

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045996.D
 Acq On : 30 Apr 2025 14:29
 Operator : JC/MD
 Sample : Q1901-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-167-SB01

Quant Time: May 01 03:37:20 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)

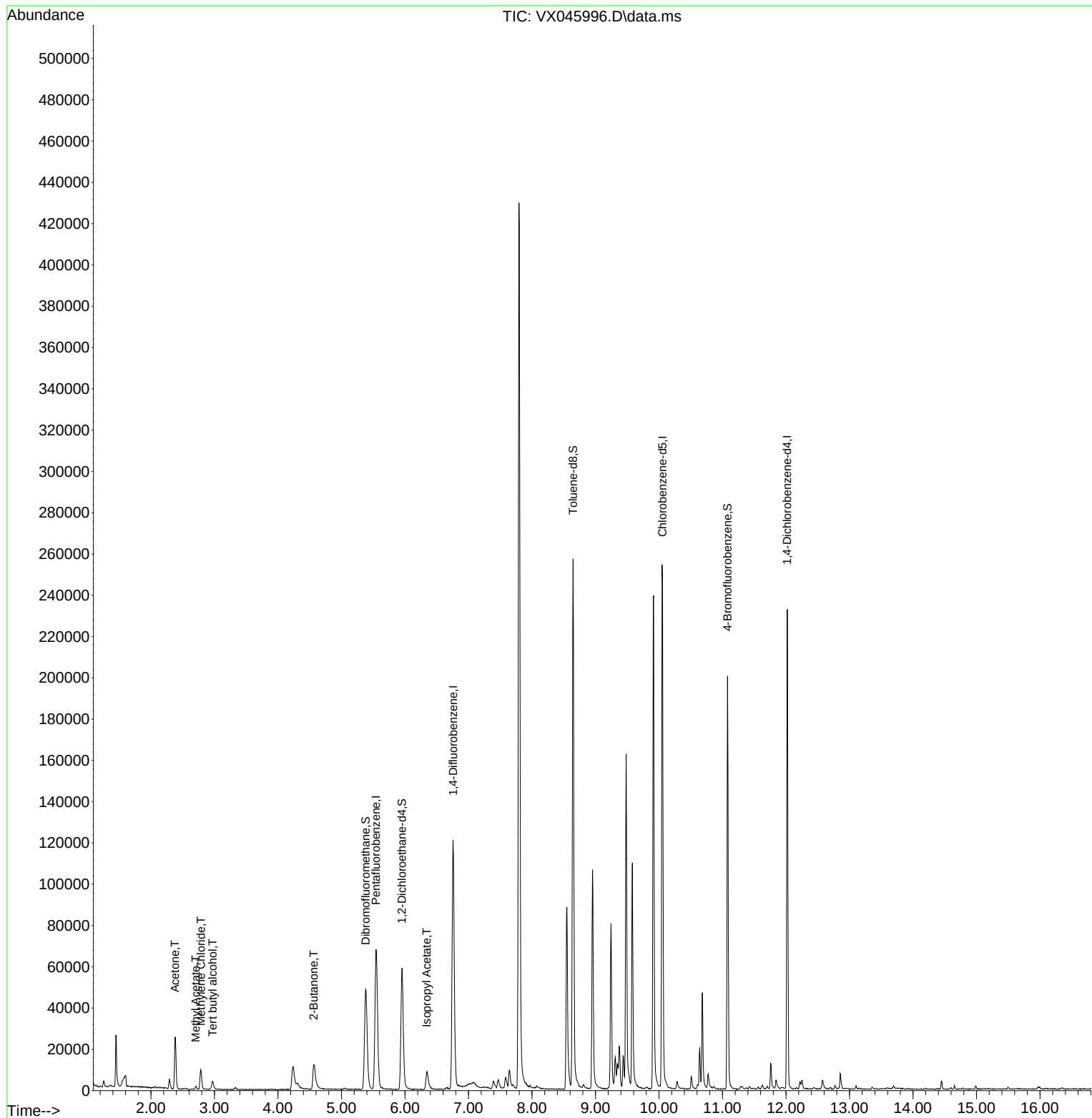
Internal Standards						
1) Pentafluorobenzene	5.544	168	57618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	115466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59663	56.623	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.240%	
35) Dibromofluoromethane	5.379	113	42394	51.748	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.500%	
50) Toluene-d8	8.647	98	144482	50.528	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	11.079	95	51275	49.229	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	4349	30.712	ug/l	95
16) Acetone	2.380	43	28256	65.306	ug/l	96
18) Methyl Acetate	2.703	43	1872	1.879	ug/l	97
20) Methylene Chloride	2.788	84	4330	5.346	ug/l	97
25) 2-Butanone	4.562	43	25058	39.565	ug/l	99
43) Isopropyl Acetate	6.342	43	13387	6.336	ug/l	98

