

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044993.D
 Acq On : 18 Feb 2025 17:17
 Operator : JC/MD
 Sample : Q1376-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW33

Quant Time: Feb 19 06:16:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

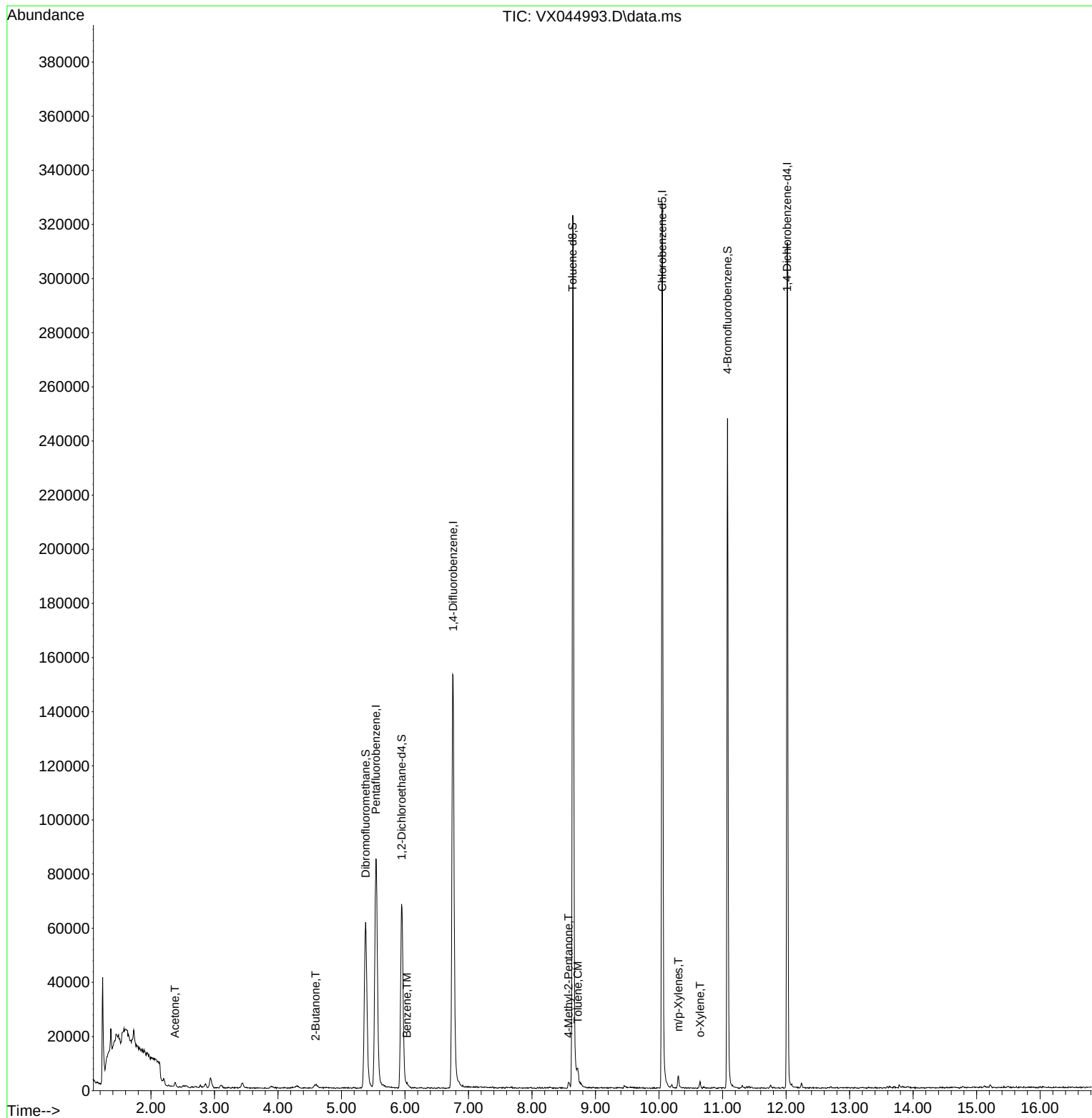
Internal Standards						
1) Pentafluorobenzene	5.544	168	81057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162106	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65113	54.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.760%	
35) Dibromofluoromethane	5.379	113	54297	51.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.040%	
50) Toluene-d8	8.641	98	204953	51.425	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	11.079	95	68212	50.769	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.540%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2010	4.214	ug/l	96
25) 2-Butanone	4.593	43	2703	3.490	ug/l #	86
40) Benzene	6.031	78	1330	0.280	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	1713	1.032	ug/l	89
52) Toluene	8.720	92	1731	0.612	ug/l	95
68) m/p-Xylenes	10.305	106	1350	0.655	ug/l	97
69) o-Xylene	10.646	106	685	0.331	ug/l	73

