

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045175.D
 Acq On : 06 Mar 2025 17:49
 Operator : JC/MD
 Sample : Q1488-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-104-SB02

Quant Time: Mar 07 00:48:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

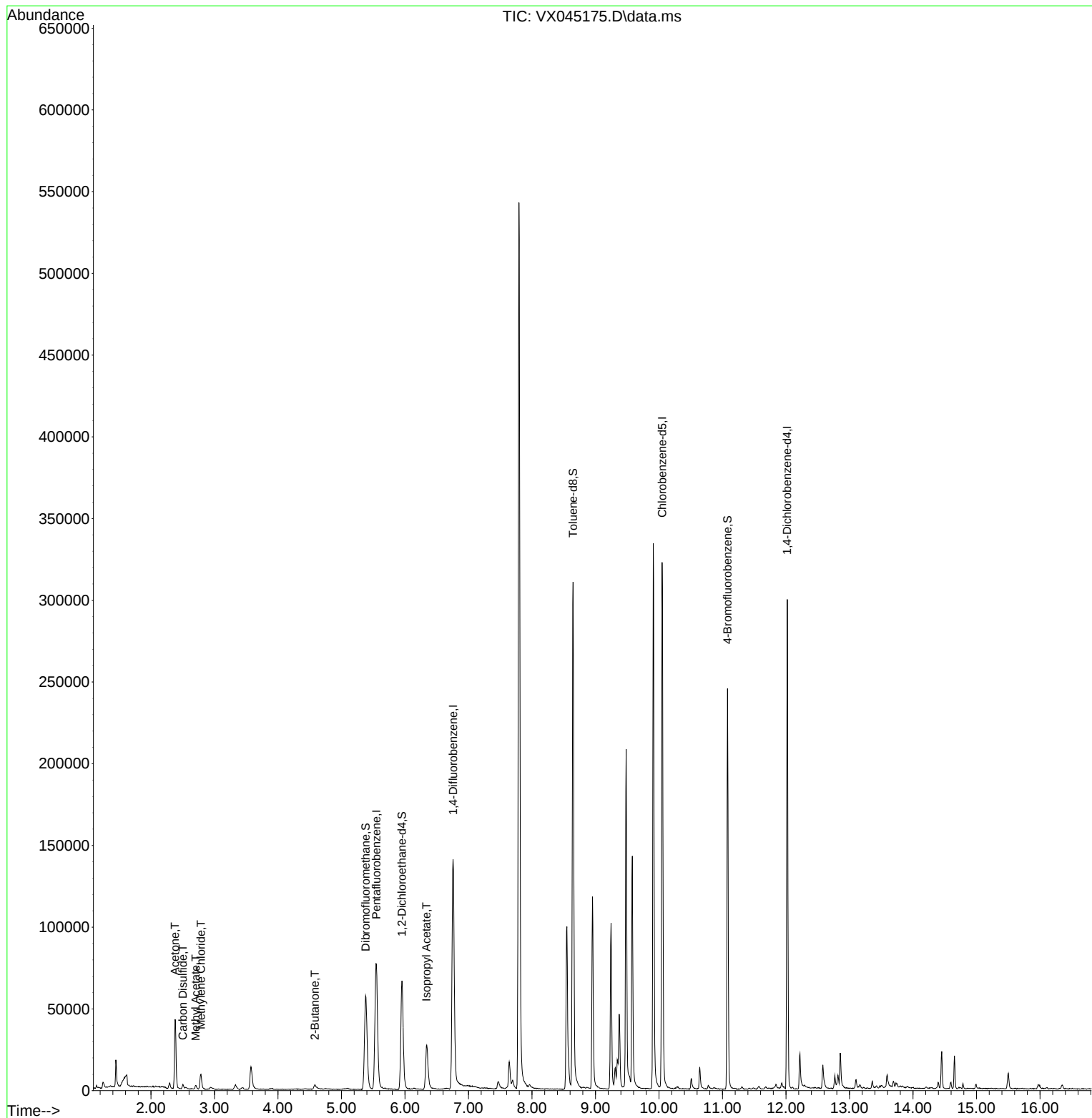
Internal Standards						
1) Pentafluorobenzene	5.550	168	75040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62508	52.368	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.740%	
35) Dibromofluoromethane	5.379	113	49589	50.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.040%	
50) Toluene-d8	8.647	98	187191	52.084	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	11.079	95	62513	52.491	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.980%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	46915	84.714	ug/l	99
17) Carbon Disulfide	2.502	76	3381	1.377	ug/l	100
18) Methyl Acetate	2.703	43	3232	2.426	ug/l	93
20) Methylene Chloride	2.788	84	4495	4.097	ug/l	93
25) 2-Butanone	4.581	43	5655	6.784	ug/l	91
43) Isopropyl Acetate	6.336	43	40419	15.603	ug/l	97

