

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045173.D
 Acq On : 06 Mar 2025 17:02
 Operator : JC/MD
 Sample : Q1488-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-102-SB02

Quant Time: Mar 07 00:47:29 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)

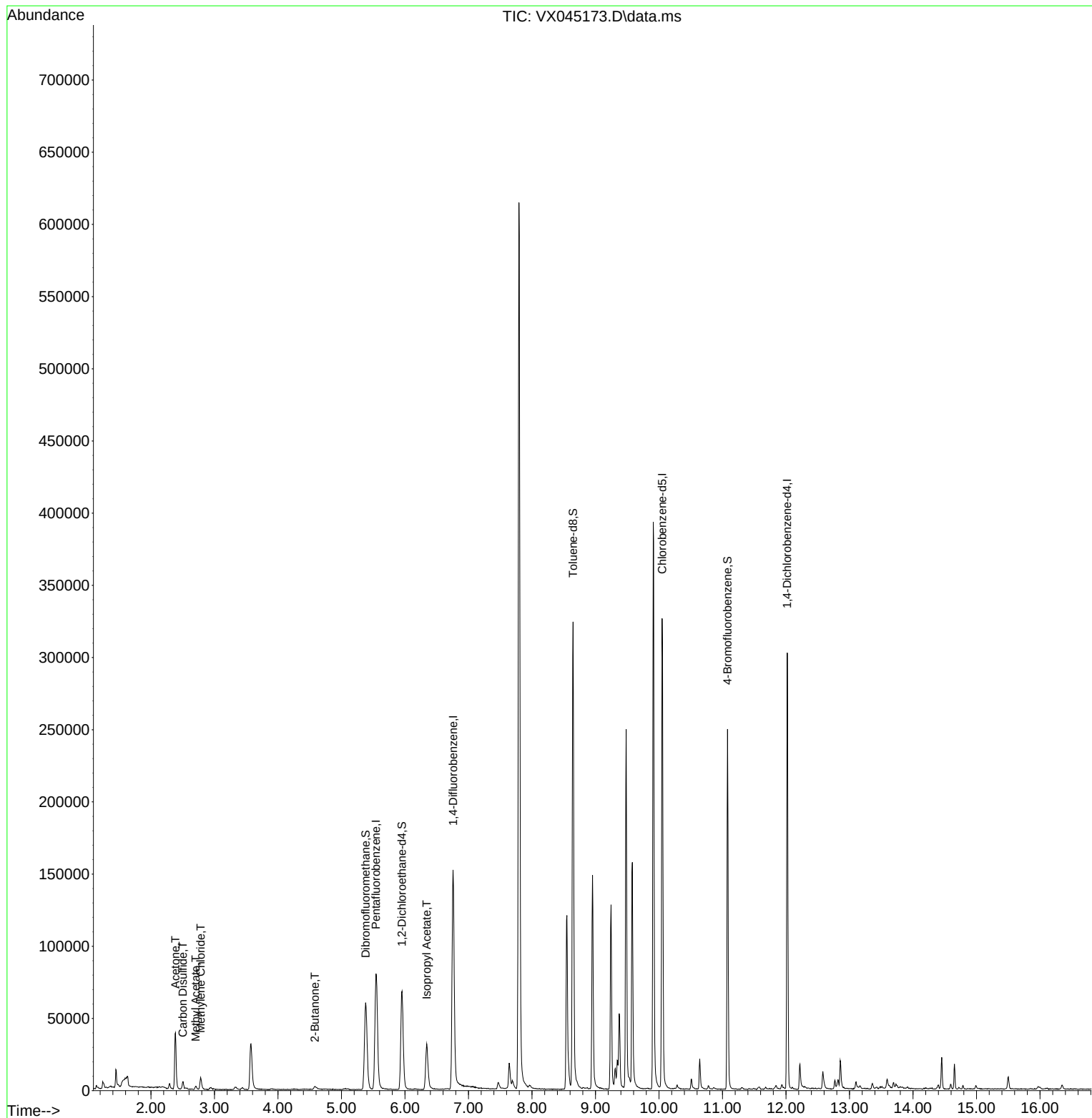
Internal Standards						
1) Pentafluorobenzene	5.544	168	76581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65182	53.510	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.020%		
35) Dibromofluoromethane	5.379	113	53310	51.081	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.160%		
50) Toluene-d8	8.647	98	192112	50.775	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.560%		
62) 4-Bromofluorobenzene	11.079	95	63691	50.800	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.600%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	43224	76.479	ug/l	98
17) Carbon Disulfide	2.502	76	7102	2.834	ug/l	96
18) Methyl Acetate	2.703	43	2846	2.093	ug/l	93
20) Methylene Chloride	2.782	84	3846	3.435	ug/l #	89
25) 2-Butanone	4.581	43	4831	5.679	ug/l	99
43) Isopropyl Acetate	6.342	43	45924	16.840	ug/l	99