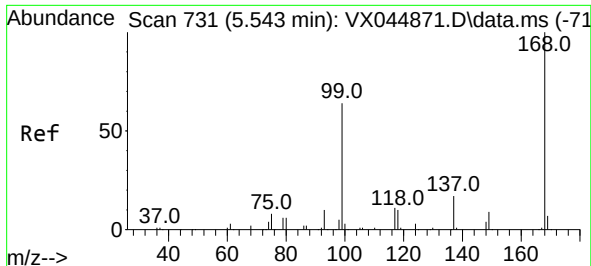
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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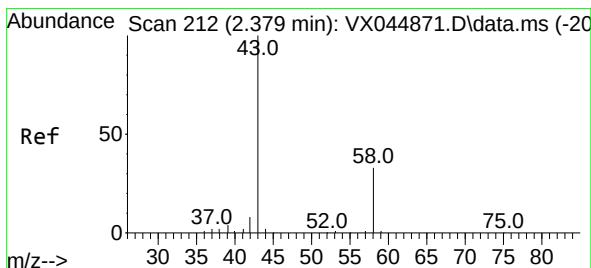
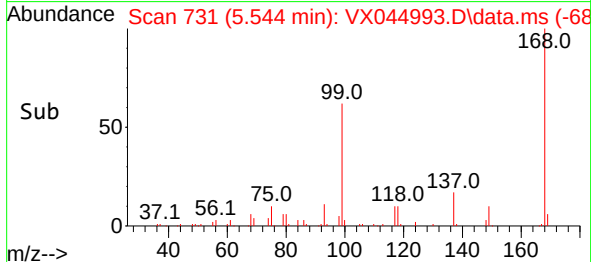
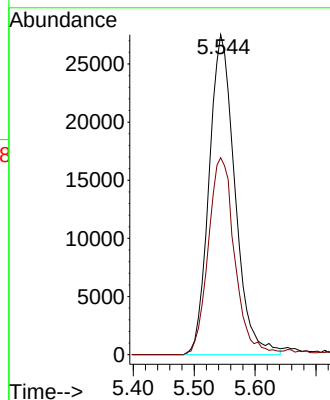
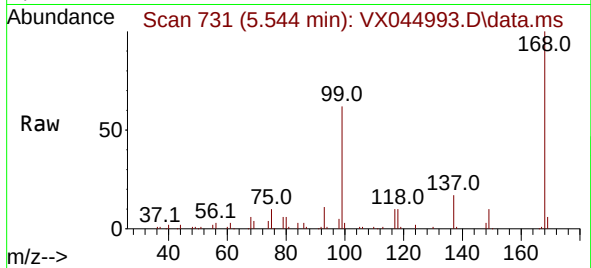




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

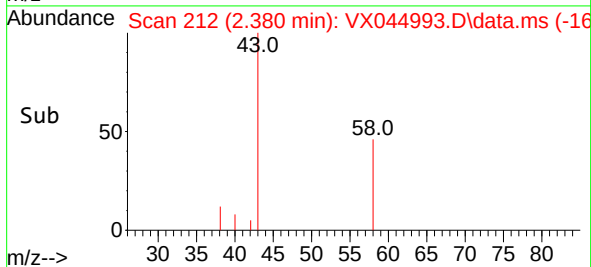
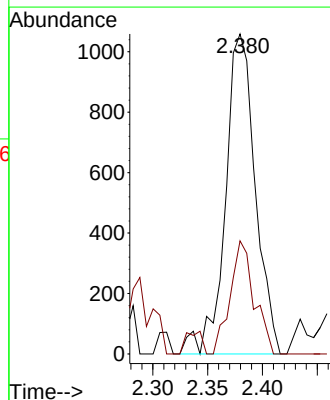
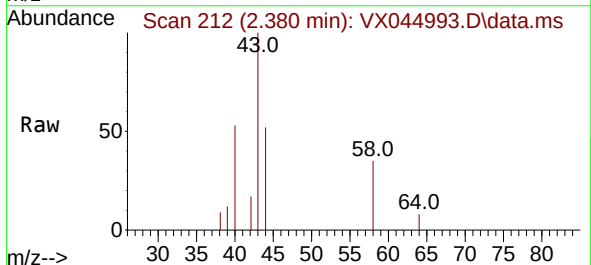
Instrument :
MSVOA_X
ClientSampleId :
MW33

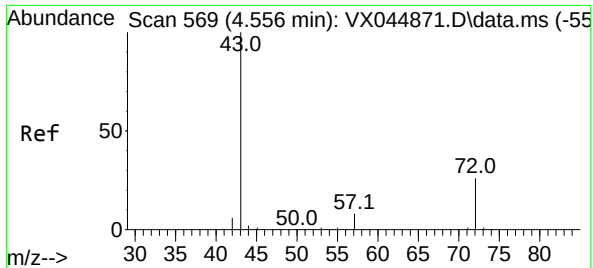
Tgt Ion:168 Resp: 81057
Ion Ratio Lower Upper
168 100
99 61.5 51.2 76.8