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
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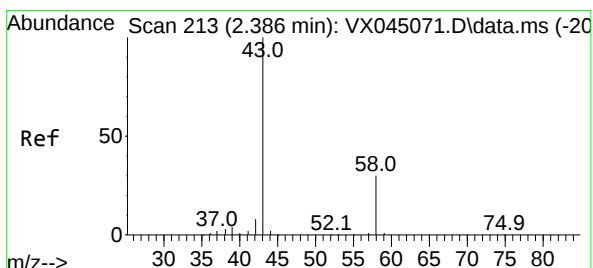
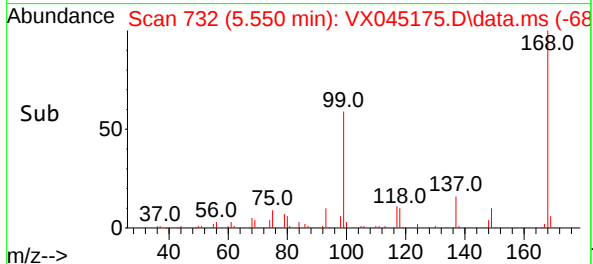
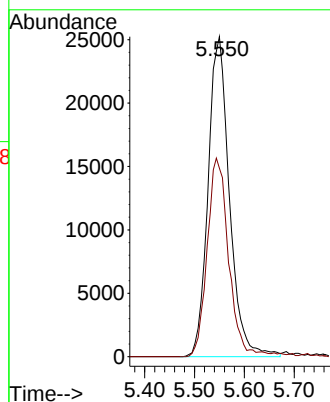
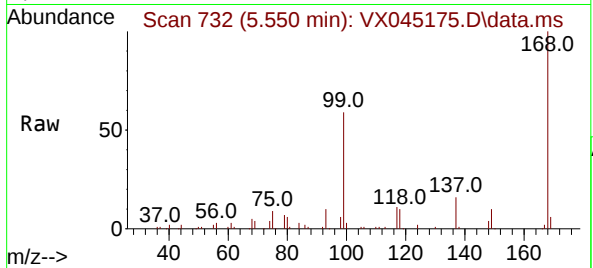




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045175.D
Acq: 06 Mar 2025 17:49

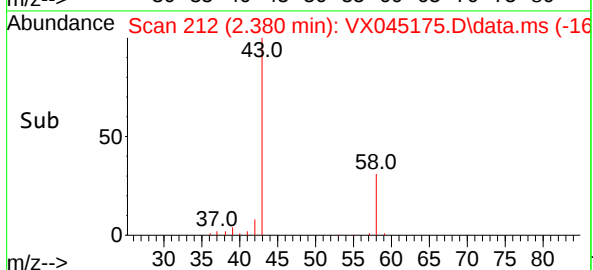
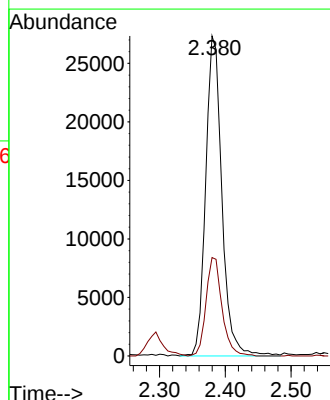
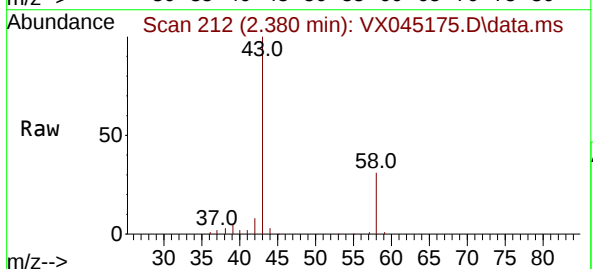
Instrument :
MSVOA_X
ClientSampleId :
ENV-104-SB02