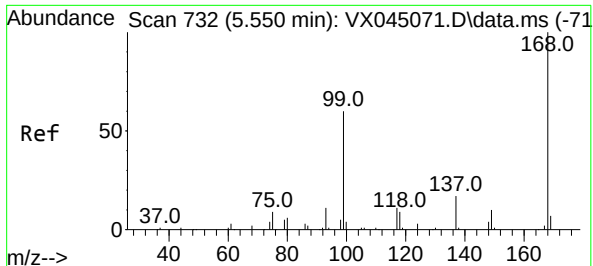
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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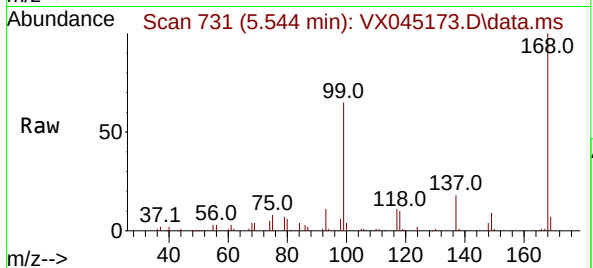
Quant Time: Mar 07 00:47:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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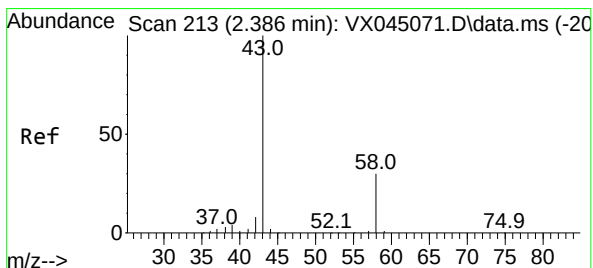
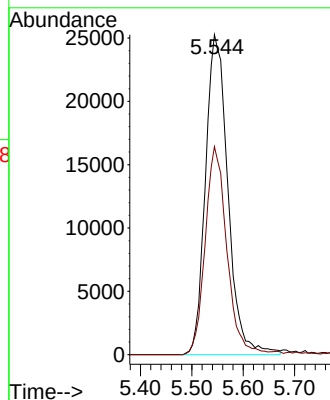
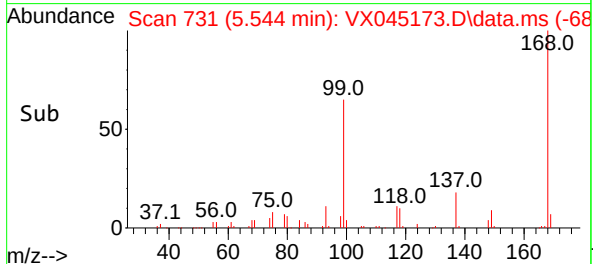


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045173.D
Acq: 06 Mar 2025 17:02

Instrument :
MSVOA_X
ClientSampleId :
ENV-102-SB02

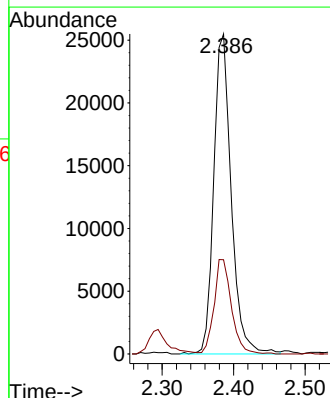
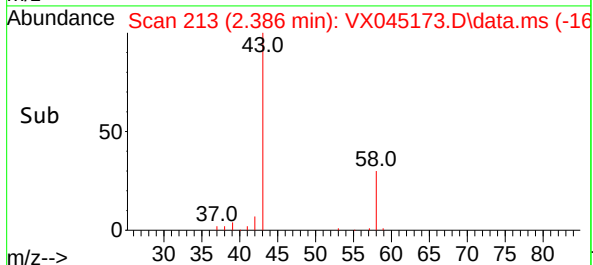
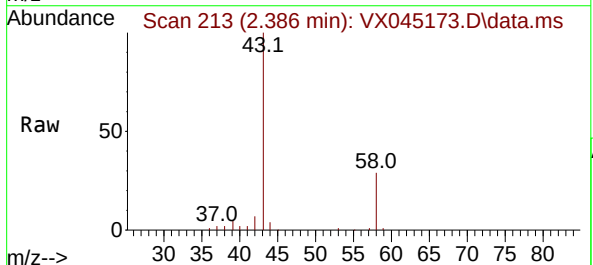