#16
Acetone
Concen: 4.214 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
58 35.3 26.5 39.7

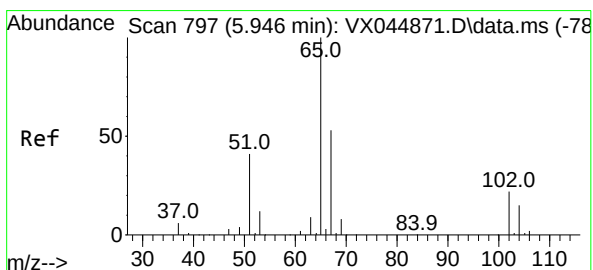
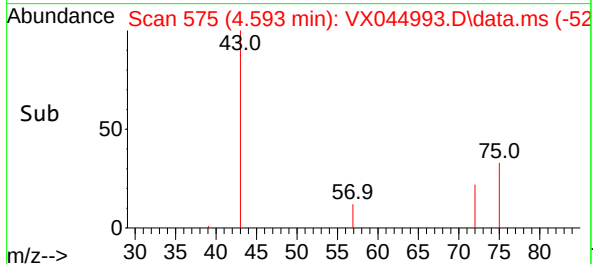
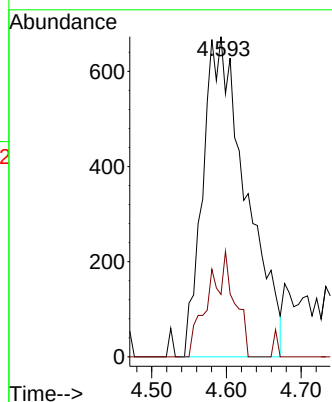
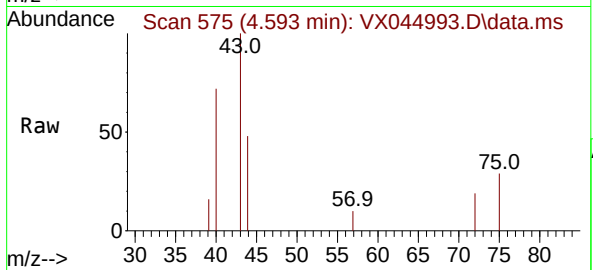




#25
2-Butanone
Concen: 3.490 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

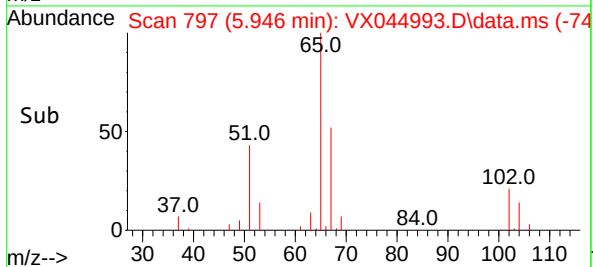
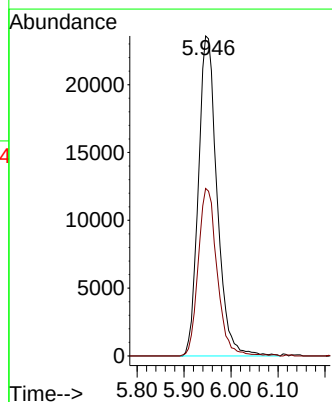
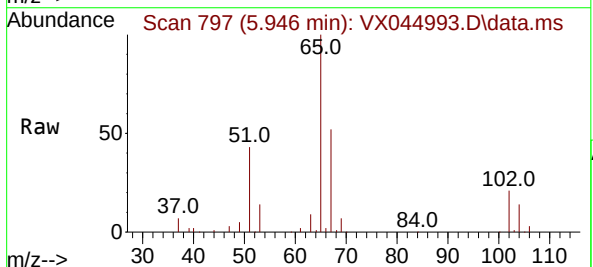
Instrument :
MSVOA_X
ClientSampleId :
MW33

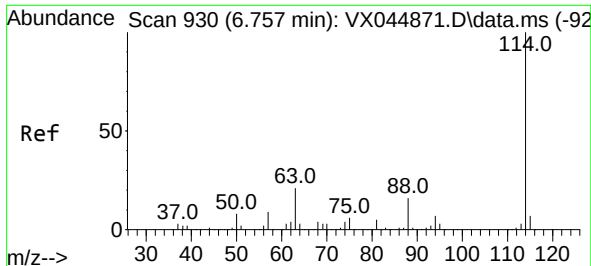
Tgt Ion: 43 Resp: 2703
Ion Ratio Lower Upper
43 100
72 19.5 21.2 31.8#



