

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045993.D
 Acq On : 30 Apr 2025 13:19
 Operator : JC/MD
 Sample : Q1901-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-170-SB01

Quant Time: May 01 03:36:46 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)

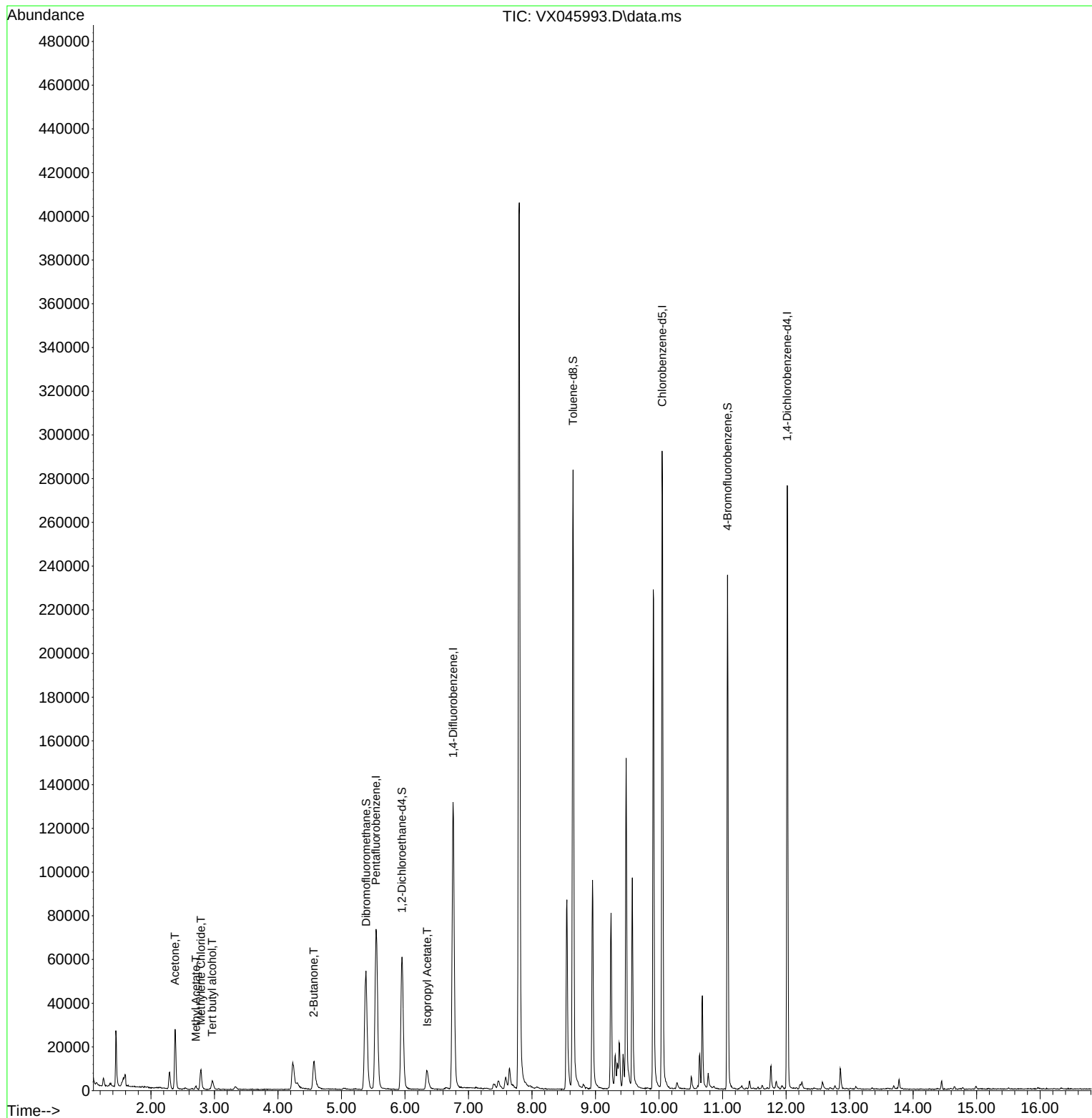
Internal Standards						
1) Pentafluorobenzene	5.544	168	62684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63996	55.827	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.660%	
35) Dibromofluoromethane	5.385	113	47092	52.845	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.680%	
50) Toluene-d8	8.647	98	160020	51.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	11.079	95	59966	52.928	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	4197	27.243	ug/l	98
16) Acetone	2.380	43	29145	61.917	ug/l	98
18) Methyl Acetate	2.709	43	1813	1.673	ug/l #	85
20) Methylene Chloride	2.788	84	4107	4.661	ug/l	95
25) 2-Butanone	4.562	43	25122	36.460	ug/l	99
43) Isopropyl Acetate	6.348	43	13171	5.731	ug/l	99