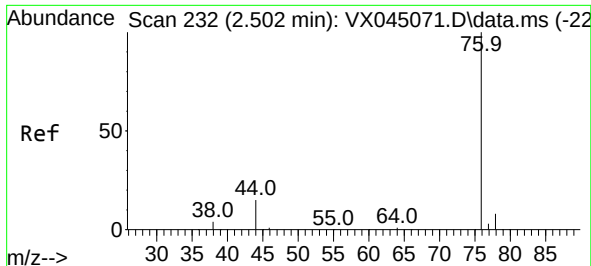
Tgt Ion:168 Resp: 76581
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#16
Acetone
Concen: 76.479 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045173.D
Acq: 06 Mar 2025 17:02

Tgt Ion: 43 Resp: 43224
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.4

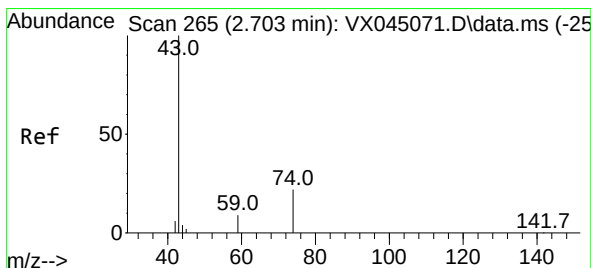
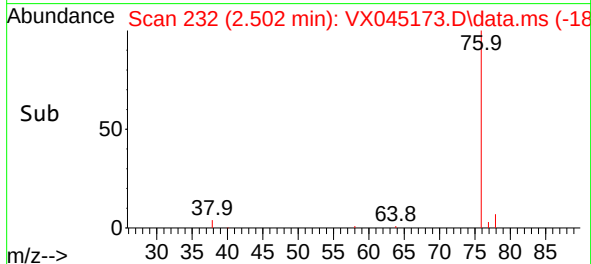
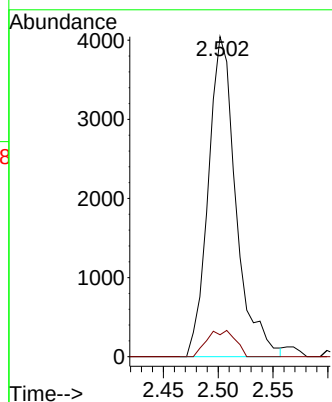
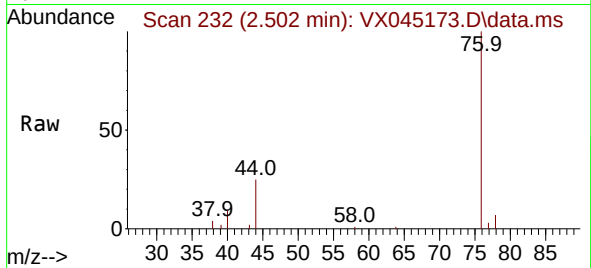




#17
Carbon Disulfide
Concen: 2.834 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045173.D
Acq: 06 Mar 2025 17:02

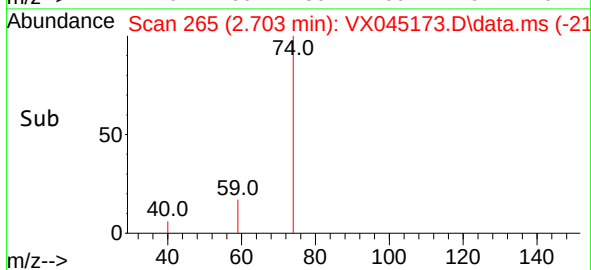
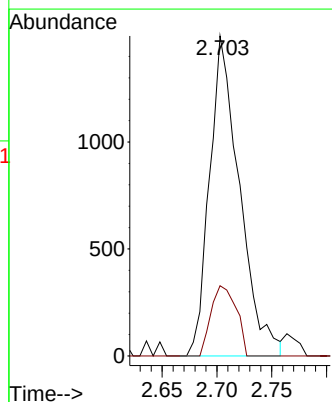
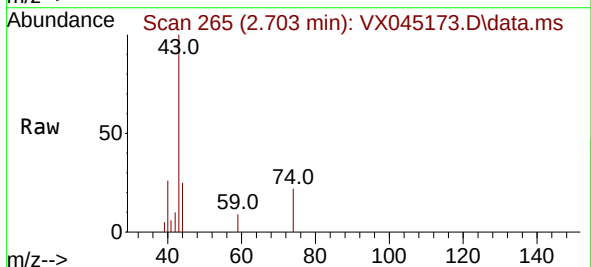
Instrument :
MSVOA_X
ClientSampleId :
ENV-102-SB02

