

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045810.D
 Acq On : 16 Apr 2025 16:08
 Operator : JC/MD
 Sample : Q1803-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FUEL-MONITORING

Quant Time: Apr 17 01:37:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

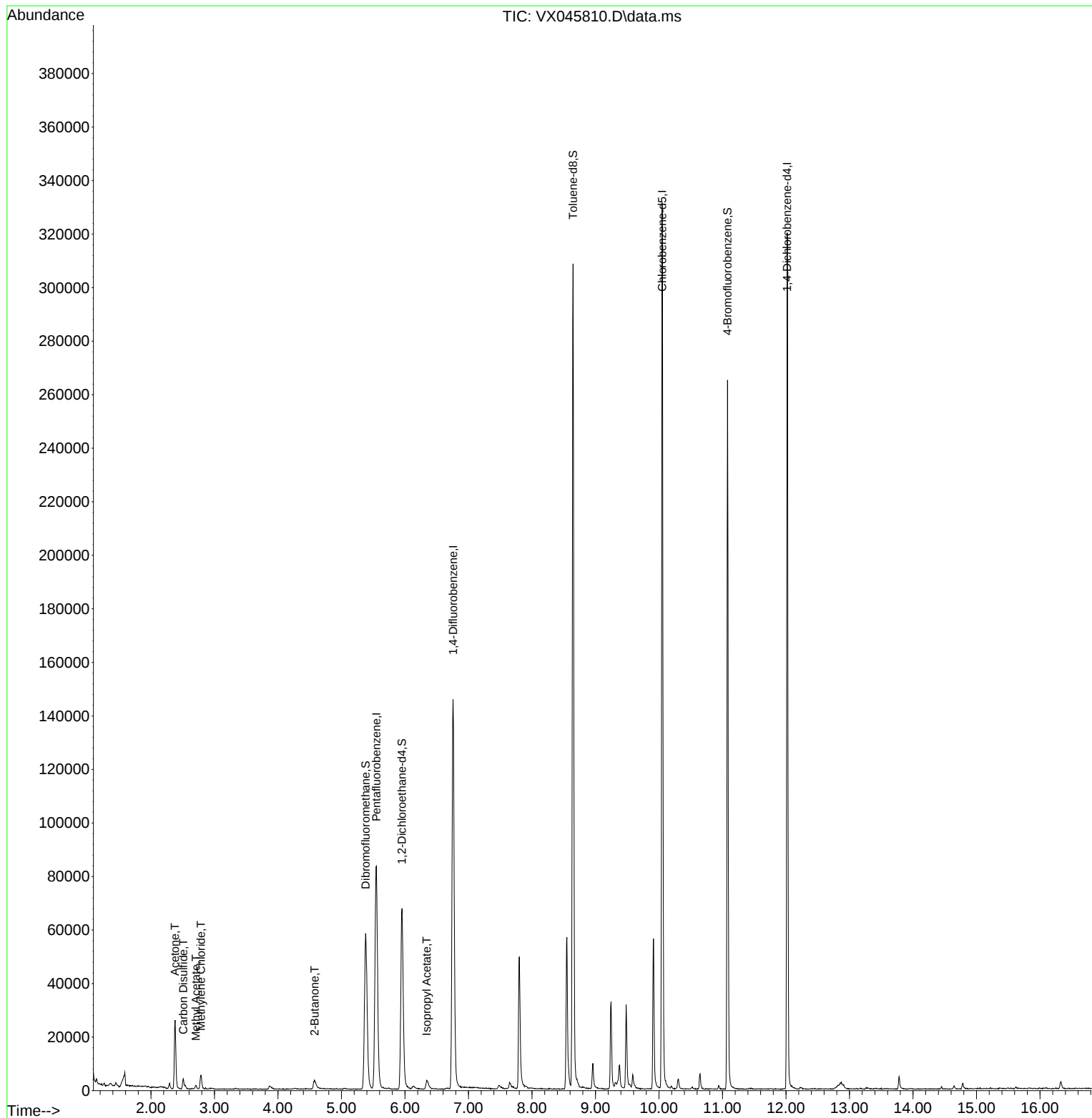
Internal Standards						
1) Pentafluorobenzene	5.550	168	70968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69285	53.386	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.780%	
35) Dibromofluoromethane	5.379	113	50773	51.488	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.980%	
50) Toluene-d8	8.647	98	177219	51.488	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	11.079	95	68378	54.540	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.080%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	28192	52.901	ug/l	97
17) Carbon Disulfide	2.508	76	4654	2.212	ug/l	100
18) Methyl Acetate	2.709	43	1720	1.402	ug/l #	90
20) Methylene Chloride	2.788	84	2464	2.470	ug/l	95
25) 2-Butanone	4.574	43	7449	9.549	ug/l	95
43) Isopropyl Acetate	6.342	43	5297	2.083	ug/l	98