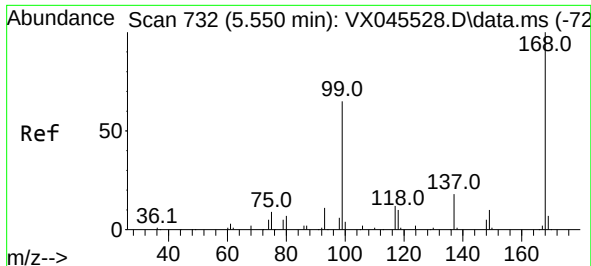
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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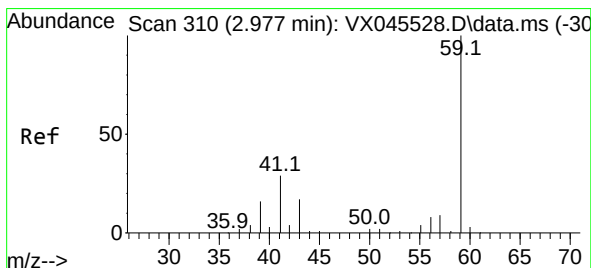
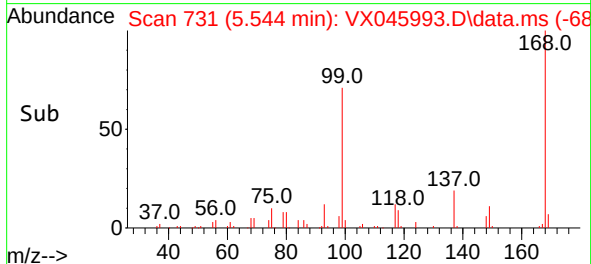
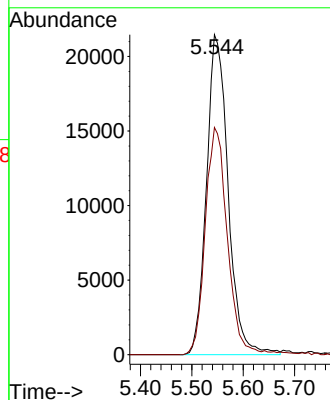
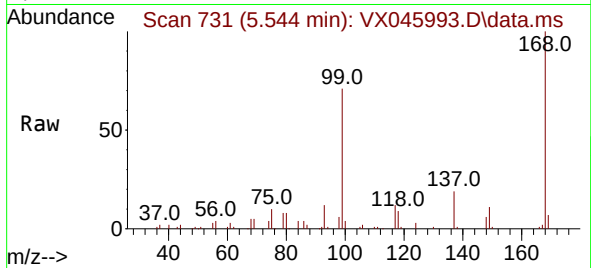




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045993.D
Acq: 30 Apr 2025 13:19

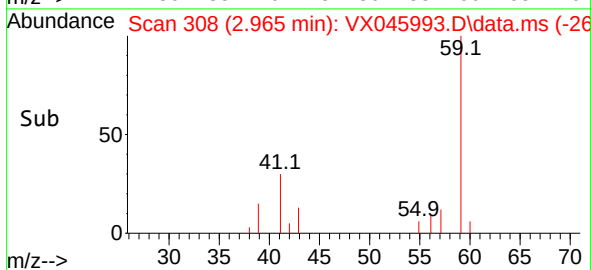
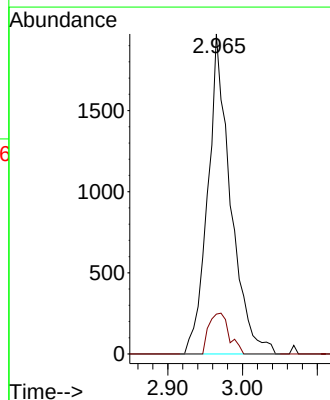
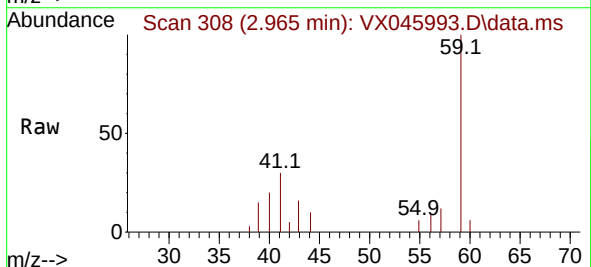
Instrument :
MSVOA_X
ClientSampleId :
B-170-SB01