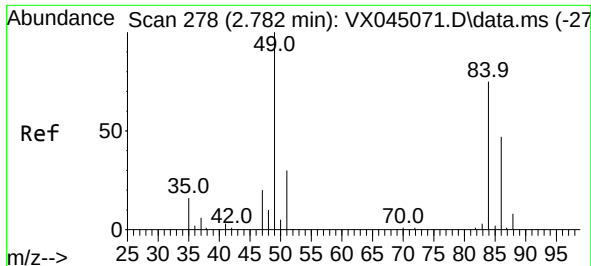
Tgt Ion: 76 Resp: 7102
Ion Ratio Lower Upper
76 100
78 6.8 6.6 9.8



#18
Methyl Acetate
Concen: 2.093 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045173.D
Acq: 06 Mar 2025 17:02

Tgt Ion: 43 Resp: 2846
Ion Ratio Lower Upper
43 100
74 18.4 17.4 26.2

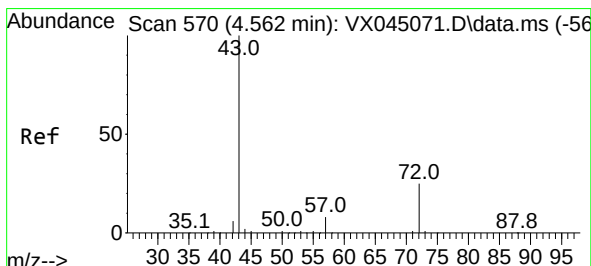
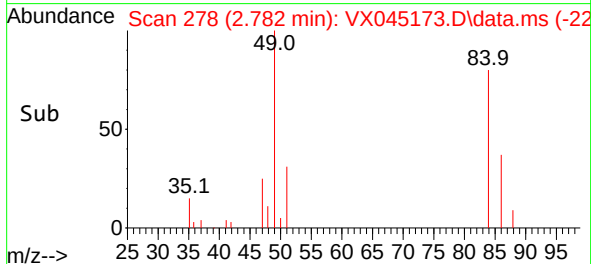
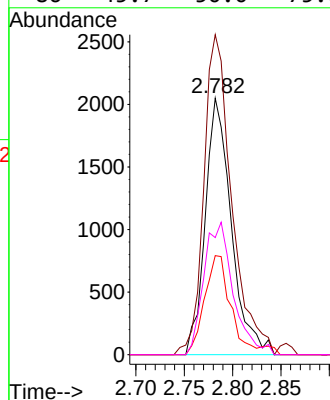
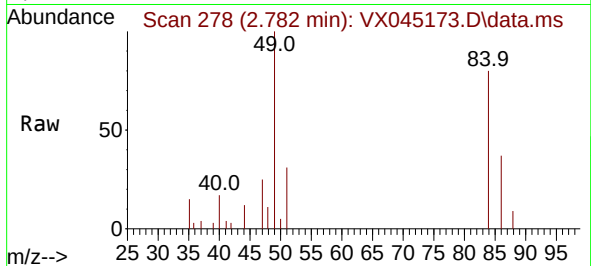




#20
Methylene Chloride
Concen: 3.435 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045173.D
Acq: 06 Mar 2025 17:02

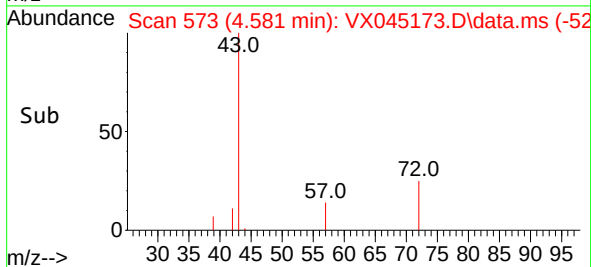
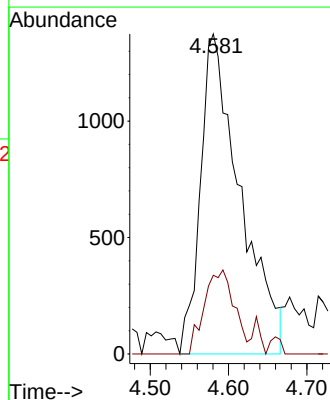
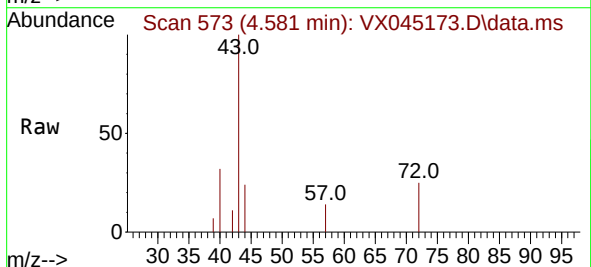
Instrument :
MSVOA_X
ClientSampleId :
ENV-102-SB02