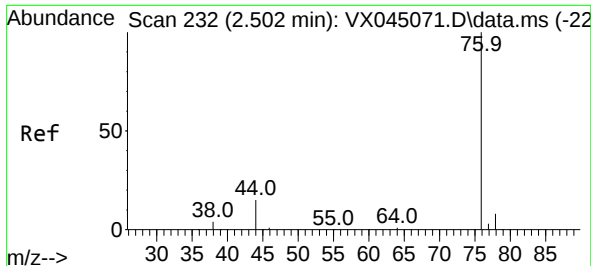
Tgt Ion:168 Resp: 75040
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#16
Acetone
Concen: 84.714 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045175.D
Acq: 06 Mar 2025 17:49

Tgt Ion: 43 Resp: 46915
Ion Ratio Lower Upper
43 100
58 30.8 24.2 36.4

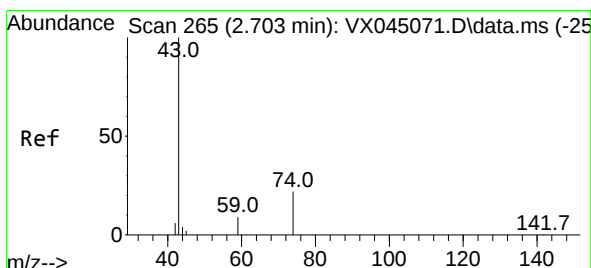
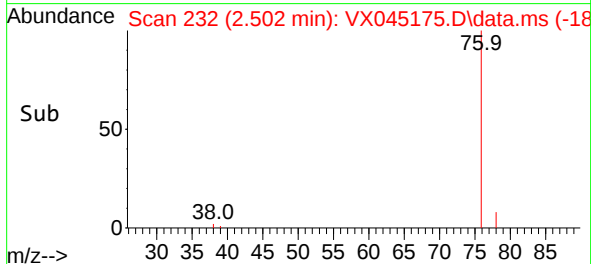
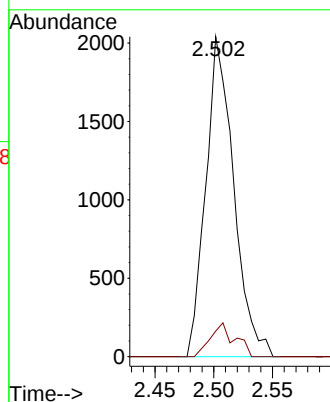
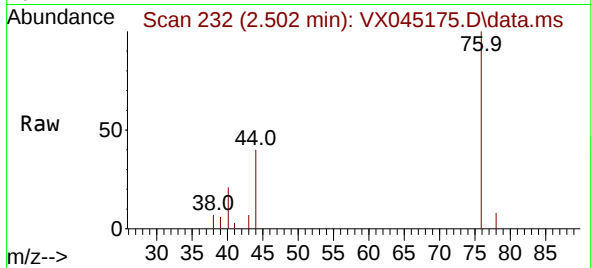




#17
Carbon Disulfide
Concen: 1.377 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045175.D
Acq: 06 Mar 2025 17:49

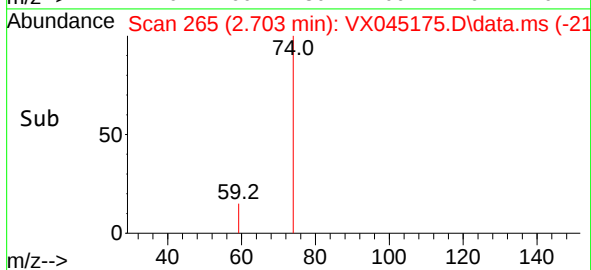
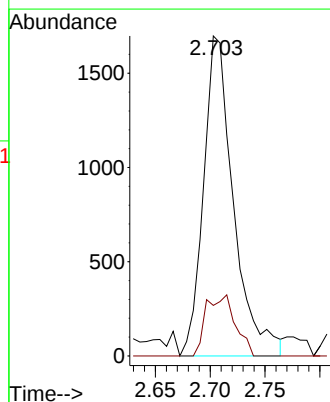
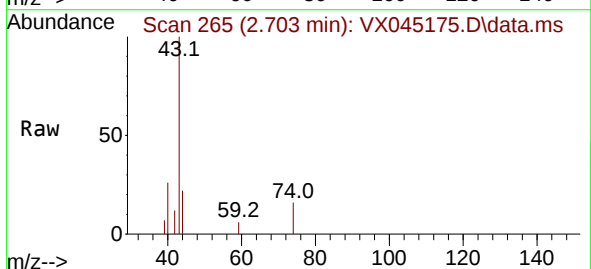
Instrument :
MSVOA_X
ClientSampleId :
ENV-104-SB02