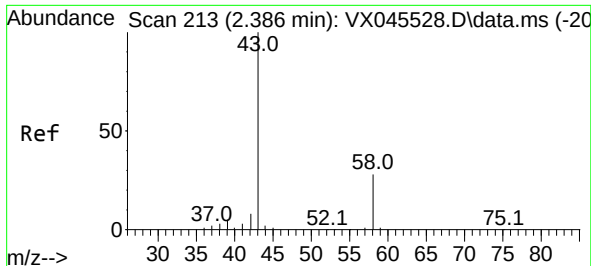
Tgt Ion:168 Resp: 62684
Ion Ratio Lower Upper
168 100
99 71.0 52.3 78.5



#11
Tert butyl alcohol
Concen: 27.243 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX045993.D
Acq: 30 Apr 2025 13:19

Tgt Ion: 59 Resp: 4197
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

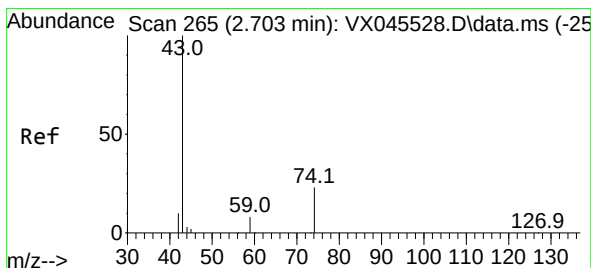
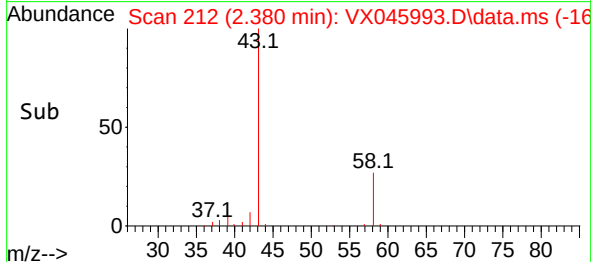
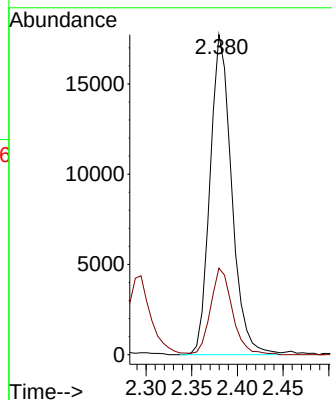
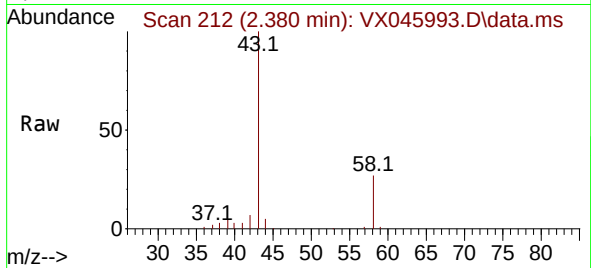




#16
Acetone
Concen: 61.917 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045993.D
Acq: 30 Apr 2025 13:19

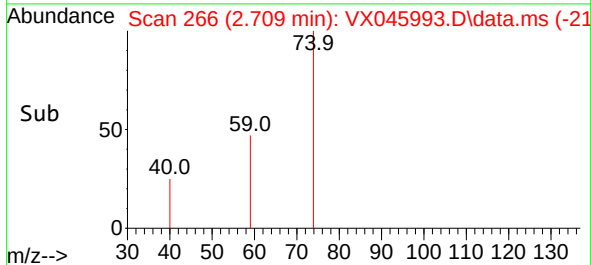
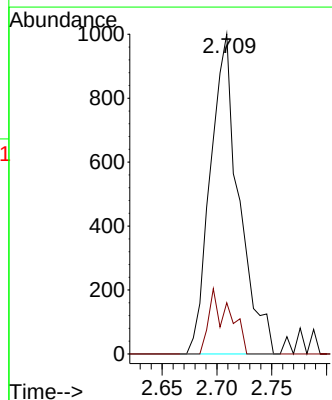
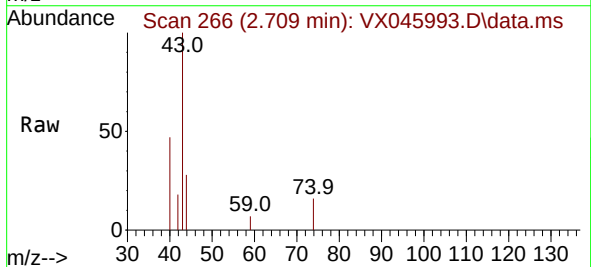
Instrument :
MSVOA_X
ClientSampleId :
B-170-SB01