#33
1,2-Dichloroethane-d4
Concen: 54.877 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

Tgt Ion: 65 Resp: 65113
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2

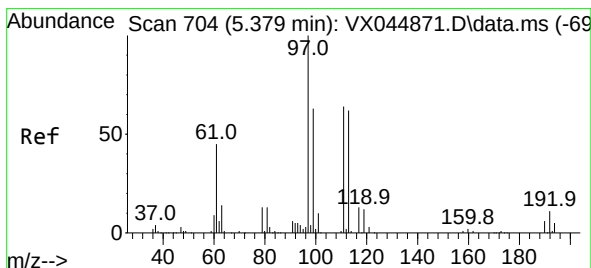
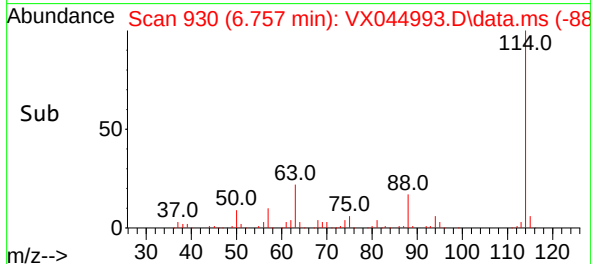
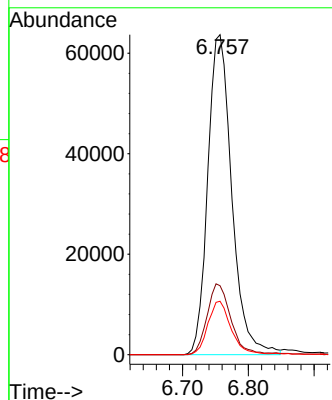
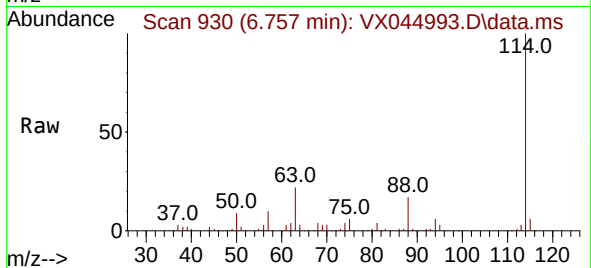




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

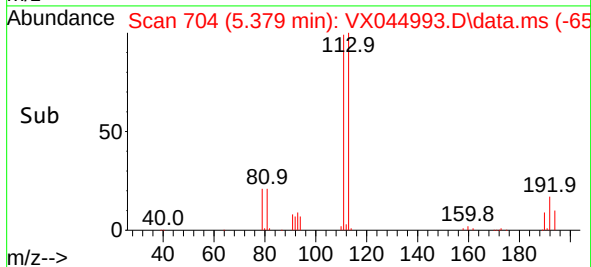
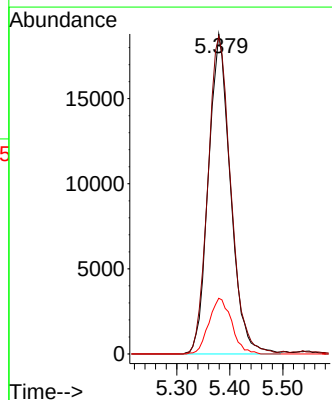
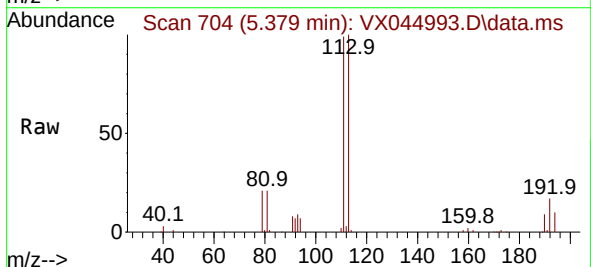
Instrument :
MSVOA_X
ClientSampleId :
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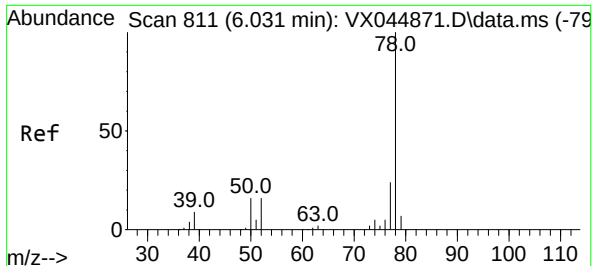
Tgt Ion:114 Resp: 162106
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 16.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.517 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

Tgt Ion:113 Resp: 54297
Ion Ratio Lower Upper
113 100
111 103.1 83.5 125.3
192 18.0 14.4 21.6