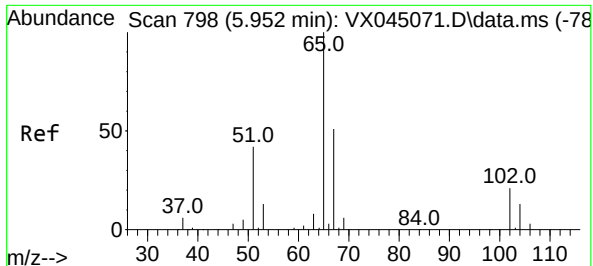
Tgt Ion:	84	Resp:	3846
Ion	Ratio	Lower	Upper
84	100		
49	122.0	106.5	159.7
51	38.6	32.1	48.1
86	45.7	50.0	75.0



#25
2-Butanone
Concen: 5.679 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX045173.D
Acq: 06 Mar 2025 17:02

Tgt Ion:	43	Resp:	4831
Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.0	30.0





#33

1,2-Dichloroethane-d4

Concen: 53.510 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045173.D

Acq: 06 Mar 2025 17:02

Instrument :

MSVOA_X

ClientSampleId :

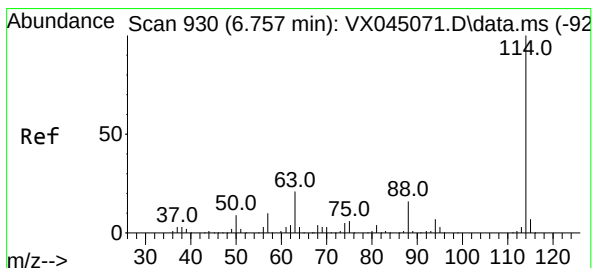
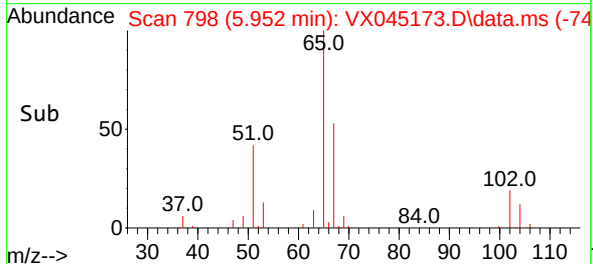
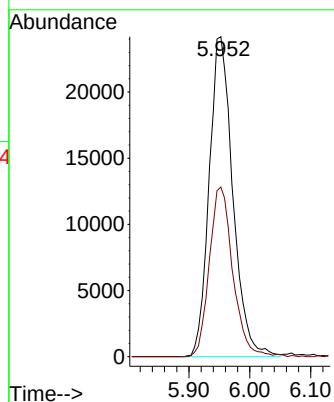
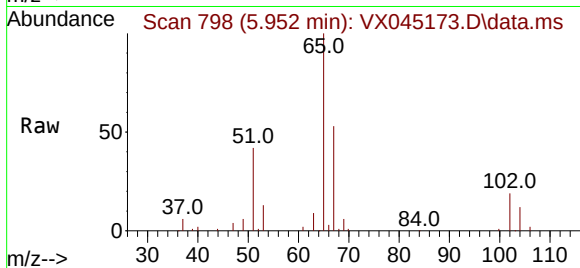
ENV-102-SB02