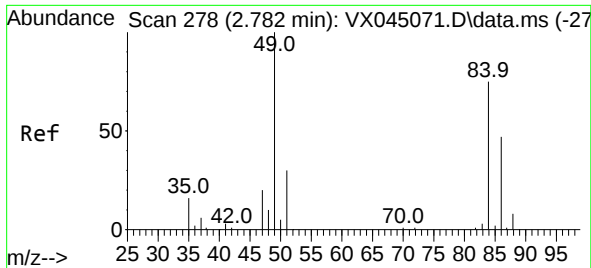
Tgt Ion: 76 Resp: 3381
Ion Ratio Lower Upper
76 100
78 8.0 6.6 9.8



#18
Methyl Acetate
Concen: 2.426 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045175.D
Acq: 06 Mar 2025 17:49

Tgt Ion: 43 Resp: 3232
Ion Ratio Lower Upper
43 100
74 18.6 17.4 26.2

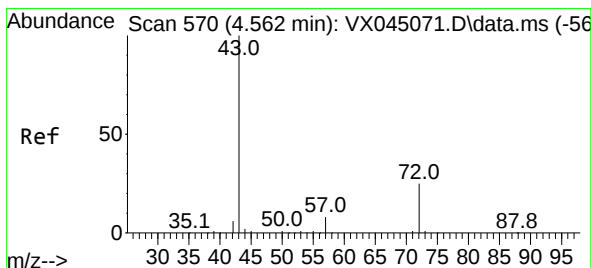
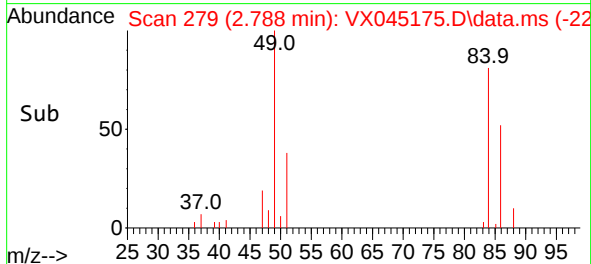
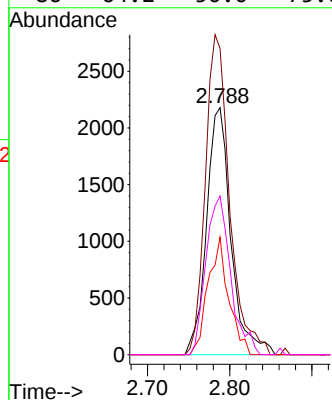
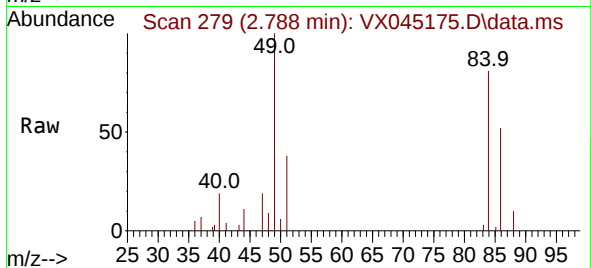




#20
Methylene Chloride
Concen: 4.097 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045175.D
Acq: 06 Mar 2025 17:49

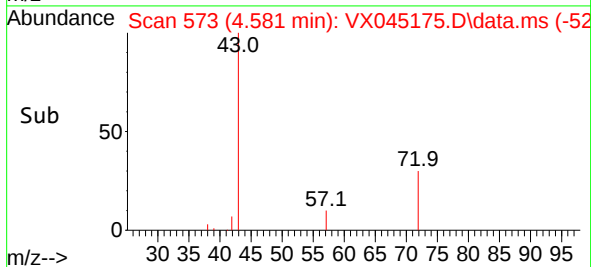
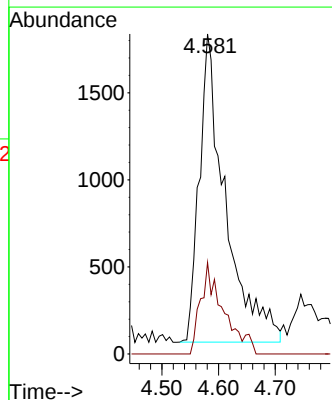
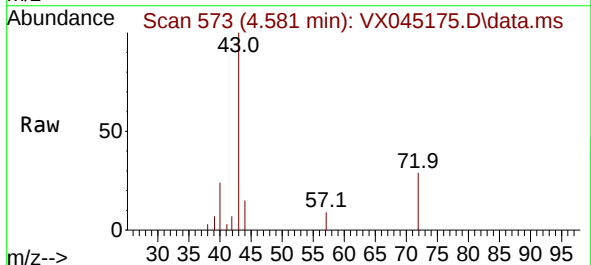
Instrument :
MSVOA_X
ClientSampleId :
ENV-104-SB02