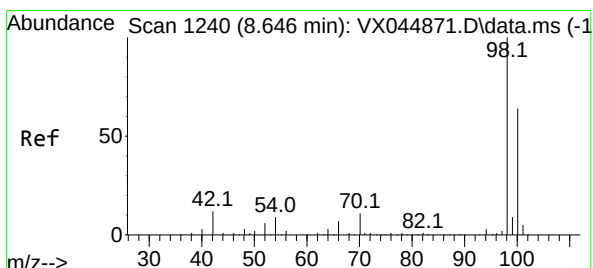
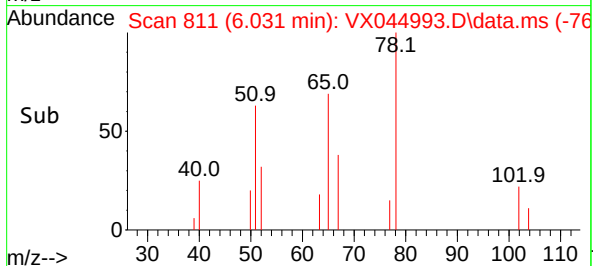
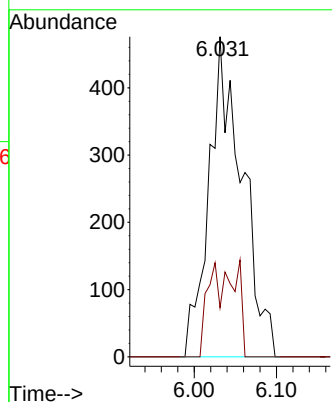
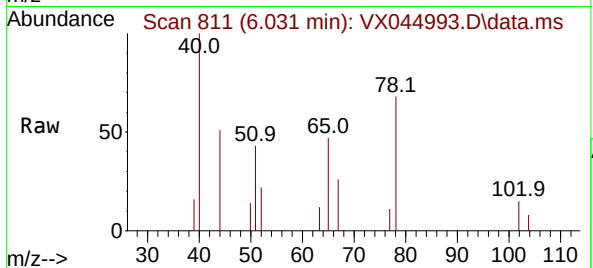




#40
Benzene
Concen: 0.280 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

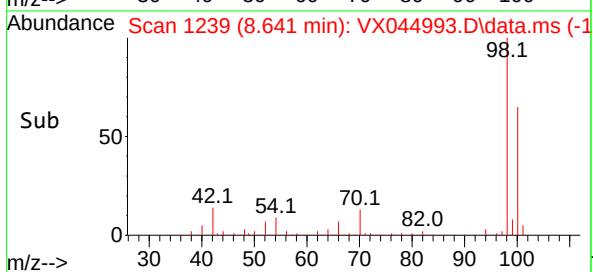
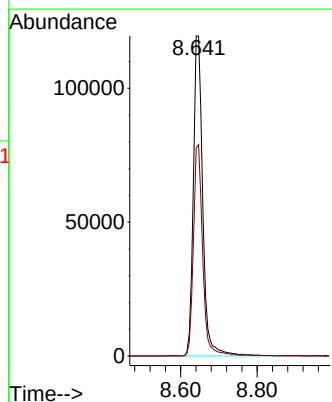
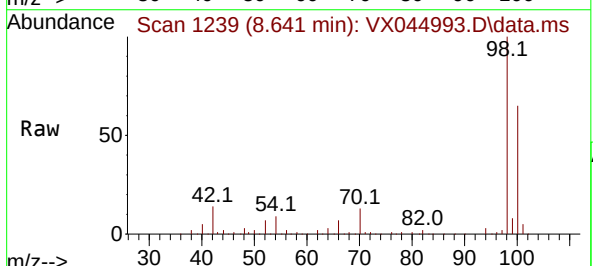
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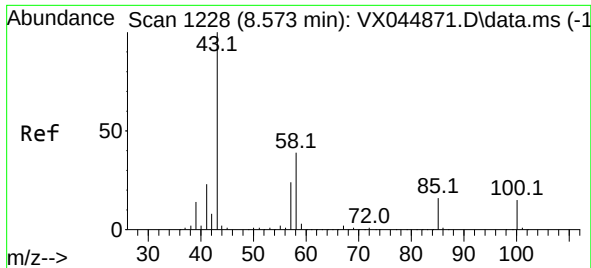
Tgt Ion: 78 Resp: 1330
Ion Ratio Lower Upper
78 100
77 15.3 19.0 28.6#



#50
Toluene-d8
Concen: 51.425 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