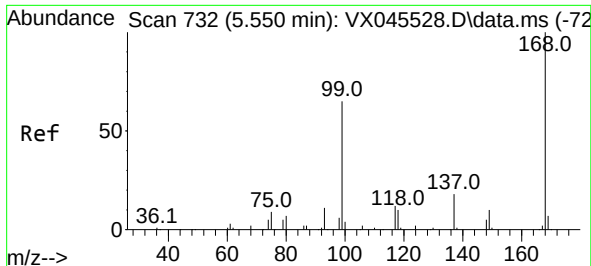
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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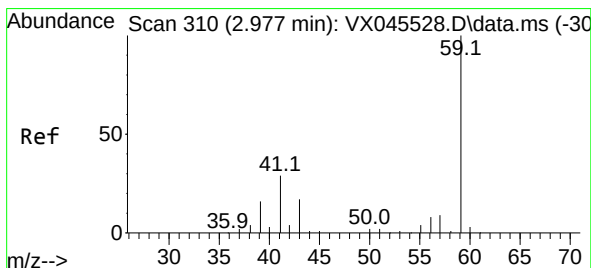
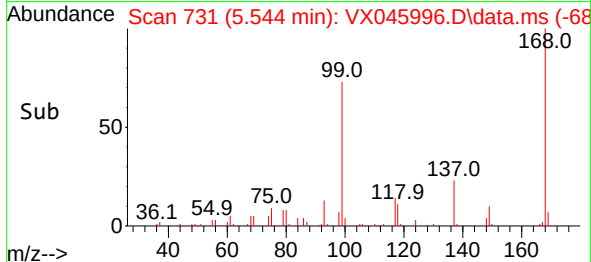
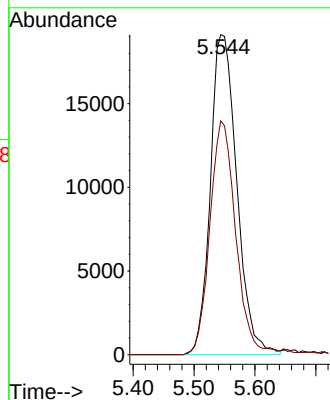
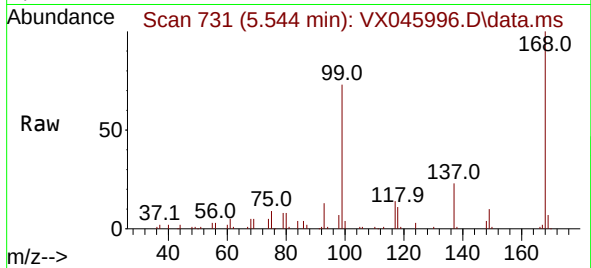




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045996.D
Acq: 30 Apr 2025 14:29

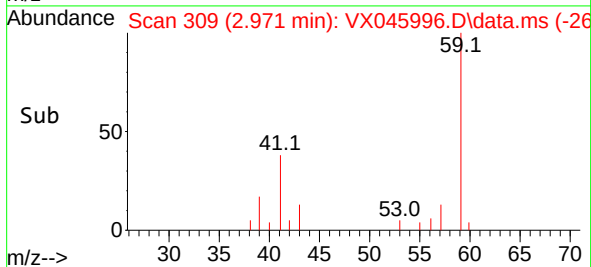
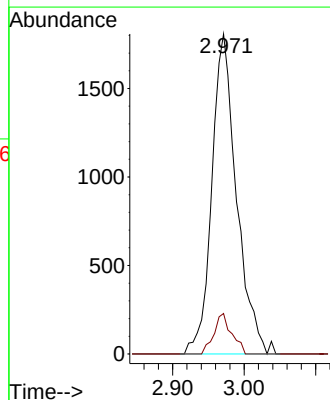
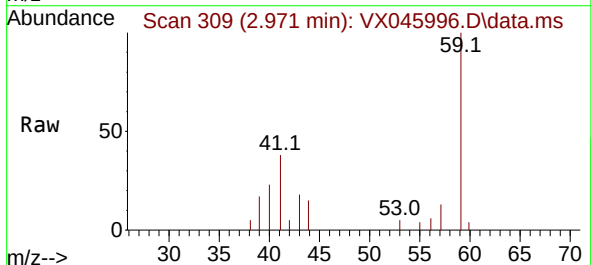
Instrument :
MSVOA_X
ClientSampleId :
B-167-SB01