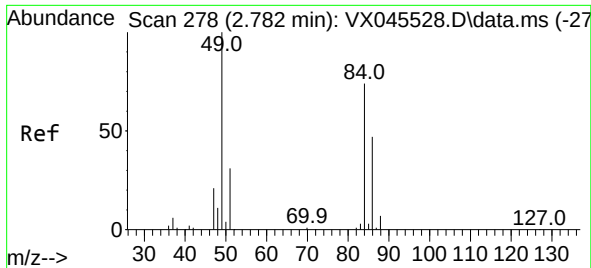
Tgt Ion: 43 Resp: 29145
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5



#18
Methyl Acetate
Concen: 1.673 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045993.D
Acq: 30 Apr 2025 13:19

Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
74 14.7 17.5 26.3#

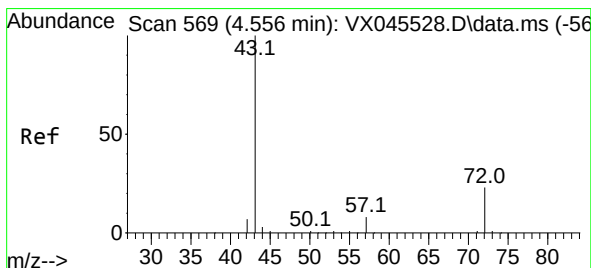
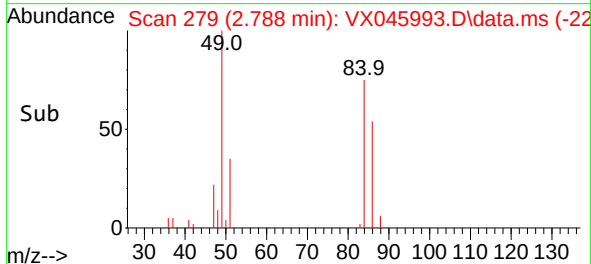
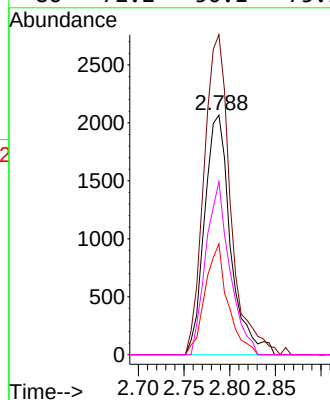
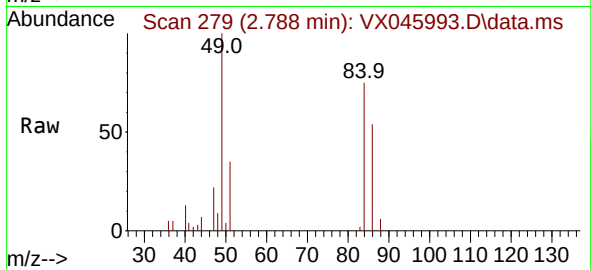




#20
Methylene Chloride
Concen: 4.661 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045993.D
Acq: 30 Apr 2025 13:19

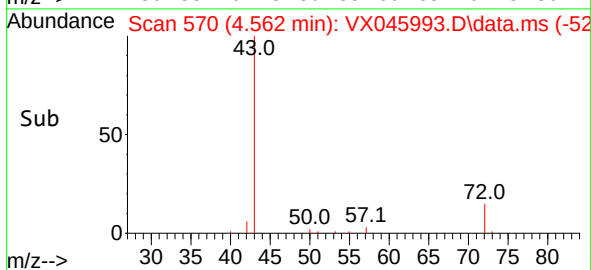
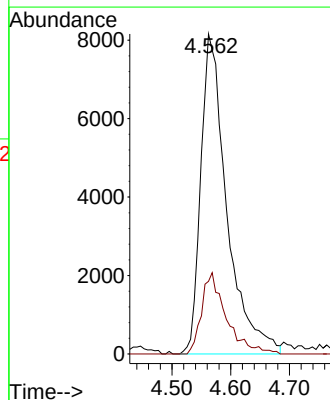
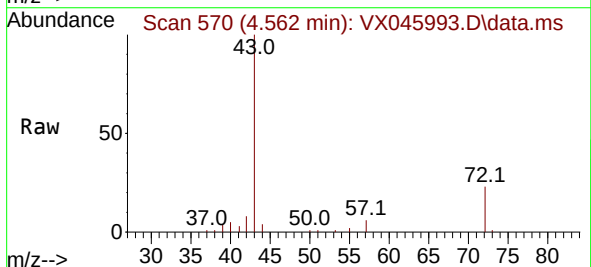
Instrument :
MSVOA_X
ClientSampleId :
B-170-SB01