Tgt Ion: 98 Resp: 204953
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

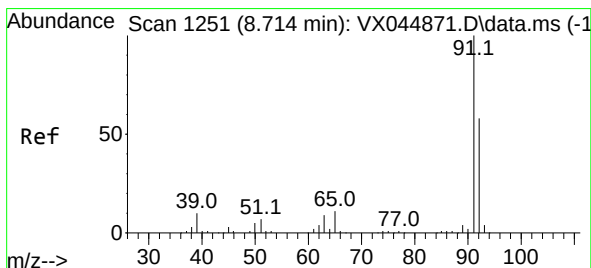
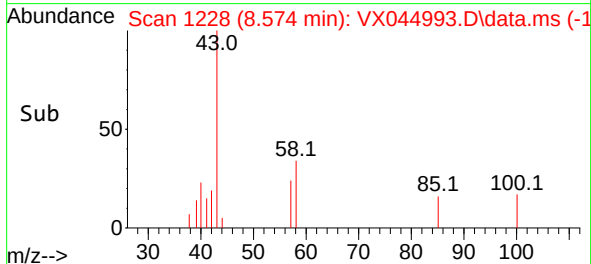
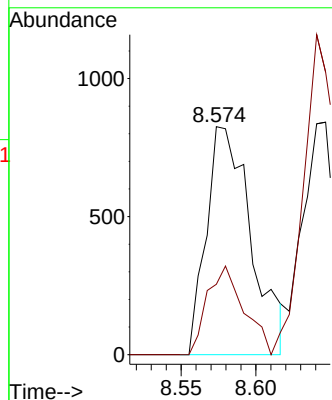
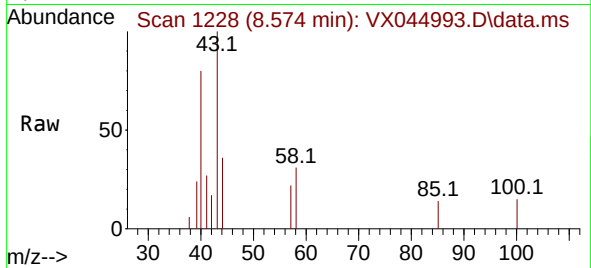




#51
4-Methyl-2-Pentanone
Concen: 1.032 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

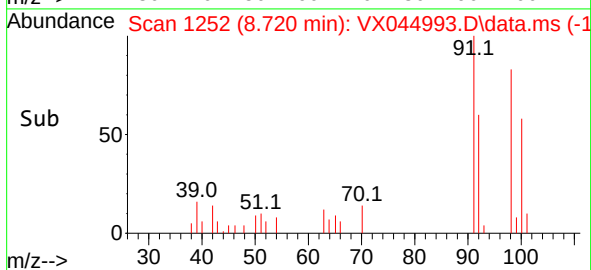
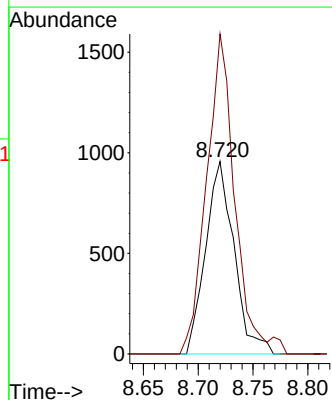
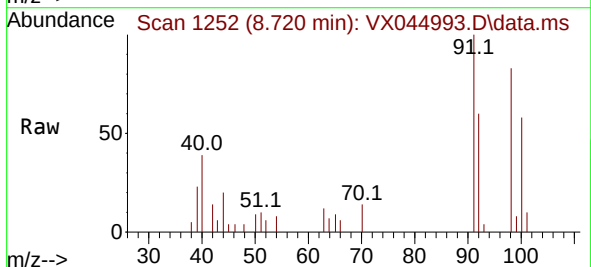
Instrument :
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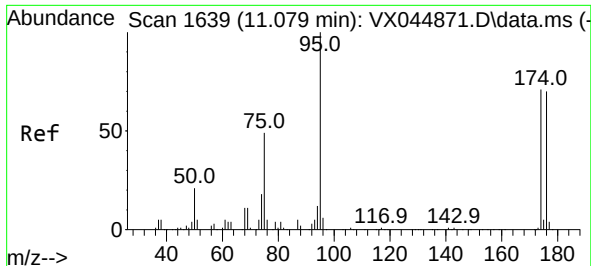
Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 31.9 30.8 46.2