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

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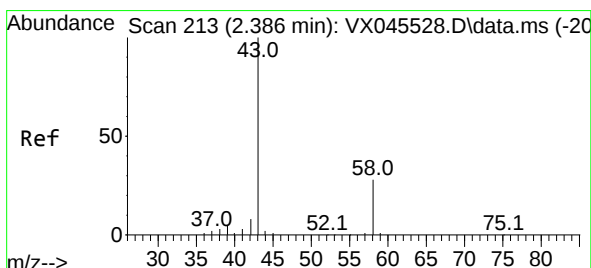
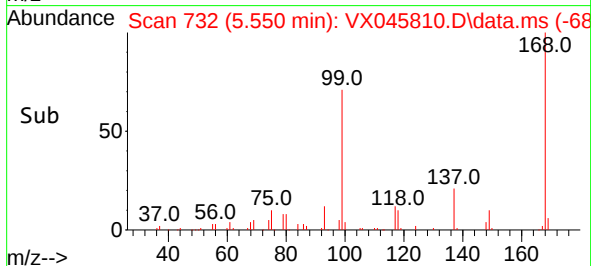
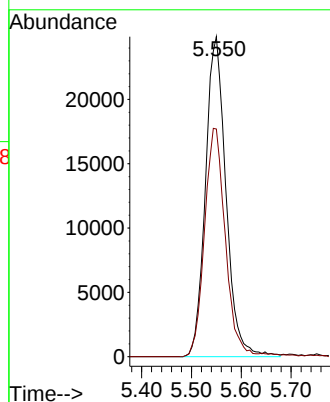
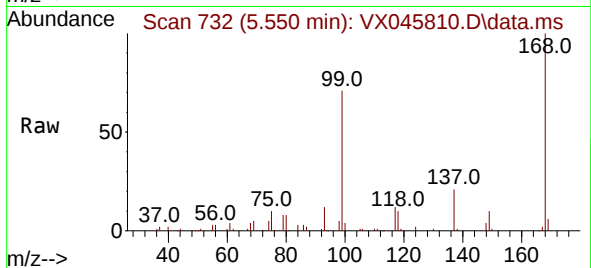




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

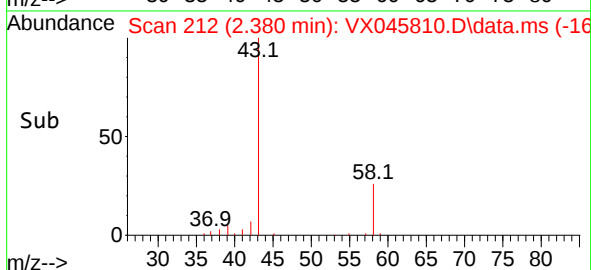
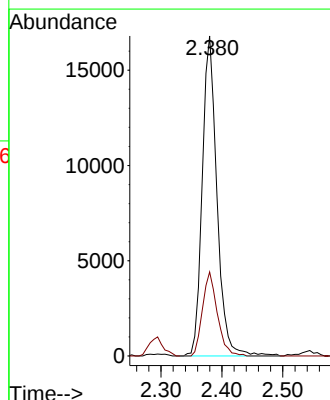
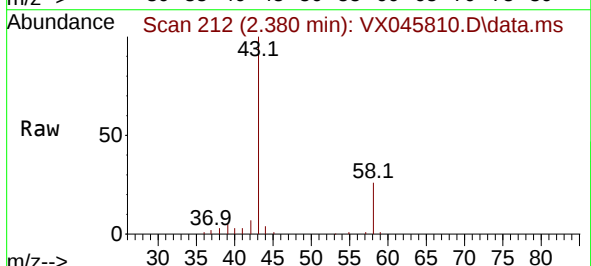
Instrument :
MSVOA_X
ClientSampleId :
FUEL-MONITORING

