

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045133.D
 Acq On : 05 Mar 2025 11:40
 Operator : JC/MD
 Sample : Q1448-04ME
 Misc : 6.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P3ME

Quant Time: Mar 06 01:02:05 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)

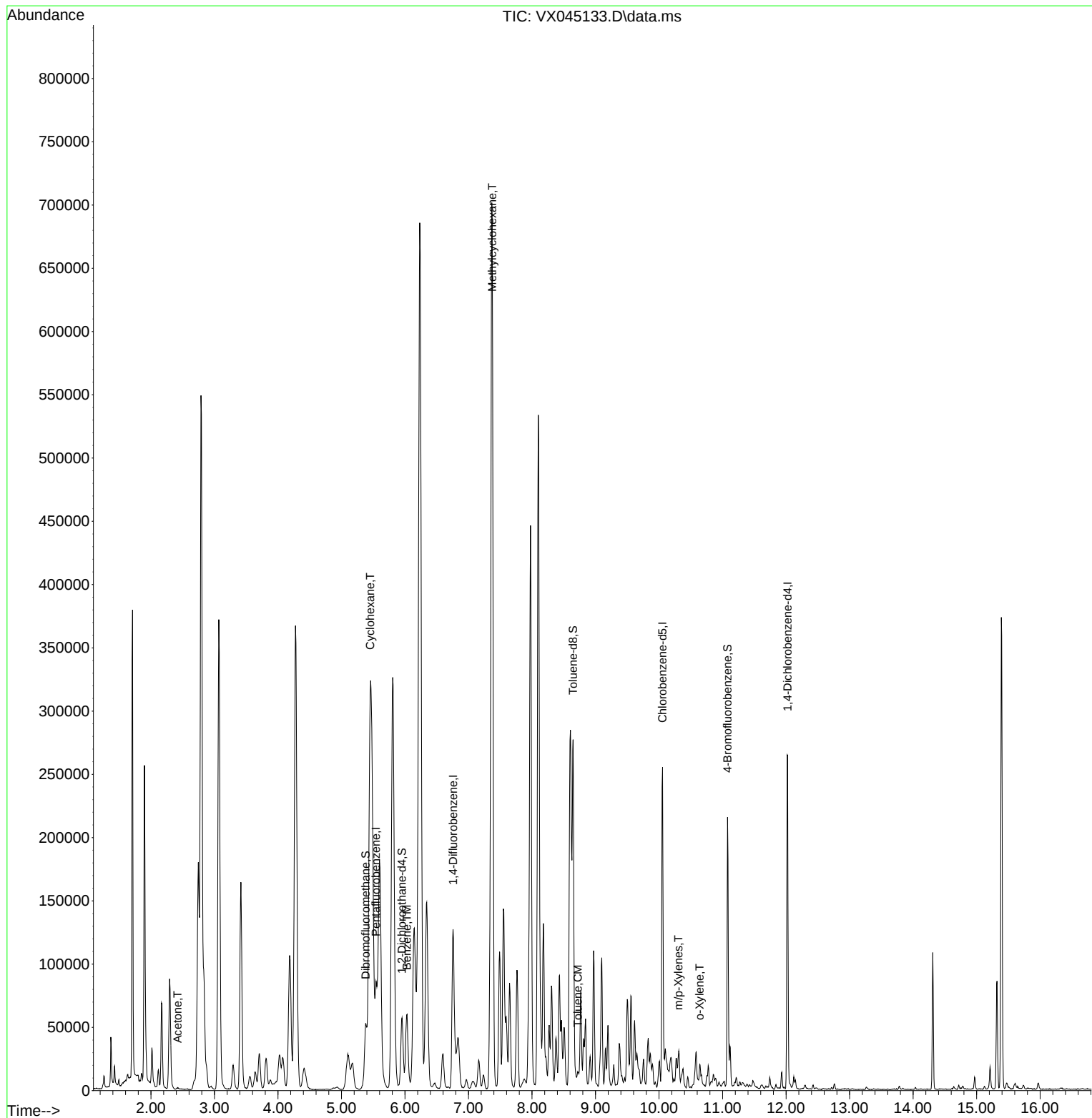
Internal Standards						
1) Pentafluorobenzene	5.544	168	67331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52674	49.182	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.360%
35) Dibromofluoromethane	5.379	113	42058	48.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	8.647	98	157997	50.707	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.420%
62) 4-Bromofluorobenzene	11.079	95	56403	54.627	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.260%
Target Compounds						
					Qvalue	
16) Acetone	2.416	43	1522	3.063	ug/l	96
31) Cyclohexane	5.452	56	229490	157.496	ug/l	96
39) Methylcyclohexane	7.373	83	305736	216.477	ug/l	98
40) Benzene	6.031	78	70701	18.996	ug/l	98
52) Toluene	8.720	92	3128	1.432	ug/l	90
68) m/p-Xylenes	10.305	106	2532	1.624	ug/l	83
69) o-Xylene	10.640	106	3642	2.317	ug/l	90