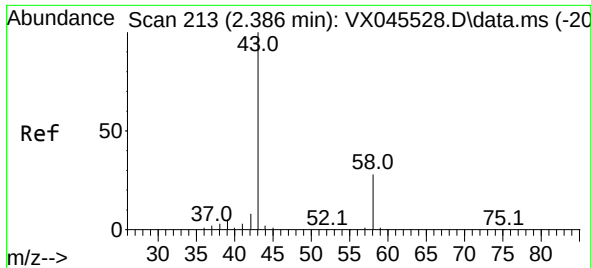
Tgt Ion:168 Resp: 57618
Ion Ratio Lower Upper
168 100
99 73.0 52.3 78.5



#11
Tert butyl alcohol
Concen: 30.712 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045996.D
Acq: 30 Apr 2025 14:29

Tgt Ion: 59 Resp: 4349
Ion Ratio Lower Upper
59 100
57 9.0 8.6 12.8

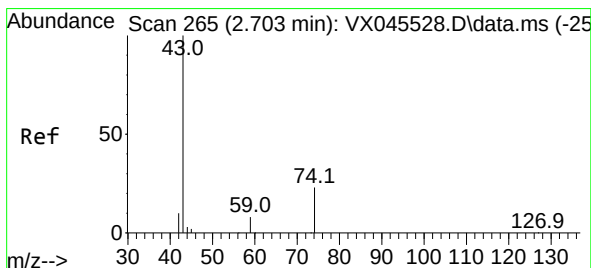
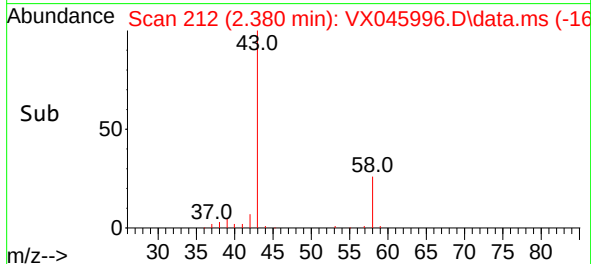
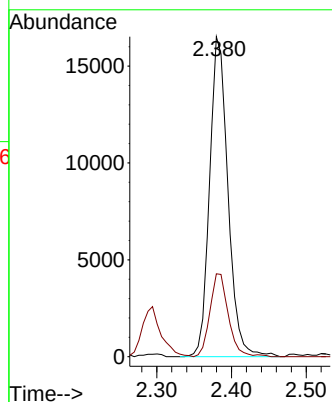
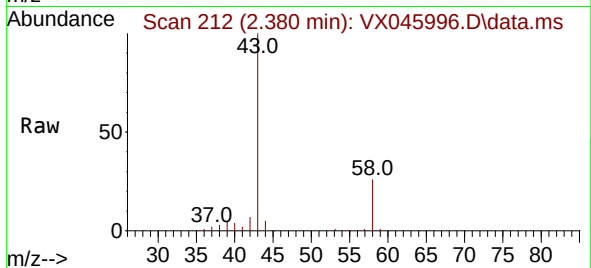




#16
Acetone
Concen: 65.306 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045996.D
Acq: 30 Apr 2025 14:29

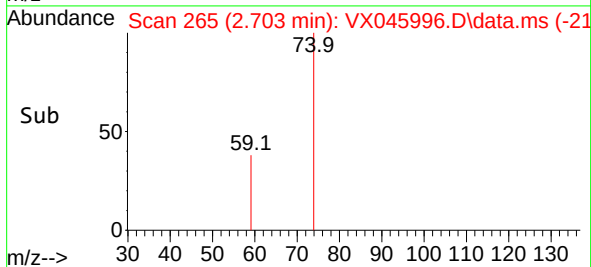
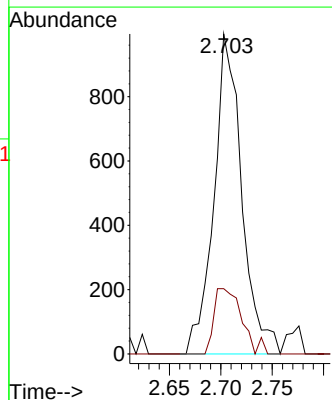
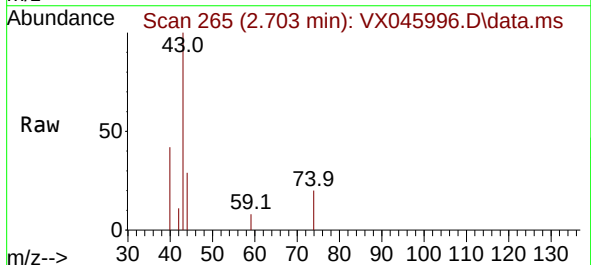
Instrument :
MSVOA_X
ClientSampleId :
B-167-SB01