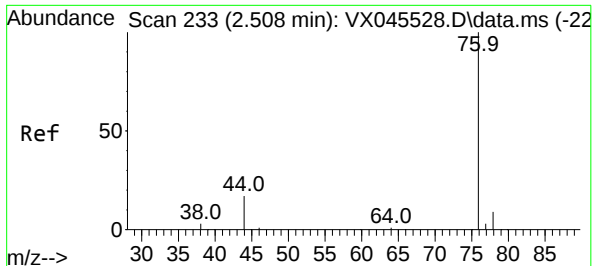
Tgt Ion:168 Resp: 70968
Ion Ratio Lower Upper
168 100
99 71.2 52.3 78.5



#16
Acetone
Concen: 52.901 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

Tgt Ion: 43 Resp: 28192
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5

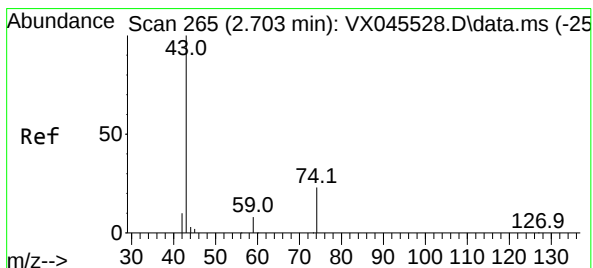
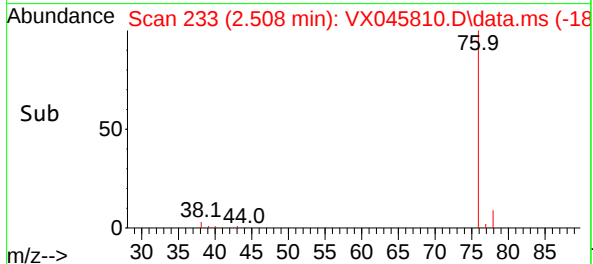
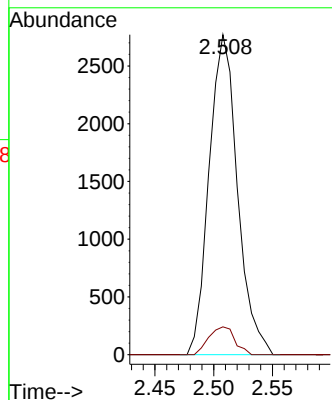
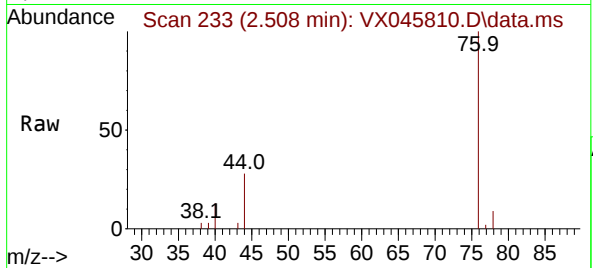




#17
Carbon Disulfide
Concen: 2.212 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

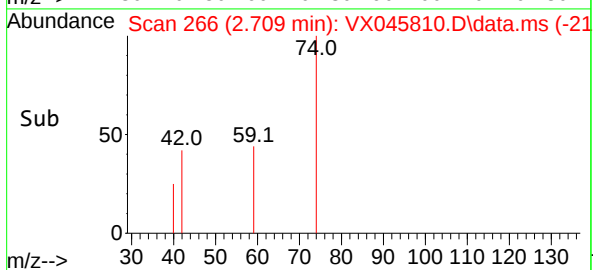
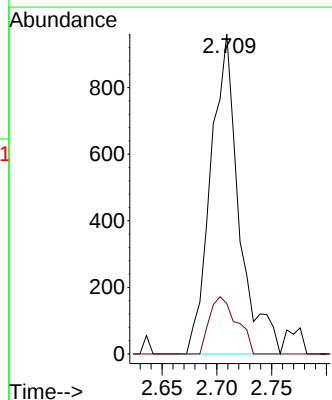
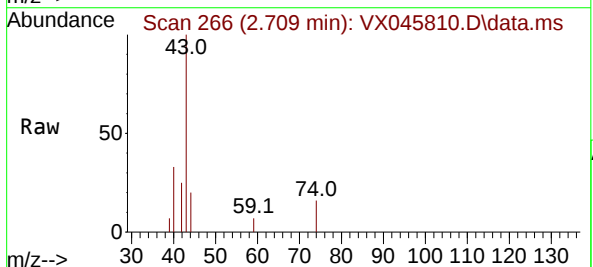
Instrument :
MSVOA_X
ClientSampleId :
FUEL-MONITORING