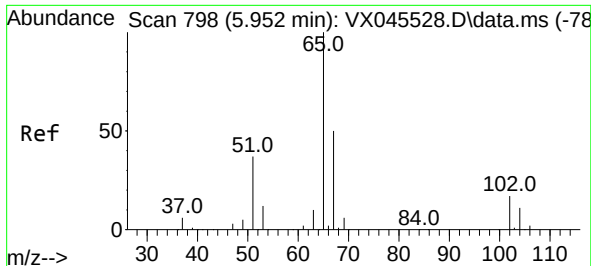
Tgt Ion:	84	Resp:	4107
Ion	Ratio	Lower	Upper
84	100		
49	133.6	107.5	161.3
51	46.3	33.0	49.6
86	72.2	50.1	75.1



#25
2-Butanone
Concen: 36.460 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX045993.D
Acq: 30 Apr 2025 13:19

Tgt Ion:	43	Resp:	25122
Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 55.827 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045993.D

Acq: 30 Apr 2025 13:19

Instrument :

MSVOA_X

ClientSampleId :

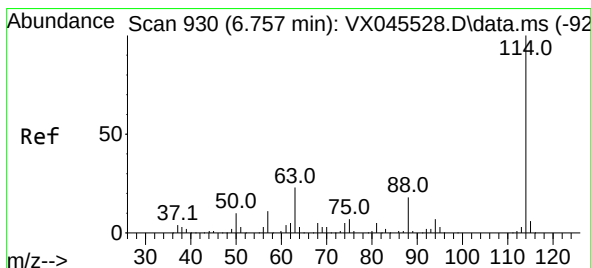
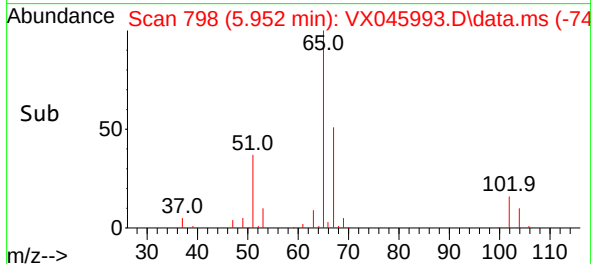
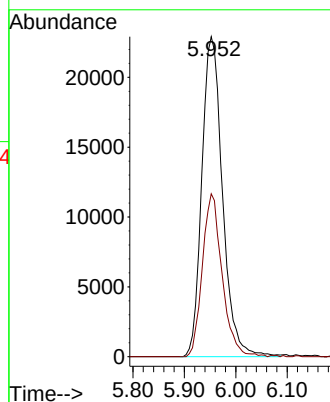
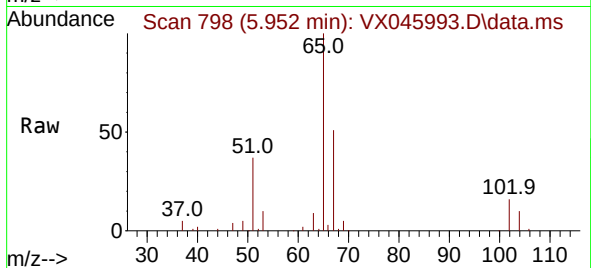
B-170-SB01