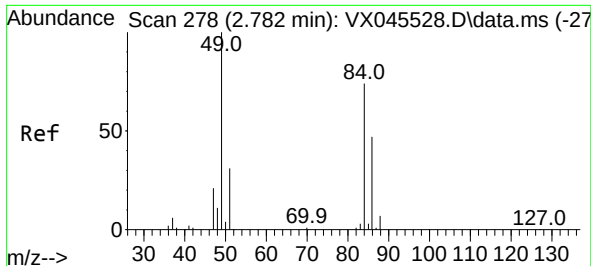
Tgt Ion: 43 Resp: 28256
Ion Ratio Lower Upper
43 100
58 25.9 22.3 33.5



#18
Methyl Acetate
Concen: 1.879 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045996.D
Acq: 30 Apr 2025 14:29

Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
74 20.4 17.5 26.3

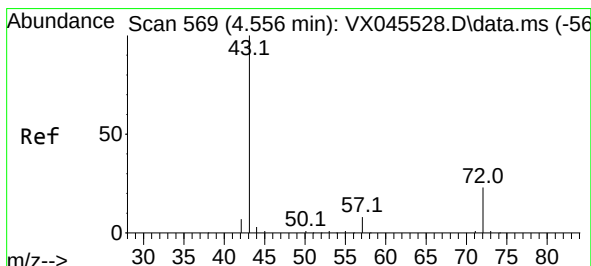
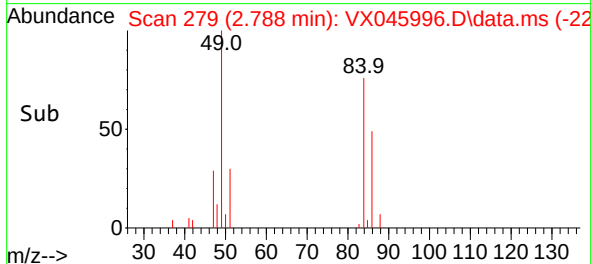
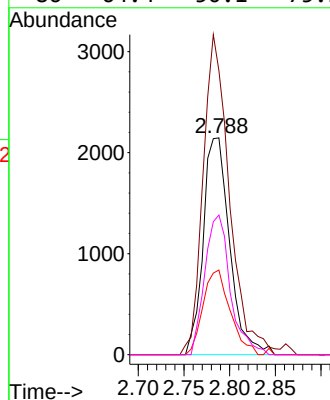
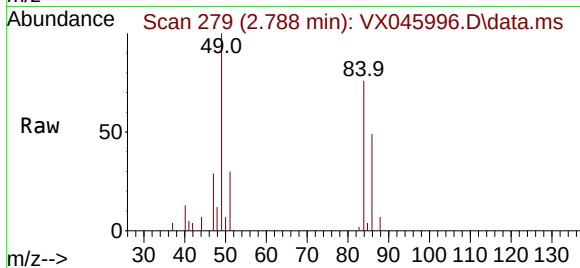




#20
Methylene Chloride
Concen: 5.346 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045996.D
Acq: 30 Apr 2025 14:29

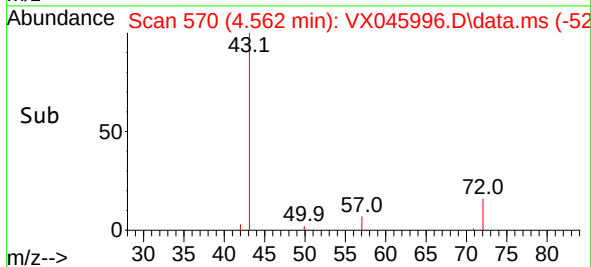
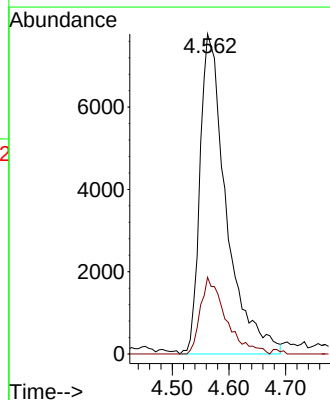
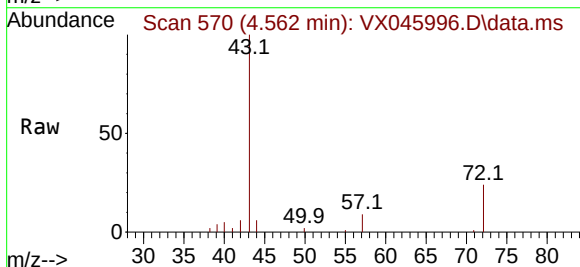
Instrument :
MSVOA_X
ClientSampleId :
B-167-SB01

