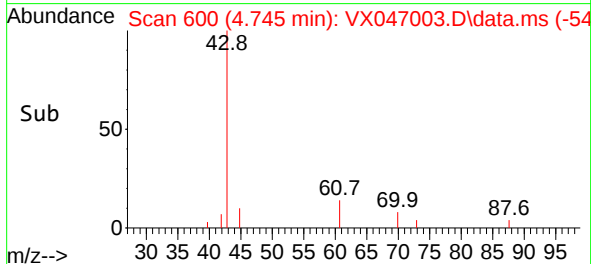
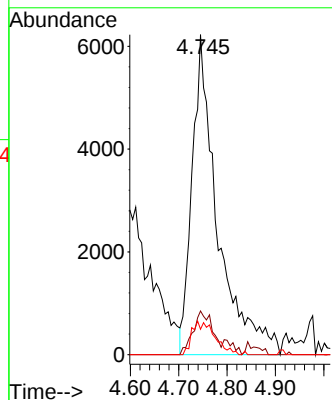
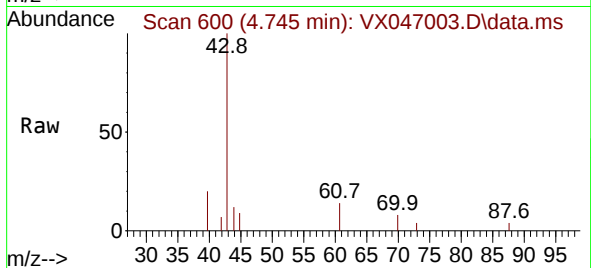
Tgt Ion: 43 Resp: 22783

Ion Ratio Lower Upper

43 100

61 10.4 9.7 14.5

70 3.8 8.3 12.5#



#43

Isopropyl Acetate

Concen: 2.425 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.018 min

Lab File: VX047003.D

Acq: 15 Jul 2025 15:41

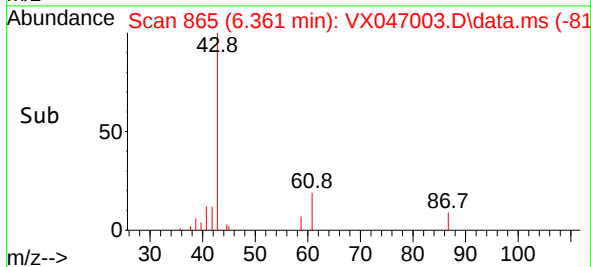
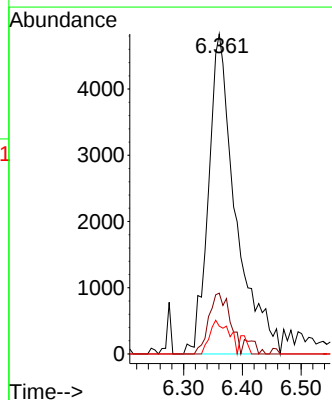
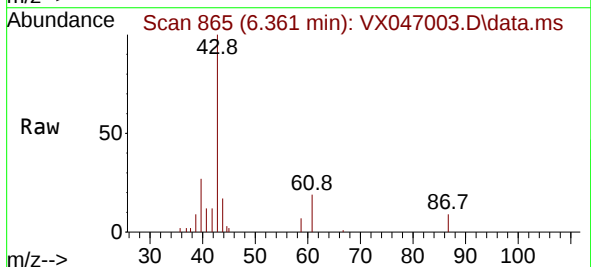
Tgt Ion: 43 Resp: 15546

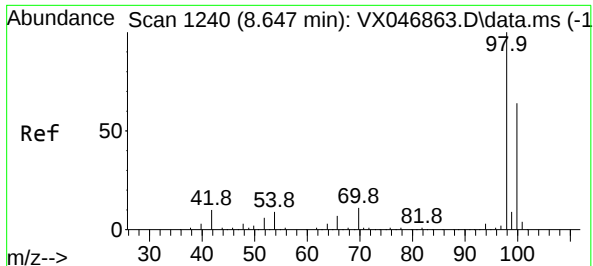
Ion Ratio Lower Upper

43 100

61 14.7 15.7 23.5#

87 7.3 10.1 15.1#

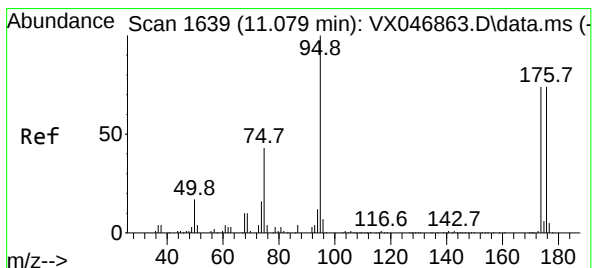
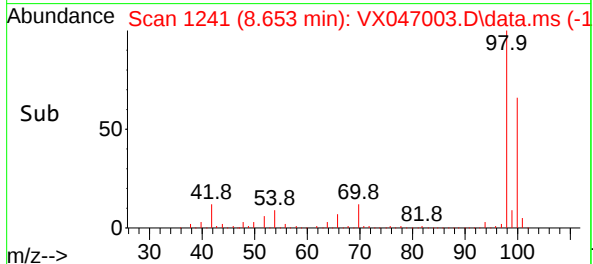
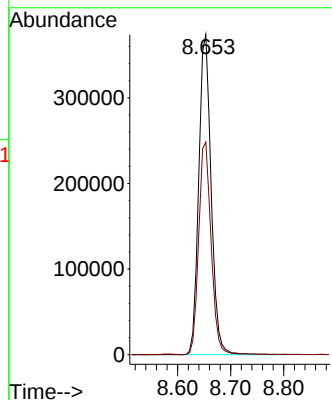
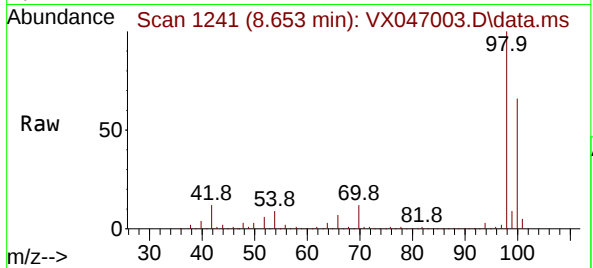