Tgt Ion: 65 Resp: 63996

Ion Ratio Lower Upper

65 100

67 48.5 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: VX045993.D

Acq: 30 Apr 2025 13:19

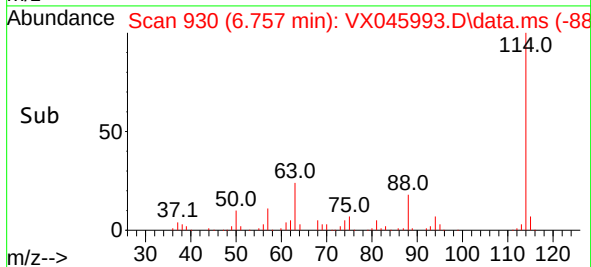
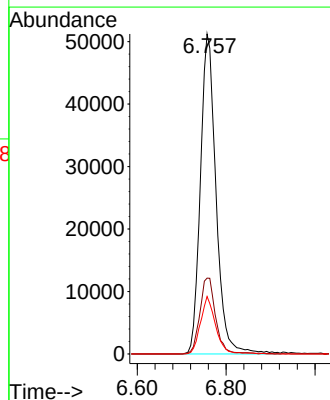
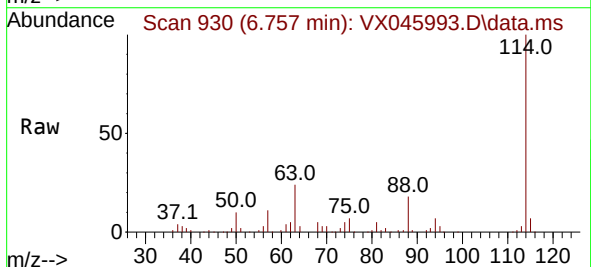
Tgt Ion: 114 Resp: 125601

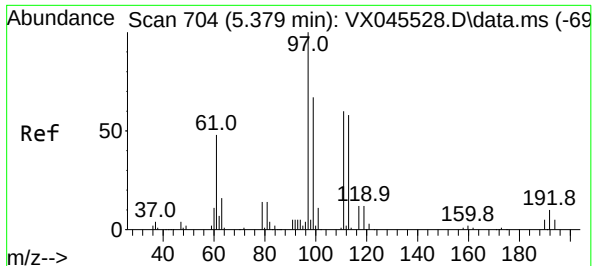
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.8

88 17.9 0.0 35.4

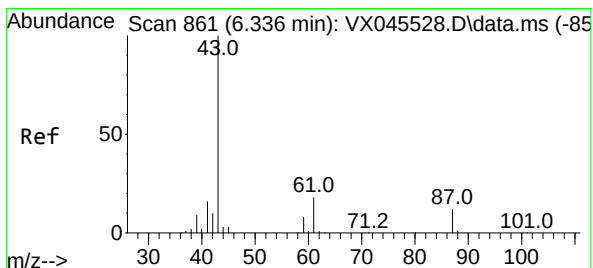
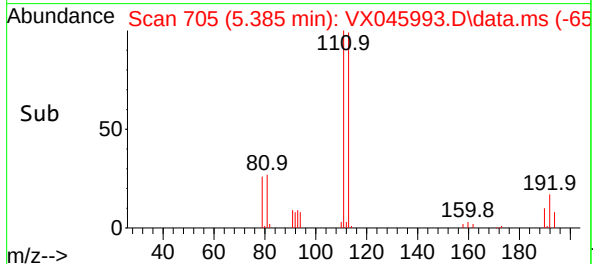
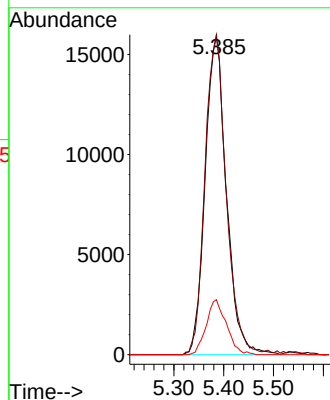
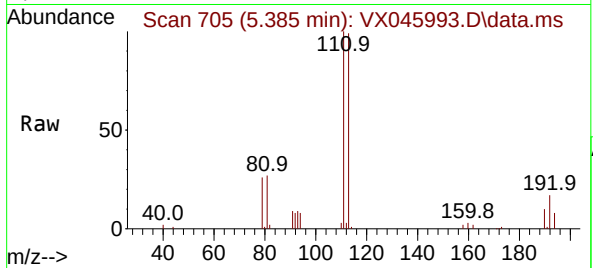




#35
 Dibromofluoromethane
 Concen: 52.845 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX045993.D
 Acq: 30 Apr 2025 13:19