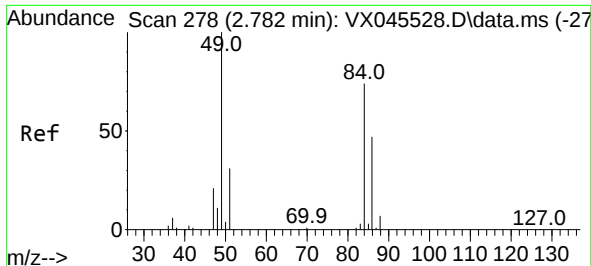
Tgt Ion: 76 Resp: 4654
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 1.402 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
74 17.2 17.5 26.3#





#20

Methylene Chloride

Concen: 2.470 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX045810.D

Acq: 16 Apr 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

FUEL-MONITORING

Tgt Ion: 84 Resp: 2464

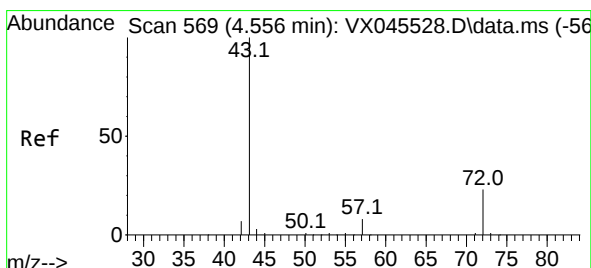
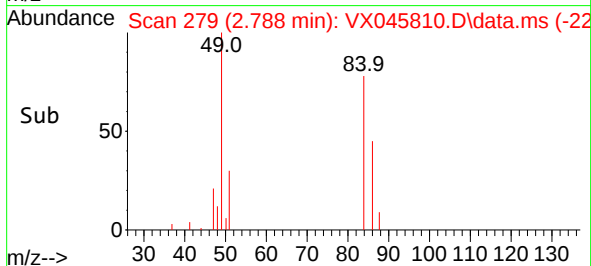
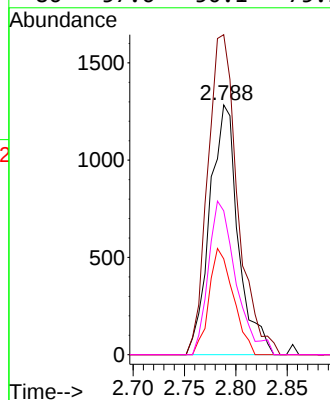
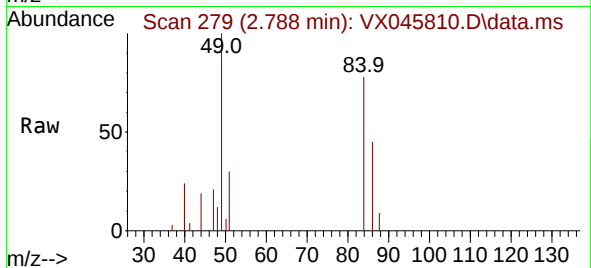
Ion Ratio Lower Upper

84 100

49 128.1 107.5 161.3

51 38.4 33.0 49.6

86 57.6 50.1 75.1



#25

2-Butanone

Concen: 9.549 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX045810.D

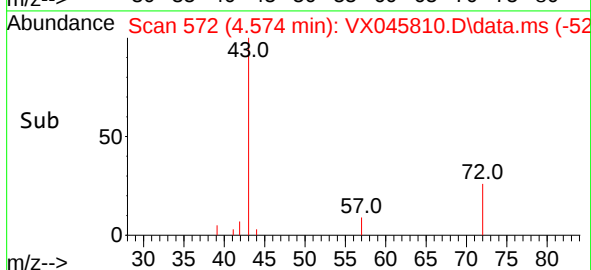
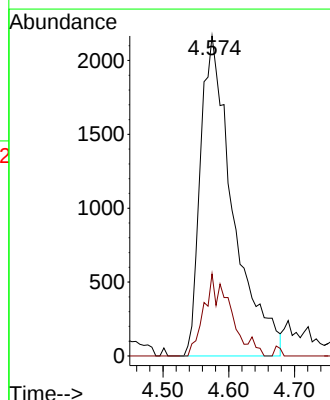
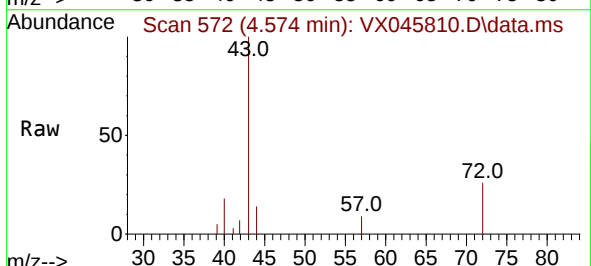
Acq: 16 Apr 2025 16:08