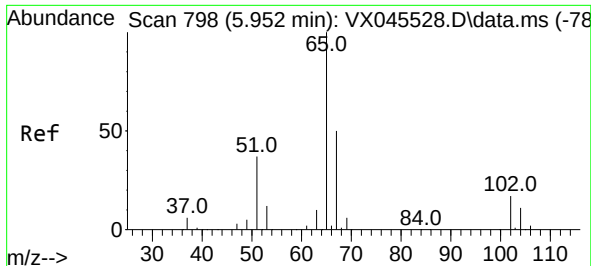
Tgt Ion:	84	Resp:	4330
Ion	Ratio	Lower	Upper
84	100		
49	131.0	107.5	161.3
51	39.0	33.0	49.6
86	64.4	50.1	75.1



#25
2-Butanone
Concen: 39.565 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX045996.D
Acq: 30 Apr 2025 14:29

Tgt Ion:	43	Resp:	25058
Ion	Ratio	Lower	Upper
43	100		
72	24.0	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 56.623 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045996.D

Acq: 30 Apr 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

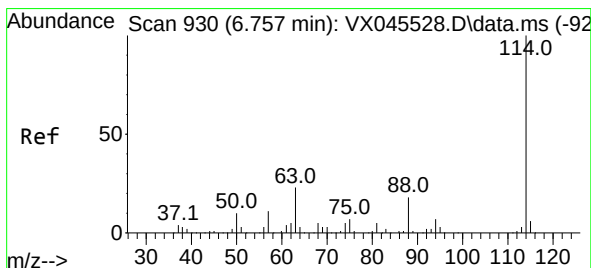
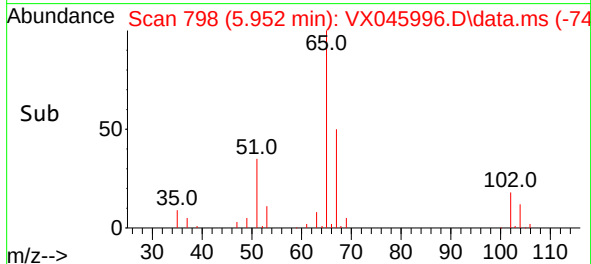
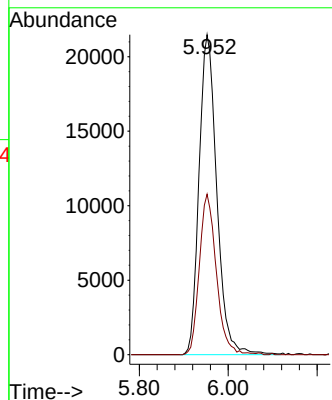
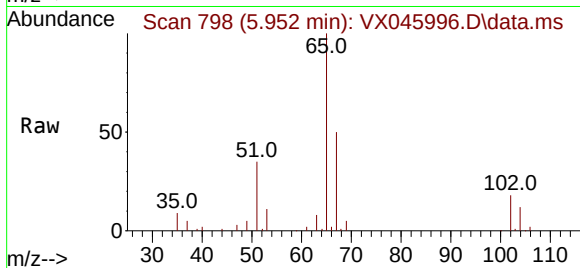
B-167-SB01