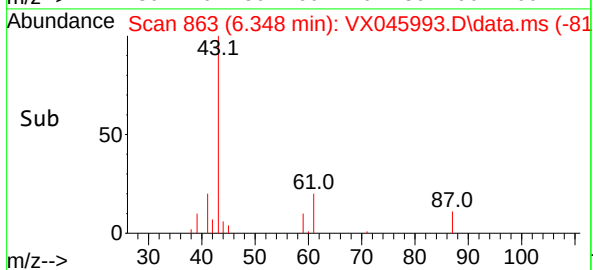
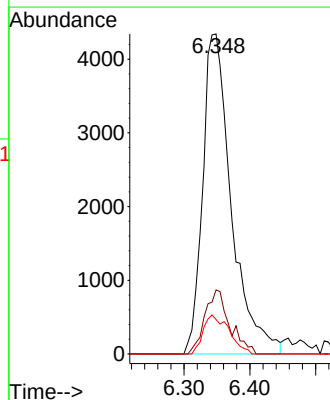
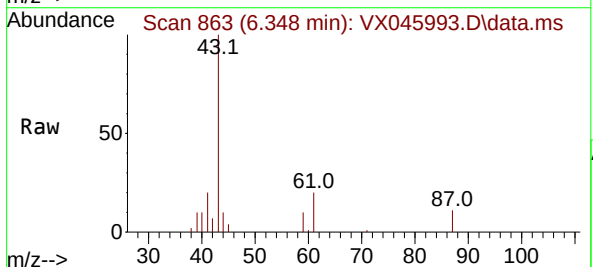
Instrument :
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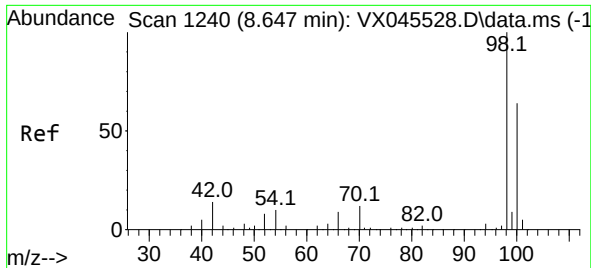
Tgt Ion:113 Resp: 47092
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.8 122.6
 192 16.5 13.8 20.6



#43
 Isopropyl Acetate
 Concen: 5.731 ug/l
 RT: 6.348 min Scan# 863
 Delta R.T. 0.012 min
 Lab File: VX045993.D
 Acq: 30 Apr 2025 13:19

Tgt Ion: 43 Resp: 13171
 Ion Ratio Lower Upper
 43 100
 61 17.3 14.1 21.1
 87 11.0 9.2 13.8

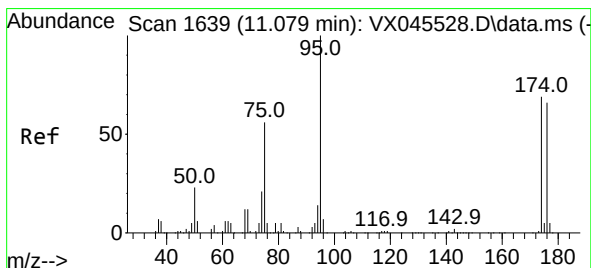
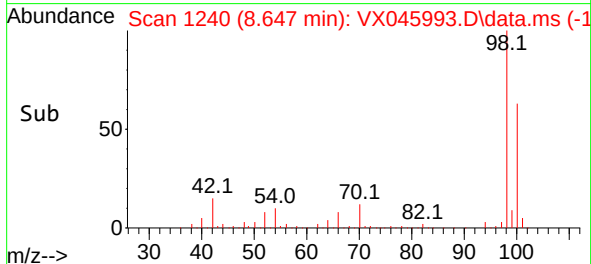
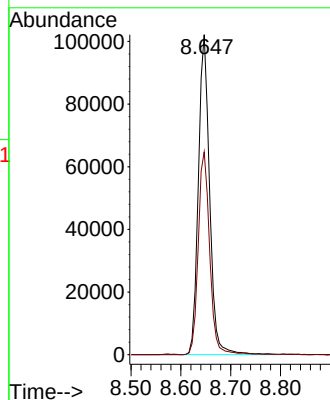
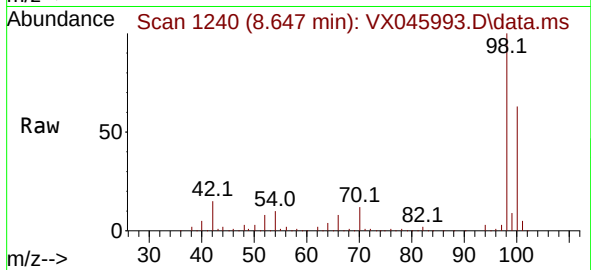




#50
Toluene-d8
Concen: 51.446 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045993.D
Acq: 30 Apr 2025 13:19