Tgt Ion:	84	Resp:	4495
Ion	Ratio	Lower	Upper
84	100		
49	124.0	106.5	159.7
51	47.5	32.1	48.1
86	64.2	50.0	75.0



#25
2-Butanone
Concen: 6.784 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX045175.D
Acq: 06 Mar 2025 17:49

Tgt Ion:	43	Resp:	5655
Ion	Ratio	Lower	Upper
43	100		
72	29.7	20.0	30.0





#33

1,2-Dichloroethane-d4

Concen: 52.368 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045175.D

Acq: 06 Mar 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

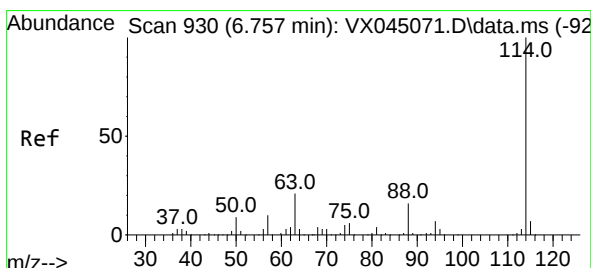
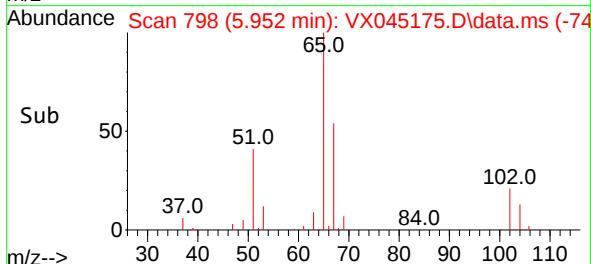
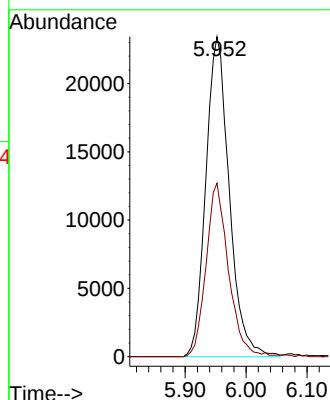
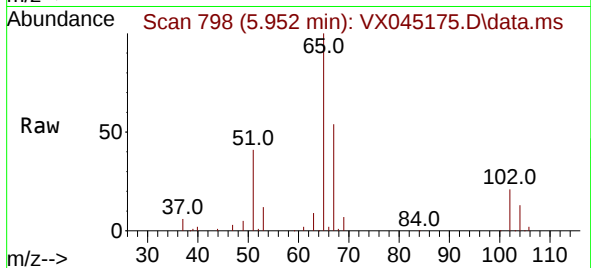
ENV-104-SB02

Tgt Ion: 65 Resp: 62508

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045175.D

Acq: 06 Mar 2025 17:49

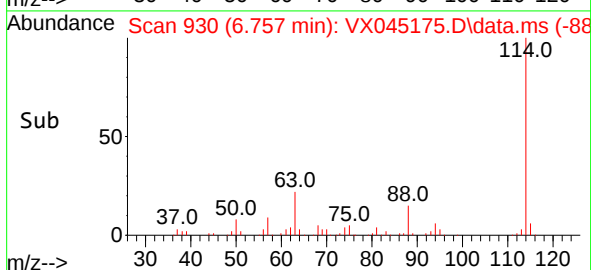
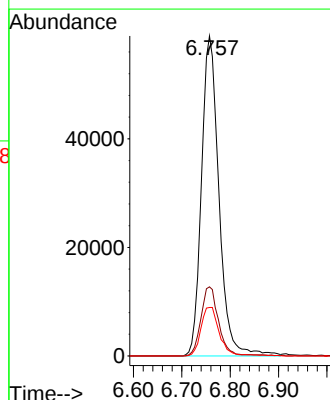
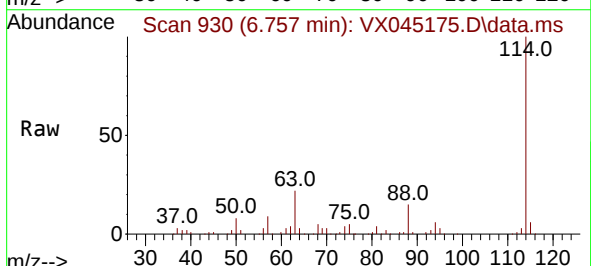
Tgt Ion: 114 Resp: 148256