#52
Toluene
Concen: 0.612 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

Tgt Ion: 92 Resp: 1731
Ion Ratio Lower Upper
92 100
91 165.3 137.4 206.2

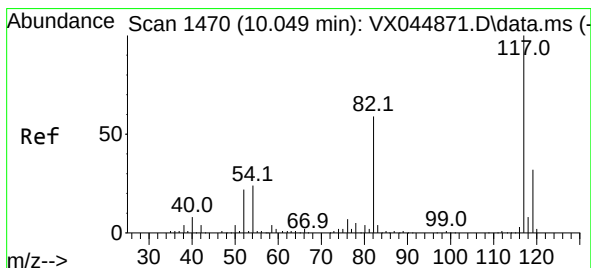
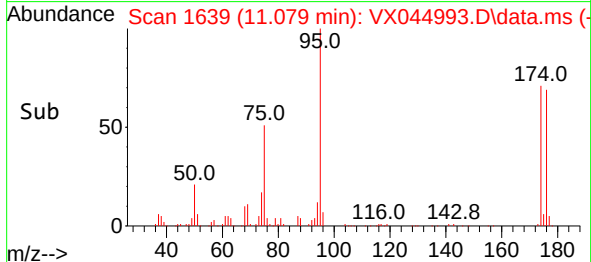
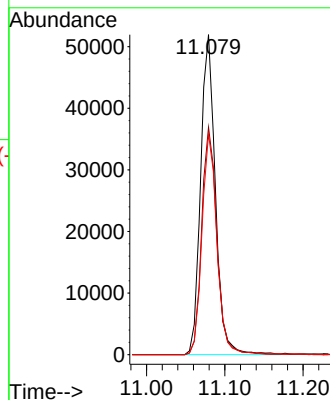
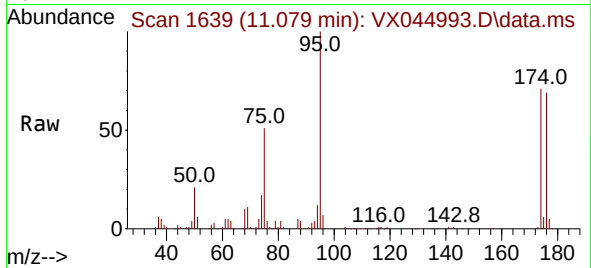




#62
4-Bromofluorobenzene
Concen: 50.769 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

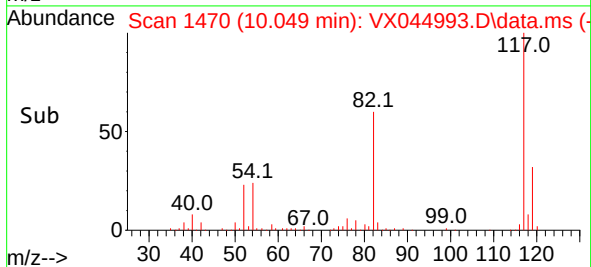
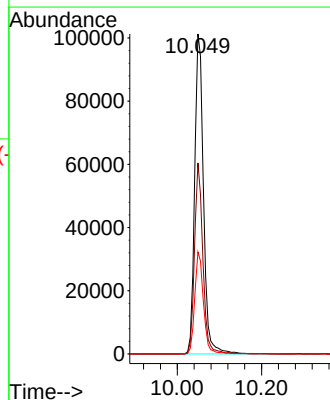
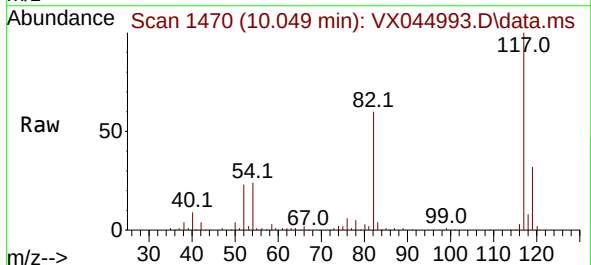
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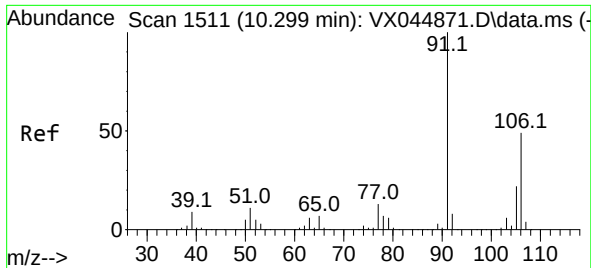
Tgt Ion: 95 Resp: 68212
Ion Ratio Lower Upper
95 100
174 72.9 0.0 142.6
176 69.7 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

Tgt Ion: 117 Resp: 147456
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 31.9 25.4 38.0