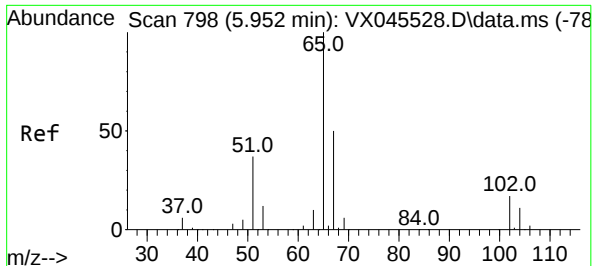
Tgt Ion: 43 Resp: 7449

Ion Ratio Lower Upper

43 100

72 25.7 18.6 28.0





#33

1,2-Dichloroethane-d4

Concen: 53.386 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045810.D

Acq: 16 Apr 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

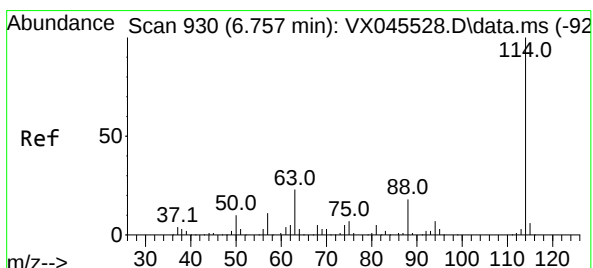
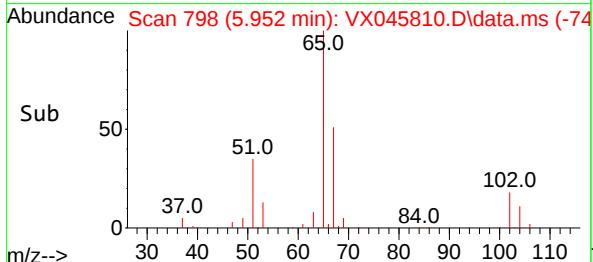
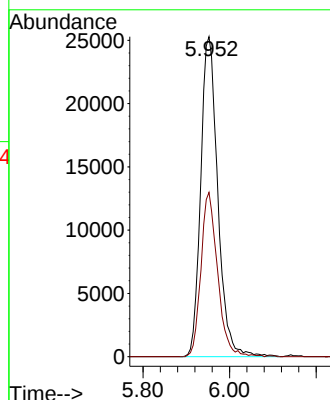
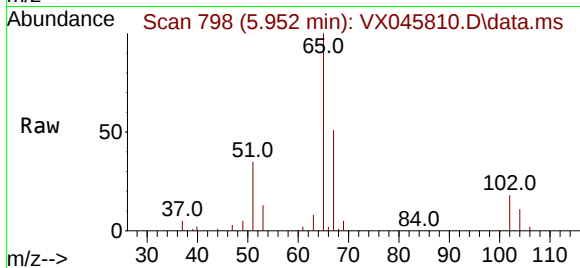
FUEL-MONITORING