Tgt Ion: 65 Resp: 59663

Ion Ratio Lower Upper

65 100

67 48.2 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: VX045996.D

Acq: 30 Apr 2025 14:29

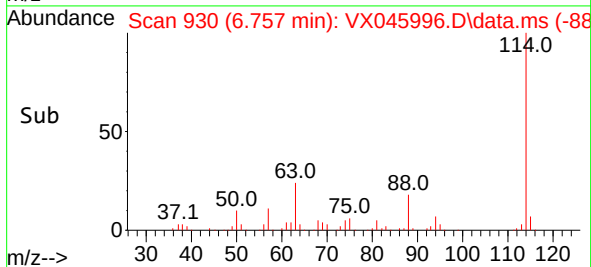
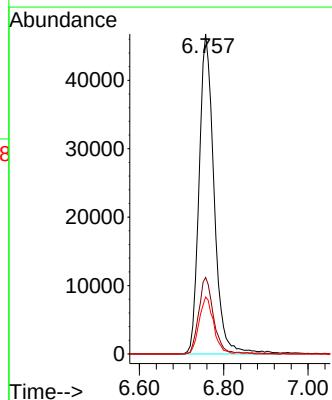
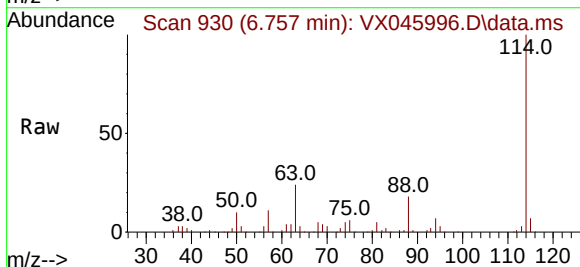
Tgt Ion: 114 Resp: 115466

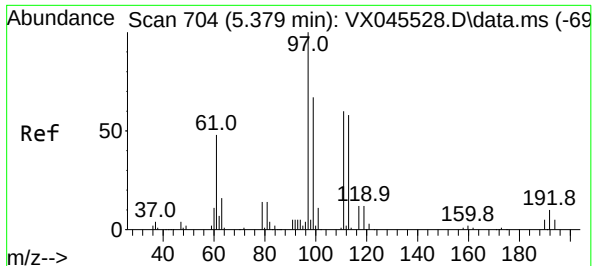
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 17.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.748 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045996.D

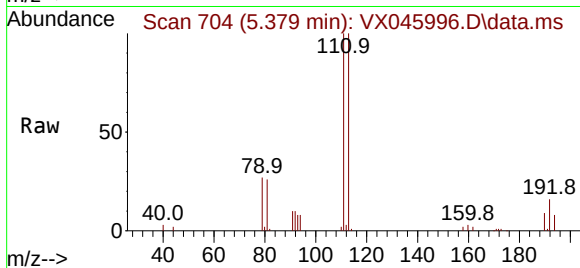
Acq: 30 Apr 2025 14:29

Instrument :

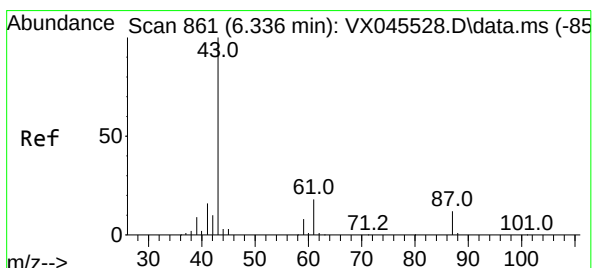
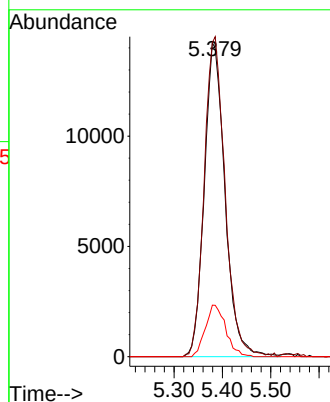
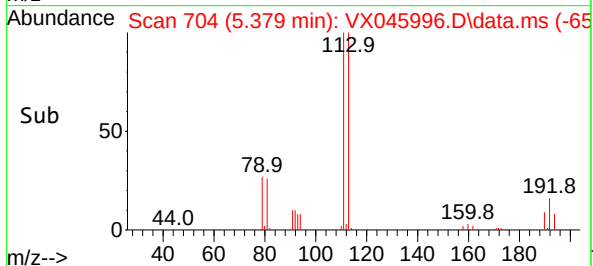
MSVOA_X

ClientSampleId :

B-167-SB01



Tgt Ion:	113	Resp:	42394
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	16.2	13.8	20.6