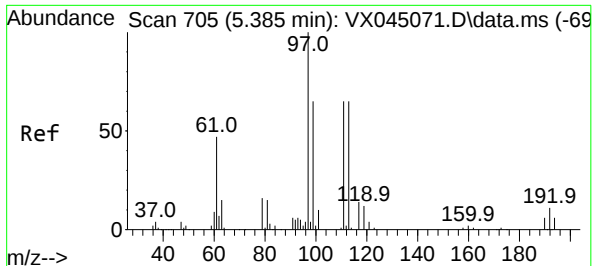
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 15.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.022 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045175.D

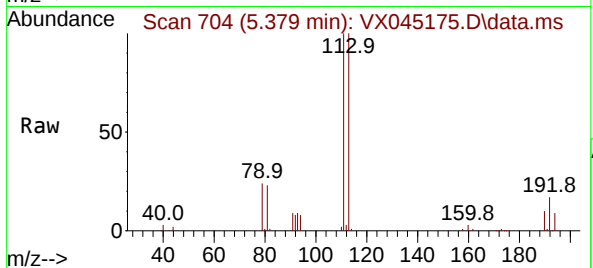
Acq: 06 Mar 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

ENV-104-SB02



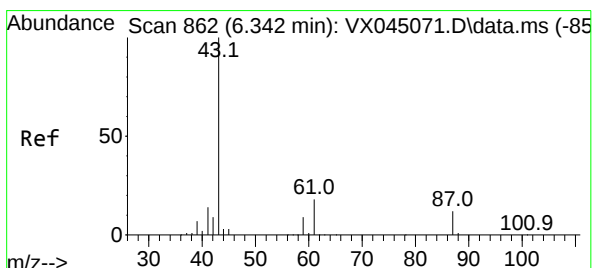
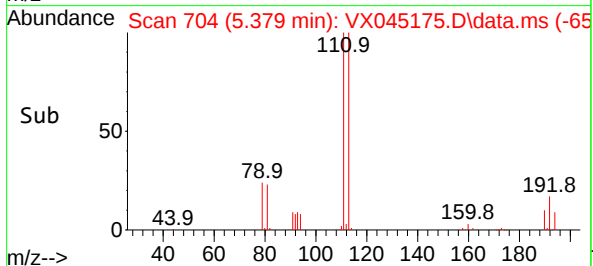
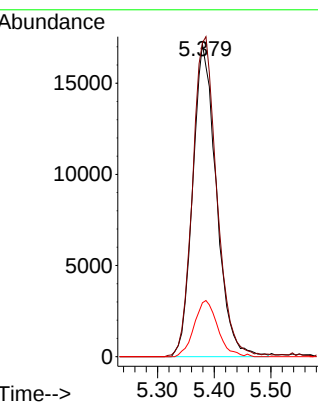
Tgt Ion:113 Resp: 49589