Tgt Ion: 65 Resp: 69285

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045810.D

Acq: 16 Apr 2025 16:08

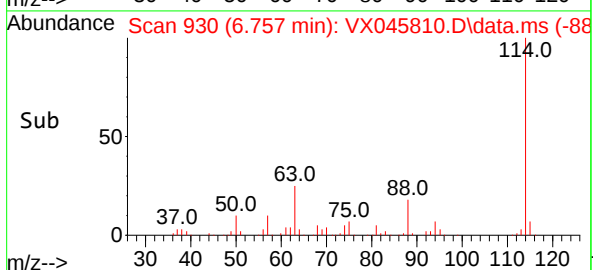
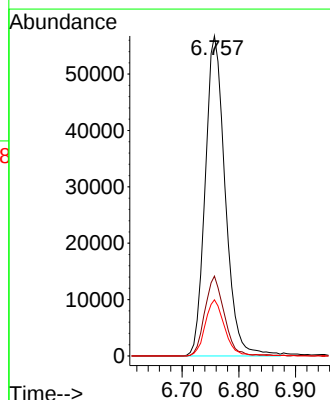
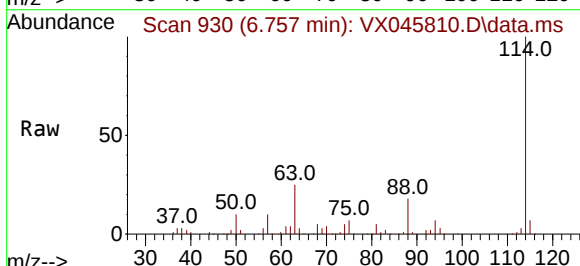
Tgt Ion: 114 Resp: 138987

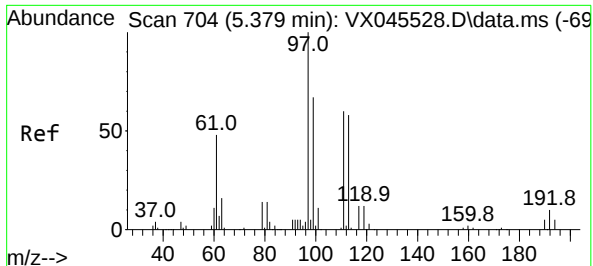
Ion Ratio Lower Upper

114 100

63 25.0 0.0 46.8

88 17.5 0.0 35.4

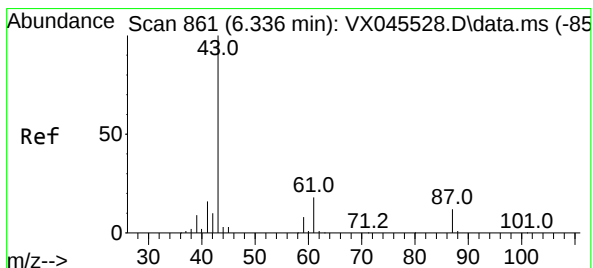
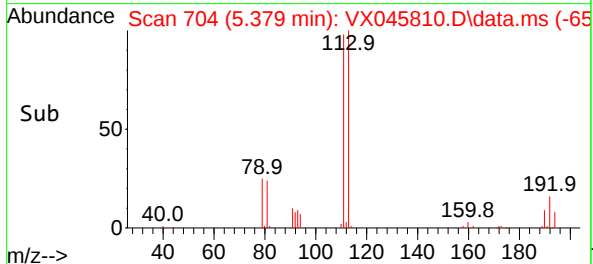
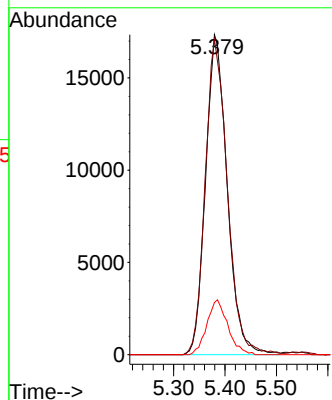
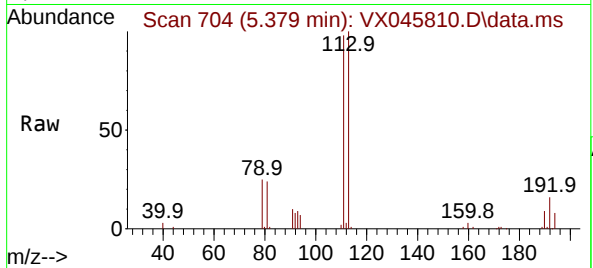




#35
Dibromofluoromethane
Concen: 51.488 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