#50
Toluene-d8
Concen: 47.219 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

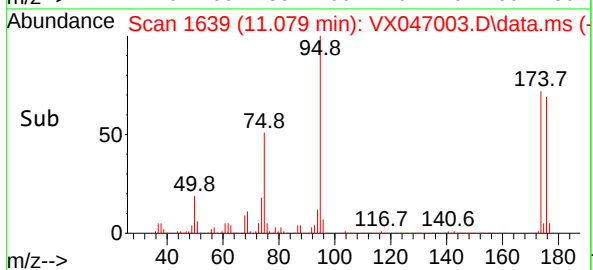
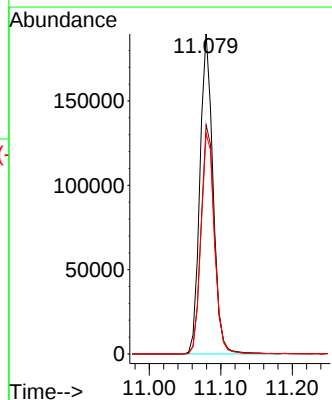
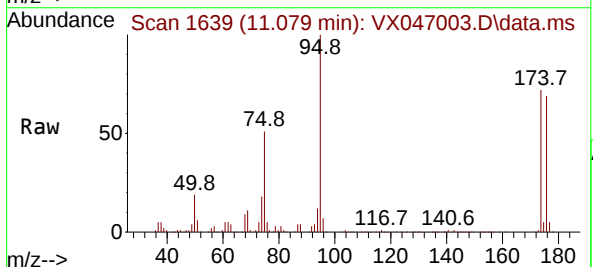
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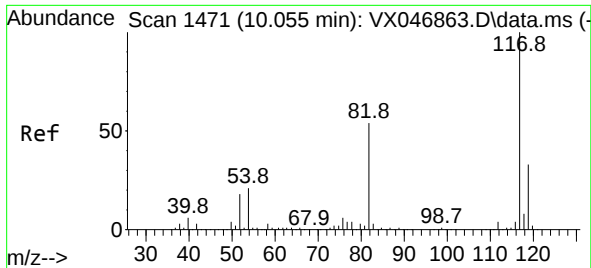
Tgt Ion: 98 Resp: 606716
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.346 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

Tgt Ion: 95 Resp: 240974
Ion Ratio Lower Upper
95 100
174 73.4 0.0 152.0
176 71.0 0.0 145.2

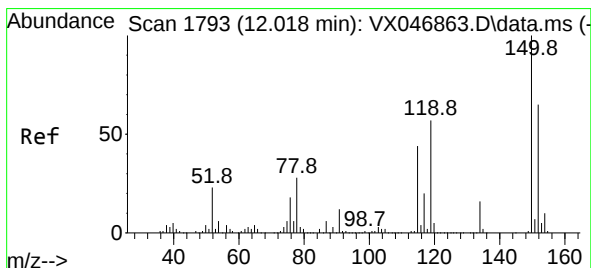
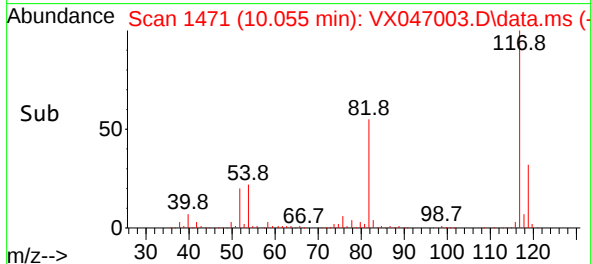
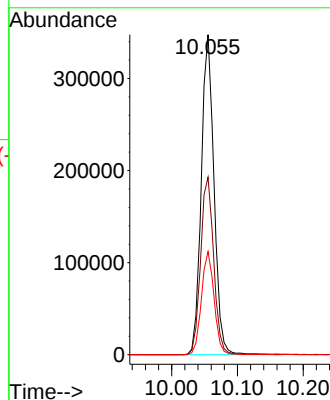
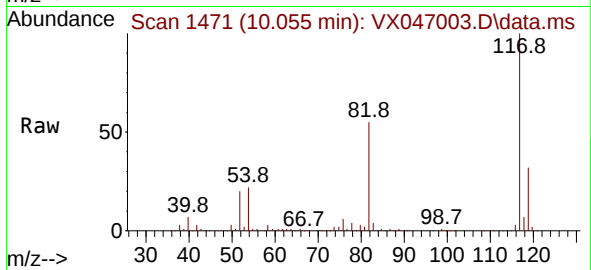




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047003.D
Acq: 15 Jul 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
TP-17

Tgt Ion:117 Resp: 466455
Ion Ratio Lower Upper
117 100
82 55.4 43.3 64.9
119 32.2 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: VX047003.D
Acq: 15 Jul 2025 15:41

Tgt Ion:152 Resp: 227747
Ion Ratio Lower Upper
152 100
115 62.3 42.4 127.1
150 159.3 0.0 349.2