Tgt Ion: 65 Resp: 65182

Ion Ratio Lower Upper

65 100

67 52.4 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: VX045173.D

Acq: 06 Mar 2025 17:02

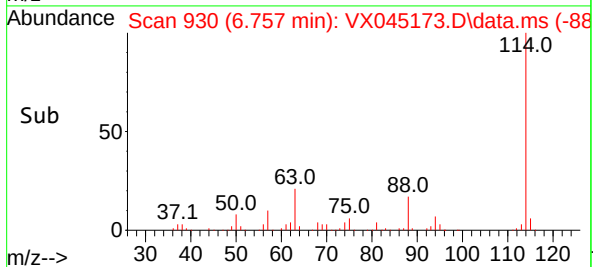
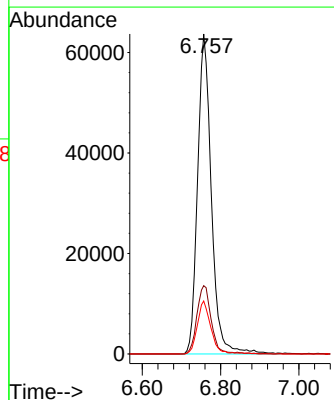
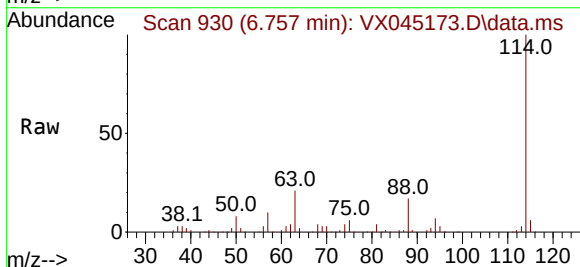
Tgt Ion: 114 Resp: 156077

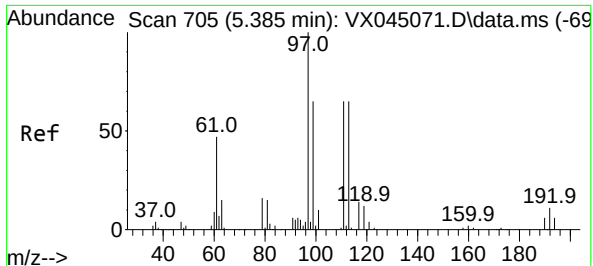
Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.8

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.081 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045173.D

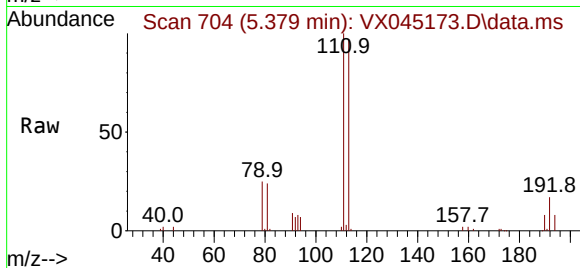
Acq: 06 Mar 2025 17:02

Instrument :

MSVOA_X

ClientSampleId :

ENV-102-SB02



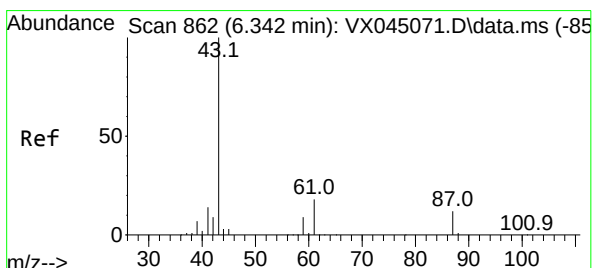
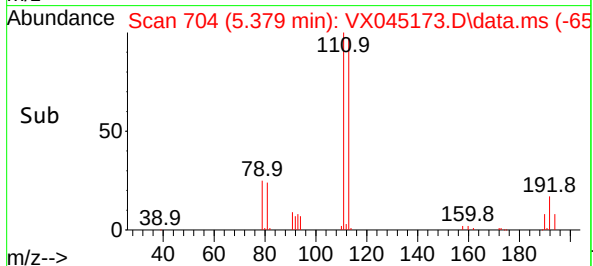
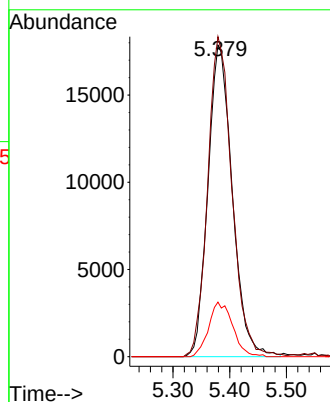
Tgt Ion:113 Resp: 53310