#43

Isopropyl Acetate

Concen: 6.336 ug/l

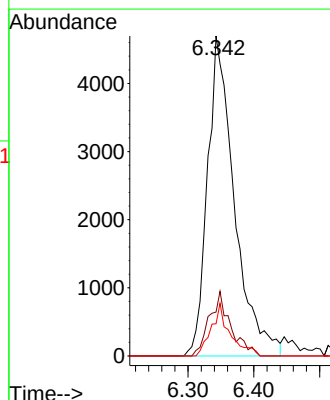
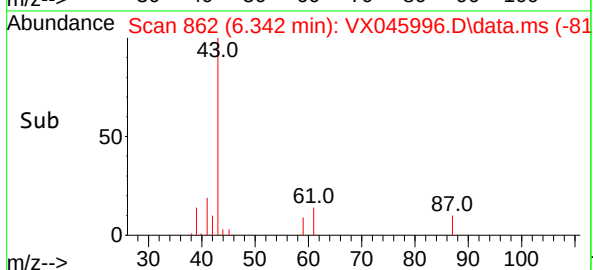
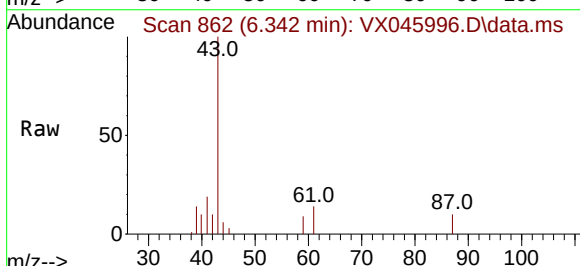
RT: 6.342 min Scan# 862

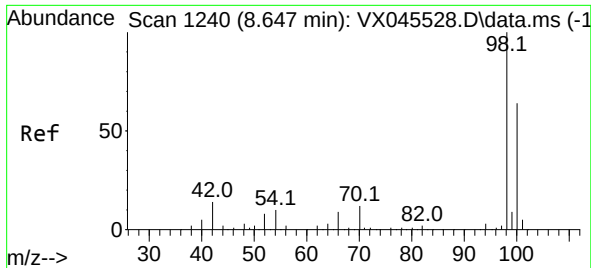
Delta R.T. 0.006 min

Lab File: VX045996.D

Acq: 30 Apr 2025 14:29

Tgt Ion:	43	Resp:	13387
Ion	Ratio	Lower	Upper
43	100		
61	16.0	14.1	21.1
87	11.4	9.2	13.8

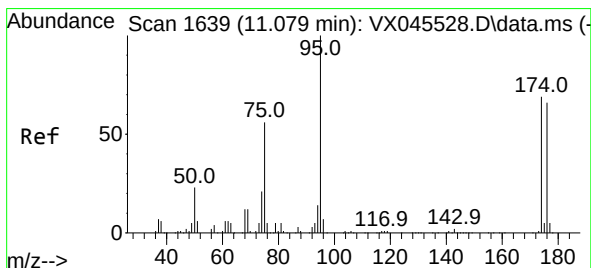
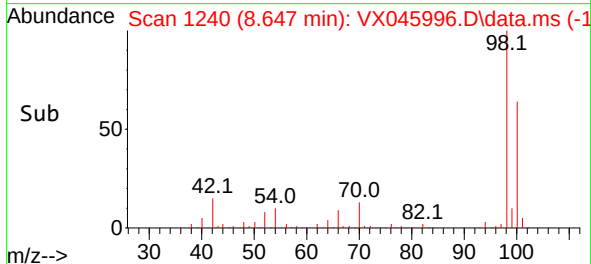
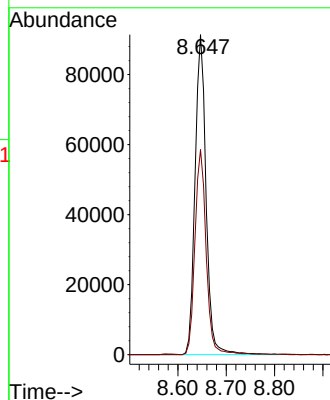
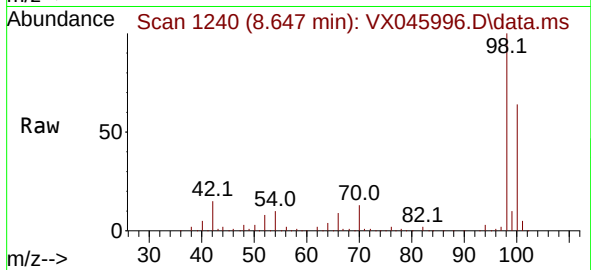




#50
Toluene-d8
Concen: 50.528 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045996.D
Acq: 30 Apr 2025 14:29