Ion Ratio Lower Upper

113 100

111 105.2 81.8 122.6

192 18.0 14.3 21.5



#43

Isopropyl Acetate

Concen: 15.603 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX045175.D

Acq: 06 Mar 2025 17:49

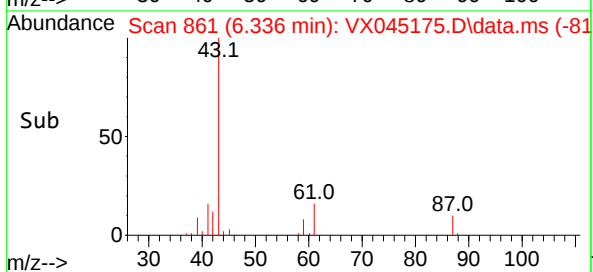
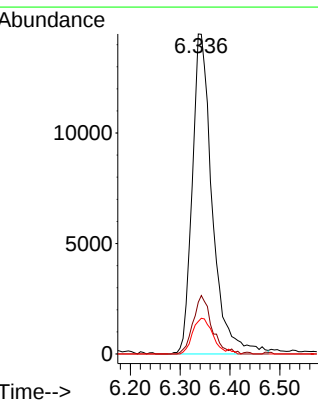
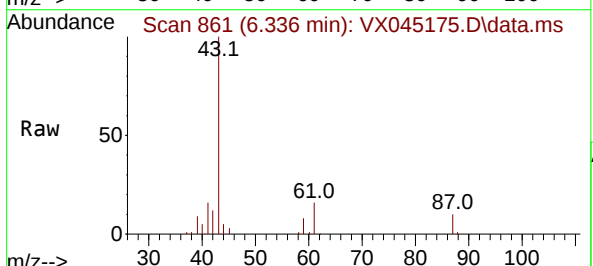
Tgt Ion: 43 Resp: 40419

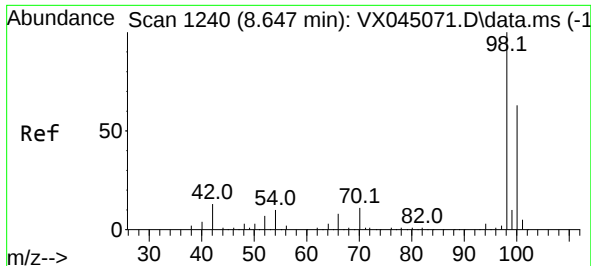
Ion Ratio Lower Upper

43 100

61 17.0 14.9 22.3

87 11.4 9.4 14.2

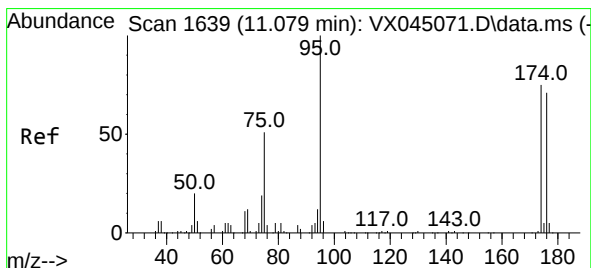
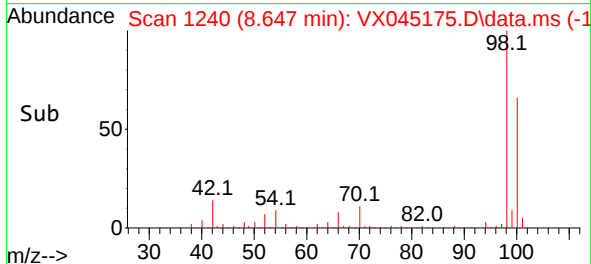
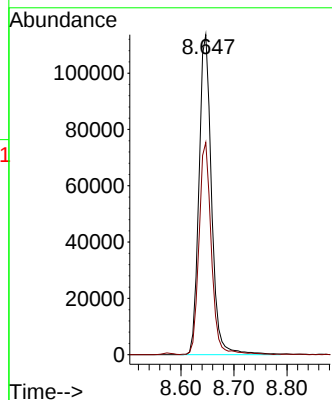
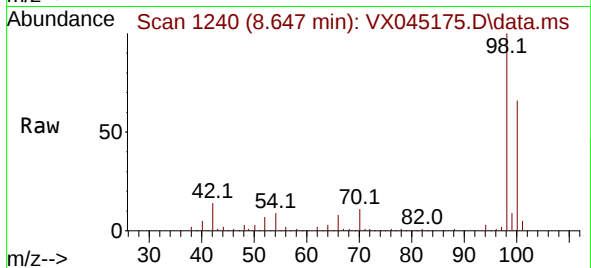




#50
Toluene-d8
Concen: 52.084 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045175.D
Acq: 06 Mar 2025 17:49