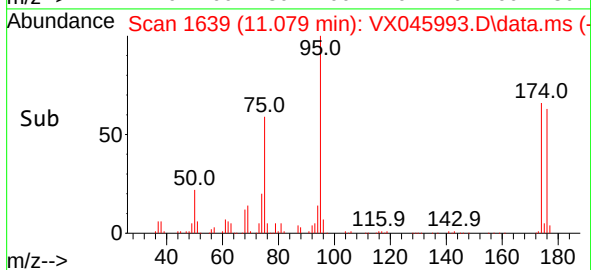
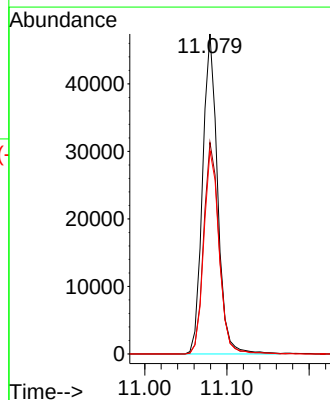
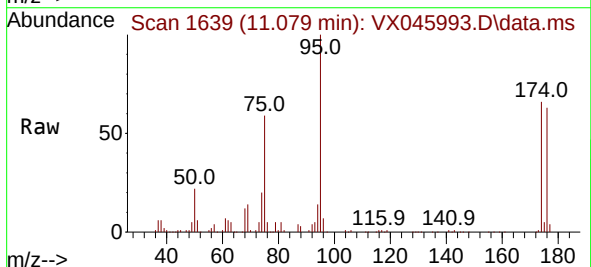
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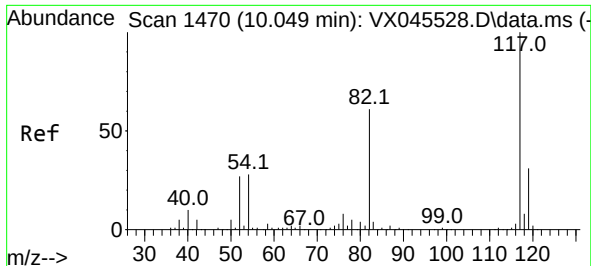
Tgt Ion: 98 Resp: 160020
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045993.D
Acq: 30 Apr 2025 13:19

Tgt Ion: 95 Resp: 59966
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.2 0.0 131.4

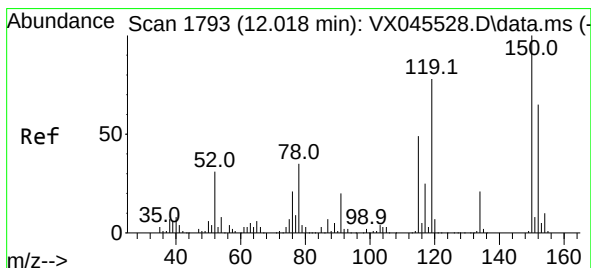
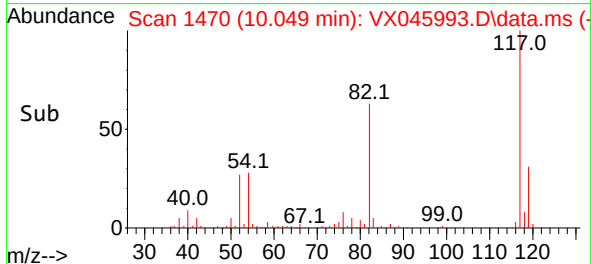
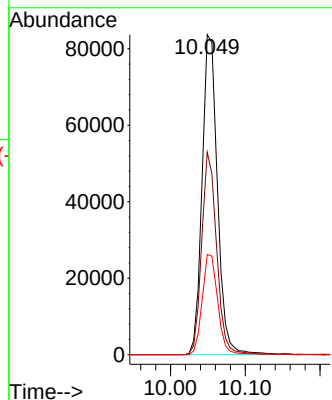
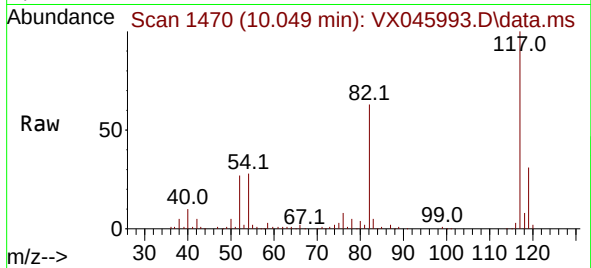




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045993.D
Acq: 30 Apr 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
B-170-SB01

Tgt Ion:117 Resp: 119798
Ion Ratio Lower Upper
117 100
82 63.3 49.2 73.8
119 31.3 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: VX045993.D
Acq: 30 Apr 2025 13:19

Tgt Ion:152 Resp: 50854
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 155.2 0.0 349.4