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

192 17.3 14.3 21.5



#43

Isopropyl Acetate

Concen: 16.840 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX045173.D

Acq: 06 Mar 2025 17:02

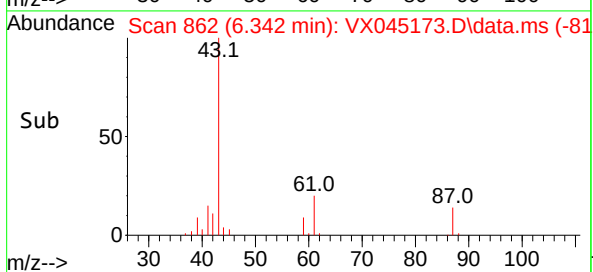
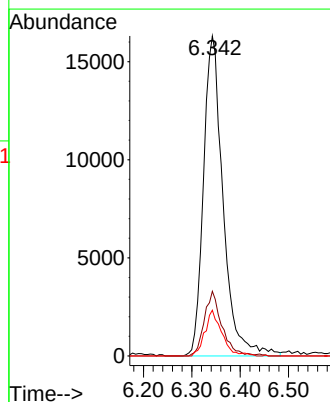
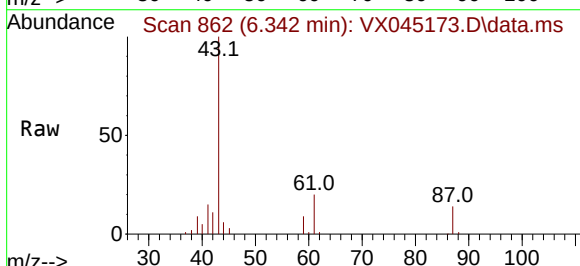
Tgt Ion: 43 Resp: 45924

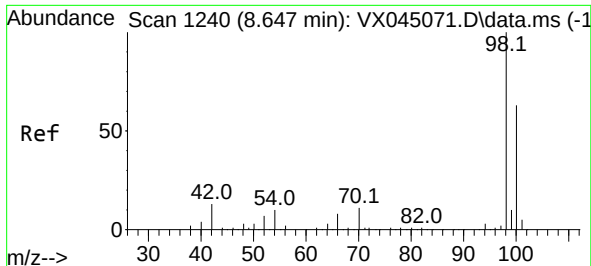
Ion Ratio Lower Upper

43 100

61 18.0 14.9 22.3

87 12.4 9.4 14.2

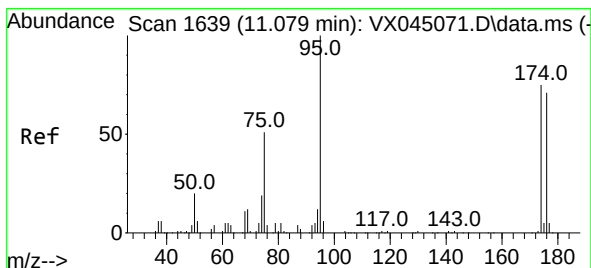
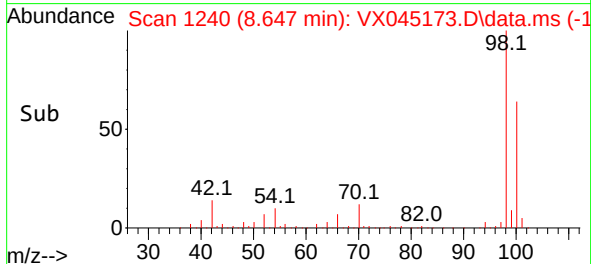
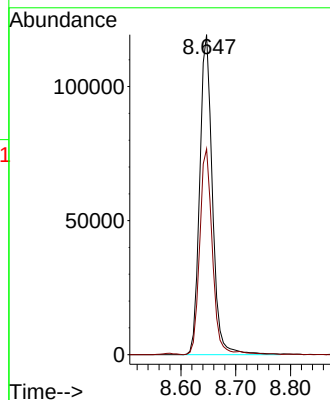
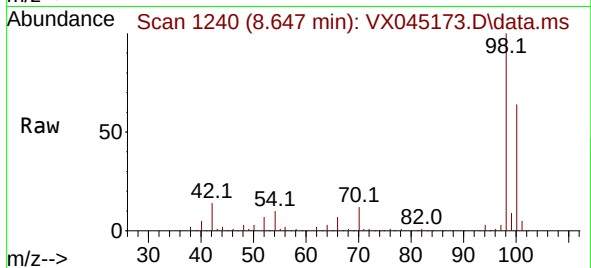




#50
Toluene-d8
Concen: 50.775 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045173.D
Acq: 06 Mar 2025 17:02