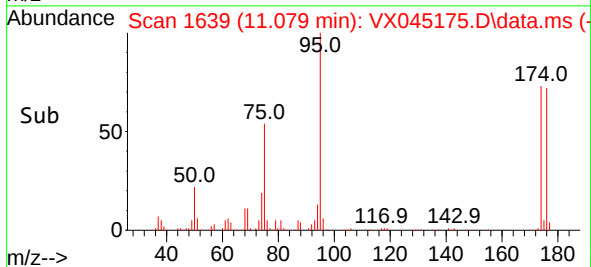
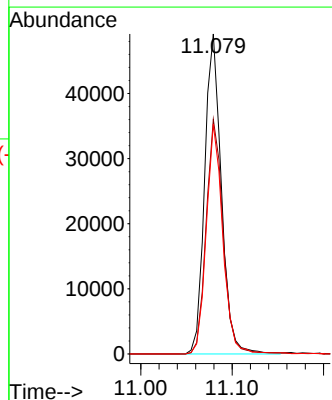
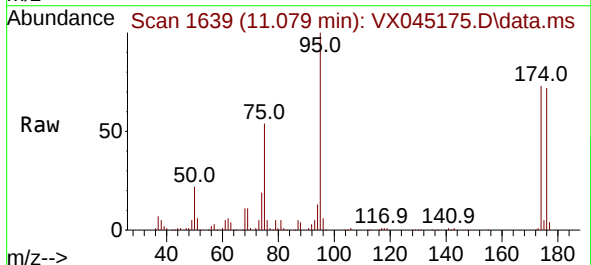
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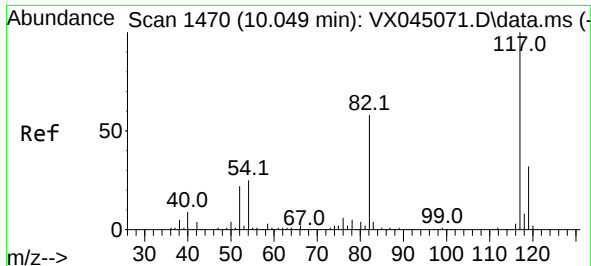
Tgt Ion: 98 Resp: 187191
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.491 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045175.D
Acq: 06 Mar 2025 17:49

Tgt Ion: 95 Resp: 62513
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.2
176 70.9 0.0 141.4

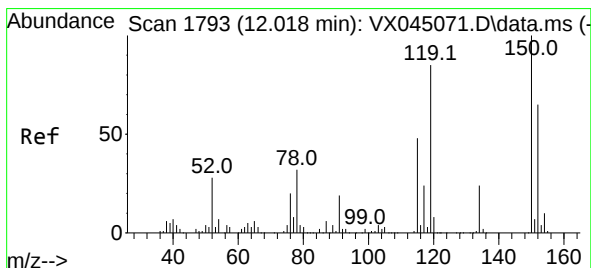
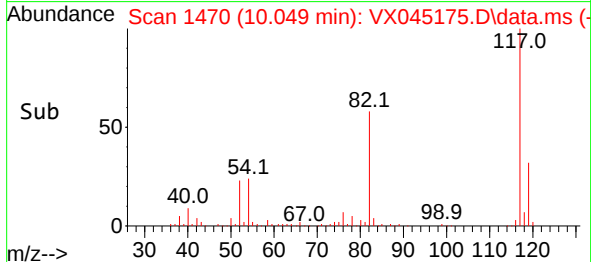
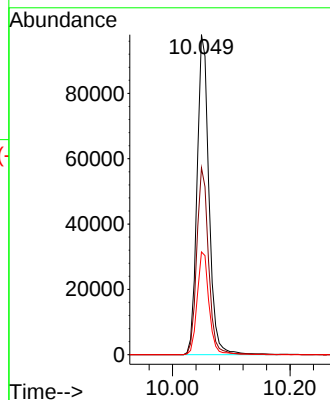
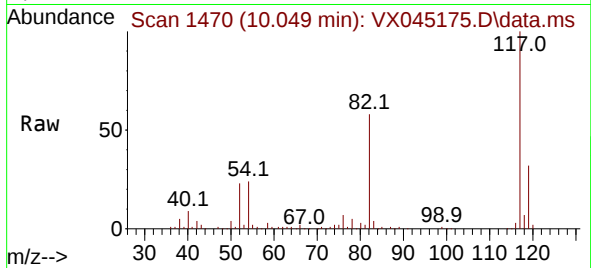




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045175.D
Acq: 06 Mar 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 137450
Ion Ratio Lower Upper
117 100
82 58.4 46.3 69.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045175.D
Acq: 06 Mar 2025 17:49

Tgt Ion:152 Resp: 56384
Ion Ratio Lower Upper
152 100
115 60.7 44.2 132.6
150 158.4 0.0 349.0