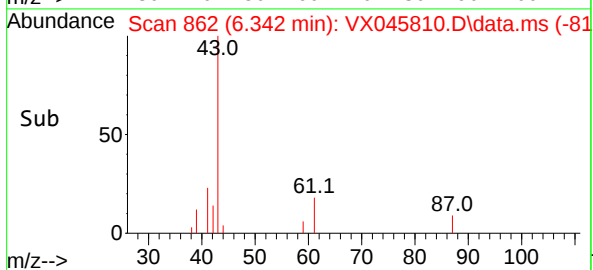
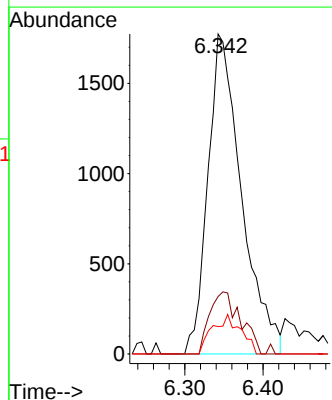
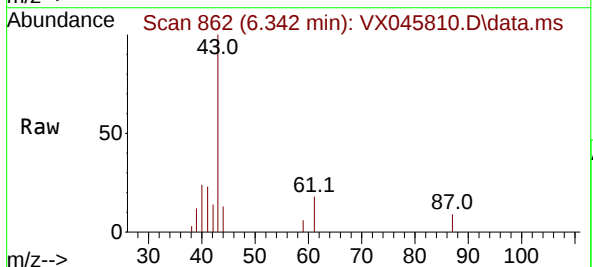
Instrument :
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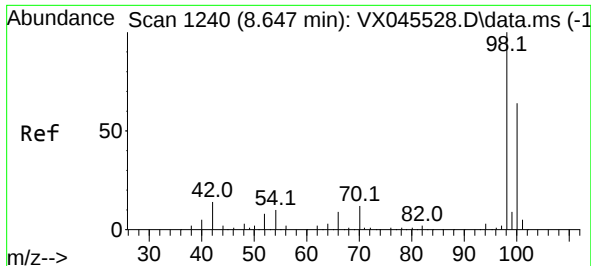
Tgt Ion:113 Resp: 50773
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.6
192 16.6 13.8 20.6



#43
Isopropyl Acetate
Concen: 2.083 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

Tgt Ion: 43 Resp: 5297
Ion Ratio Lower Upper
43 100
61 17.9 14.1 21.1
87 10.3 9.2 13.8

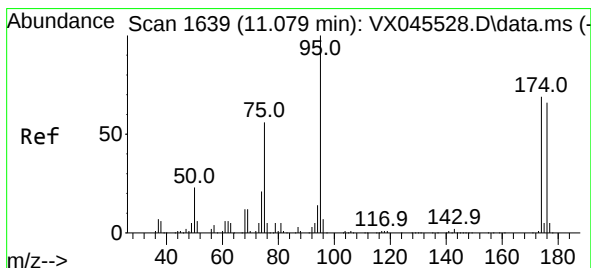
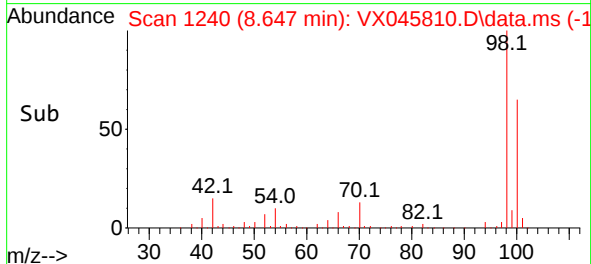
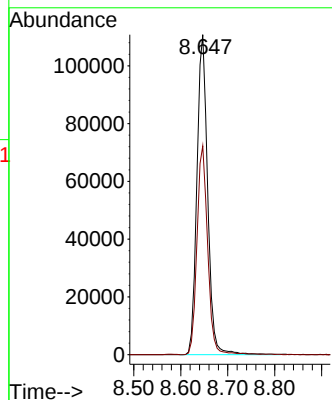
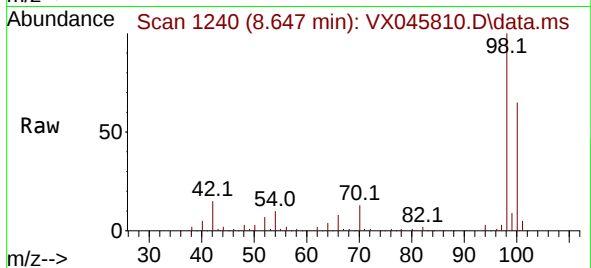




#50
Toluene-d8
Concen: 51.488 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