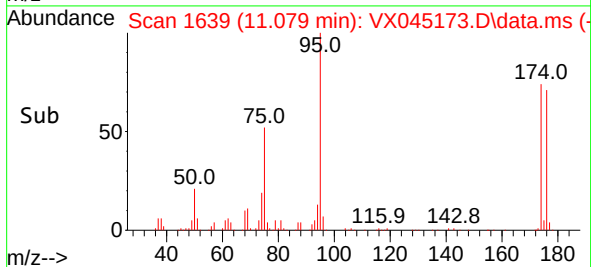
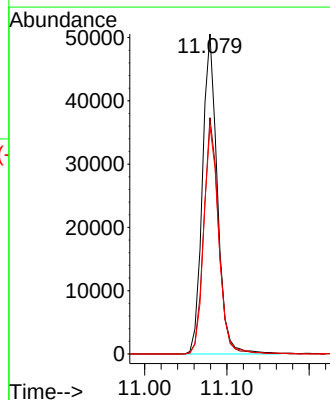
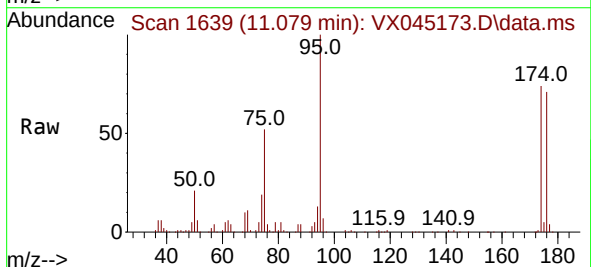
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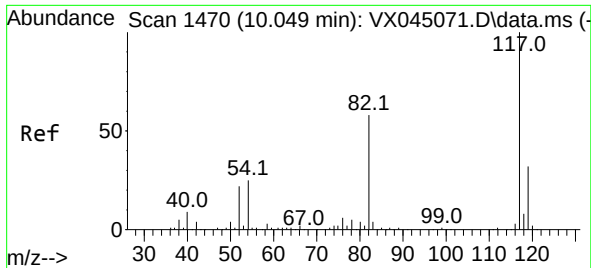
Tgt Ion: 98 Resp: 192112
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045173.D
Acq: 06 Mar 2025 17:02

Tgt Ion: 95 Resp: 63691
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.2
176 71.4 0.0 141.4

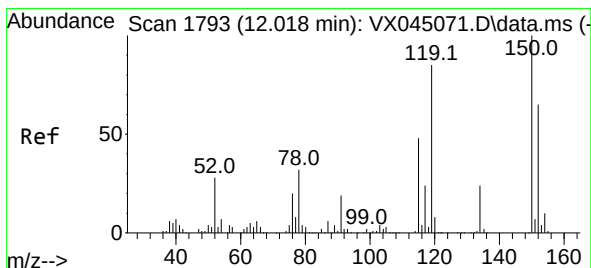
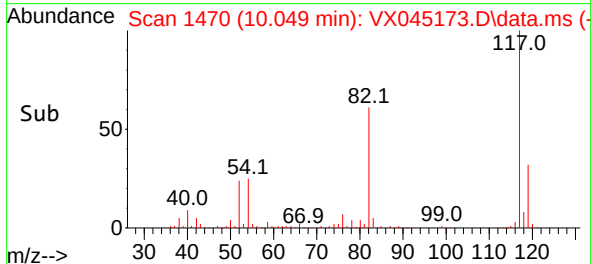
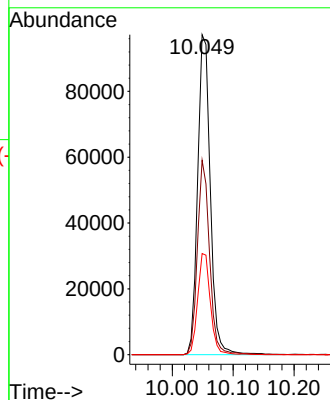
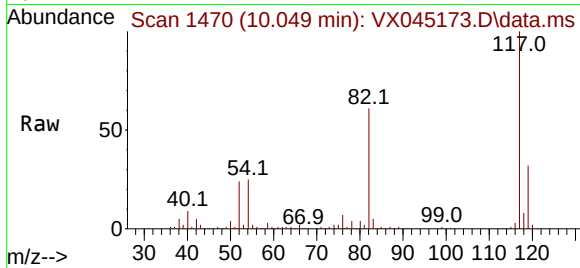




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045173.D
Acq: 06 Mar 2025 17:02

Instrument :
MSVOA_X
ClientSampleId :
ENV-102-SB02

Tgt Ion:117 Resp: 139915
Ion Ratio Lower Upper
117 100
82 60.8 46.3 69.5
119 31.6 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: VX045173.D
Acq: 06 Mar 2025 17:02

Tgt Ion:152 Resp: 57260
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 157.3 0.0 349.0