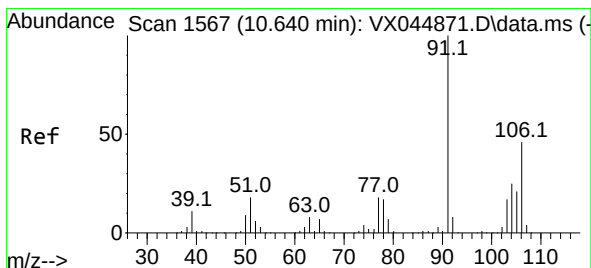
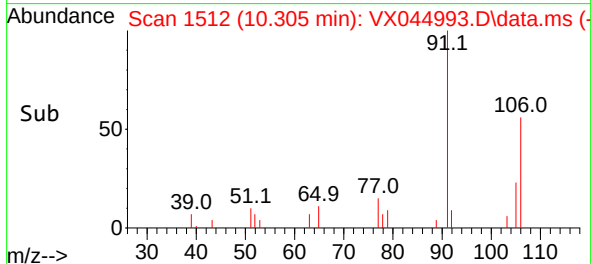
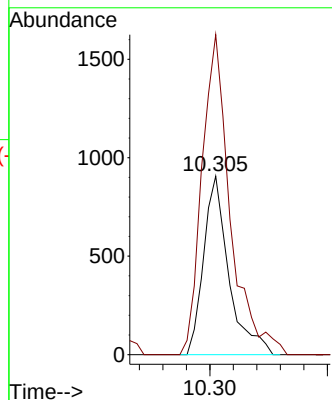
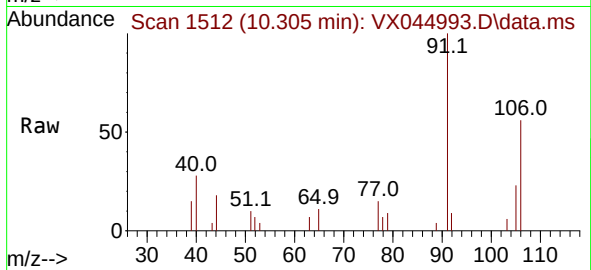




#68
m/p-Xylenes
Concen: 0.655 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

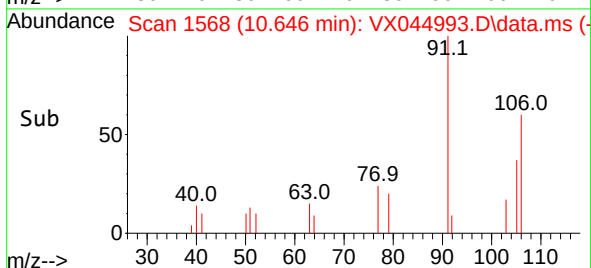
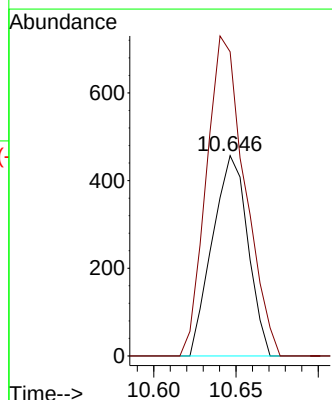
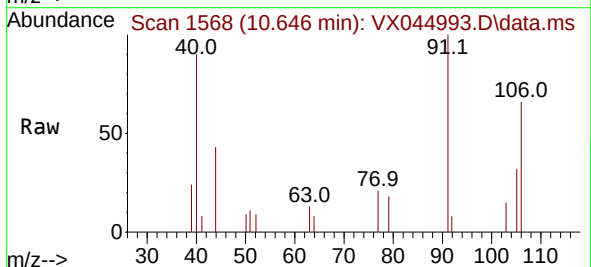
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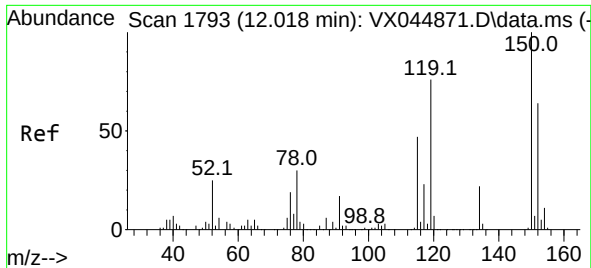
Tgt Ion:106 Resp: 1350
Ion Ratio Lower Upper
106 100
91 201.0 164.3 246.5



#69
o-Xylene
Concen: 0.331 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX044993.D
Acq: 18 Feb 2025 17:17

Tgt Ion:106 Resp: 685
Ion Ratio Lower Upper
106 100
91 173.4 108.5 325.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044993.D

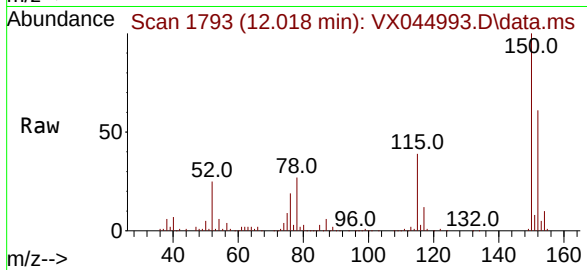
Acq: 18 Feb 2025 17:17

Instrument :

MSVOA_X

ClientSampleId :

MW33



Tgt Ion:152 Resp: 59734

Ion Ratio Lower Upper

152 100

115 63.0 43.4 130.1

150 158.9 0.0 350.4