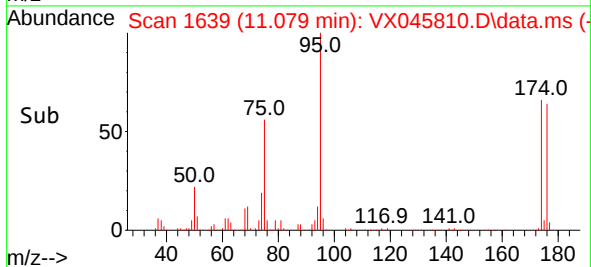
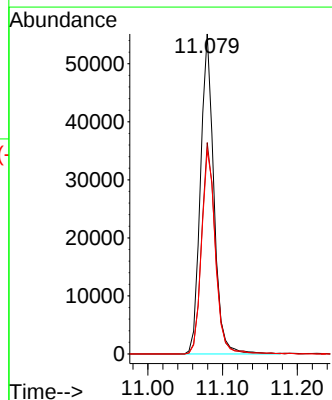
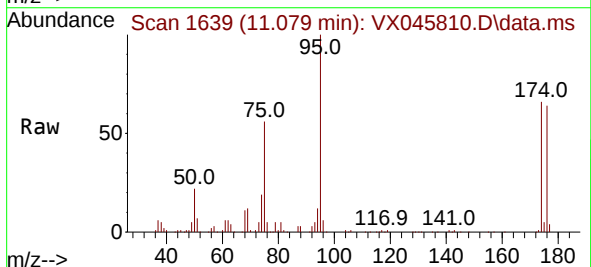
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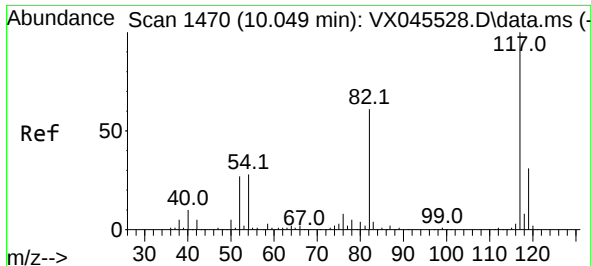
Tgt Ion: 98 Resp: 177219
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

Tgt Ion: 95 Resp: 68378
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 66.0 0.0 131.4

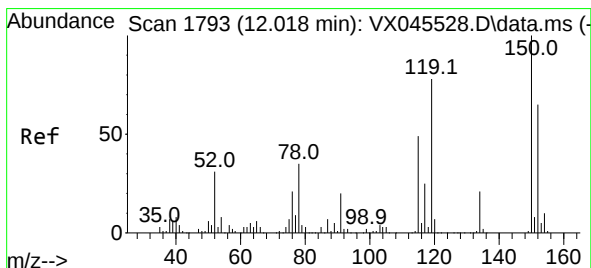
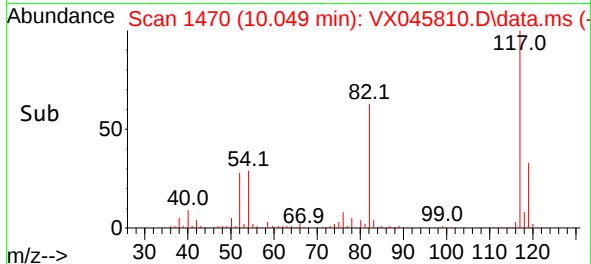
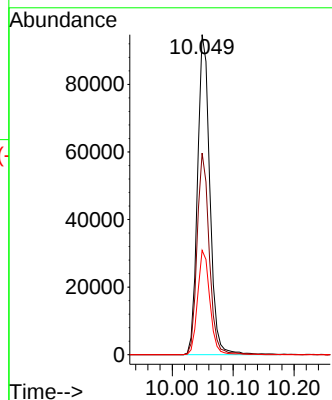
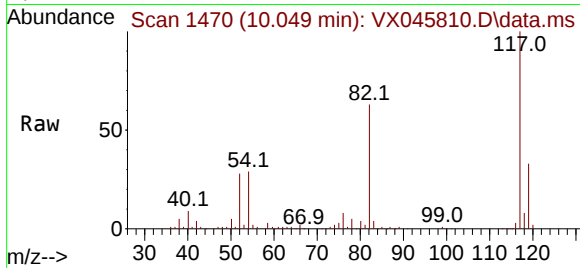




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

Instrument :
MSVOA_X
ClientSampleId :
FUEL-MONITORING

Tgt Ion:117 Resp: 132459
Ion Ratio Lower Upper
117 100
82 63.0 49.2 73.8
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045810.D
Acq: 16 Apr 2025 16:08

Tgt Ion:152 Resp: 56662
Ion Ratio Lower Upper
152 100
115 66.7 46.9 140.7
150 160.4 0.0 349.4