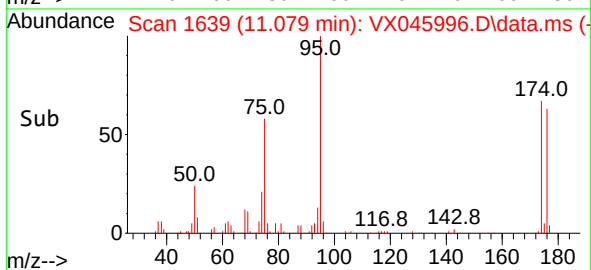
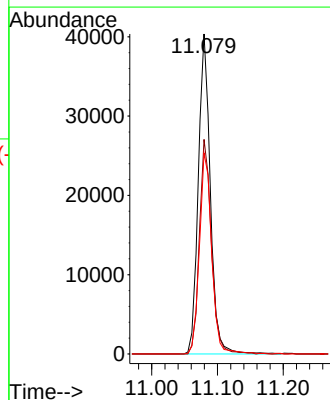
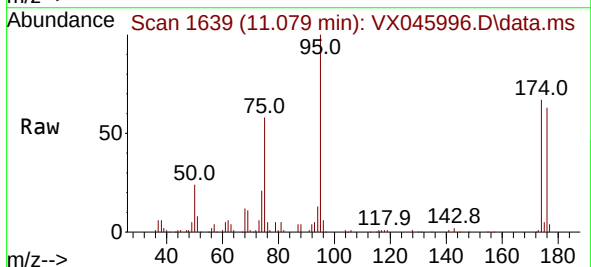
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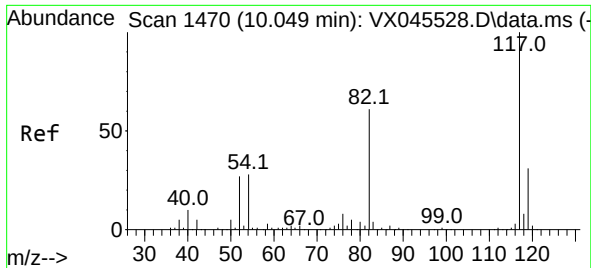
Tgt Ion: 98 Resp: 144482
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045996.D
Acq: 30 Apr 2025 14:29

Tgt Ion: 95 Resp: 51275
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 64.3 0.0 131.4

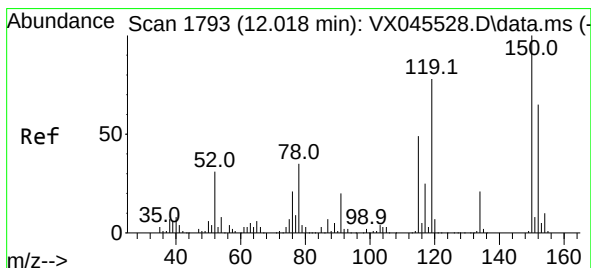
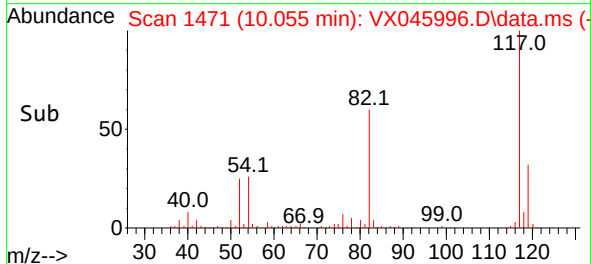
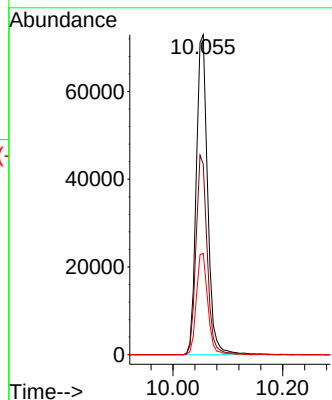
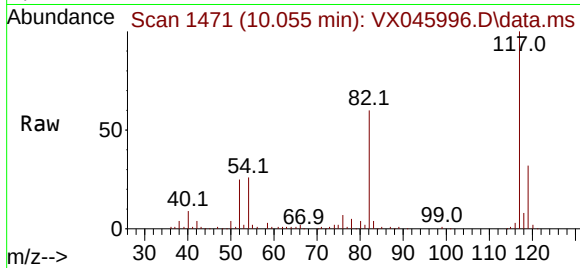




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045996.D
Acq: 30 Apr 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
B-167-SB01

Tgt Ion:117 Resp: 105991
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 31.6 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: VX045996.D
Acq: 30 Apr 2025 14:29

Tgt Ion:152 Resp: 41285
Ion Ratio Lower Upper
152 100
115 63.5 46.9 140.7
150 156.8 0.0 349.4