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

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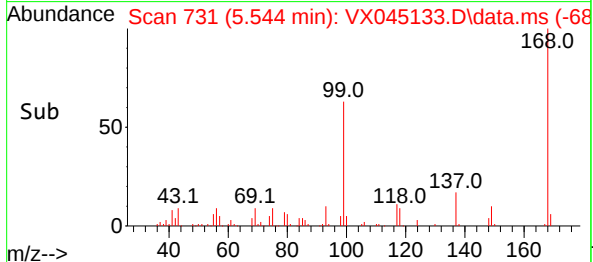
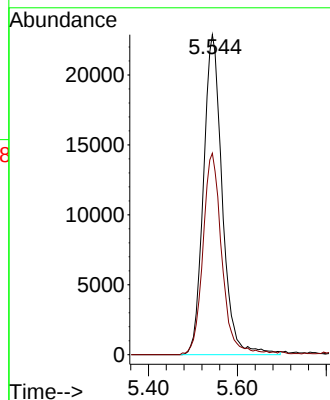
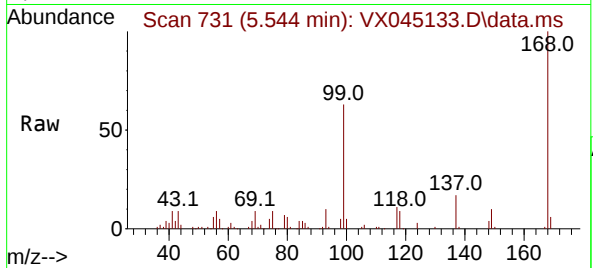




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

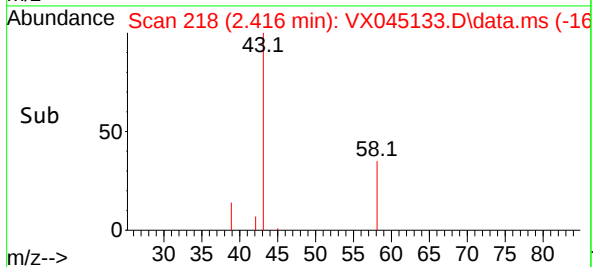
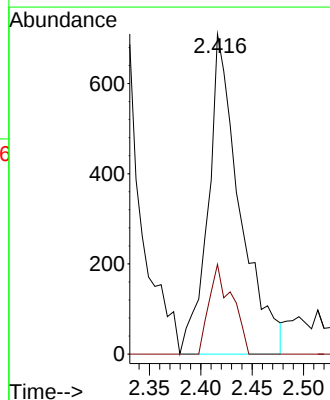
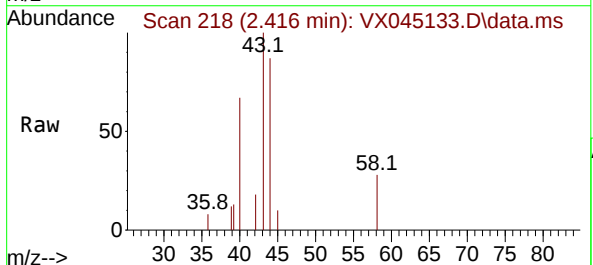
Instrument :
MSVOA_X
ClientSampleId :
P3ME

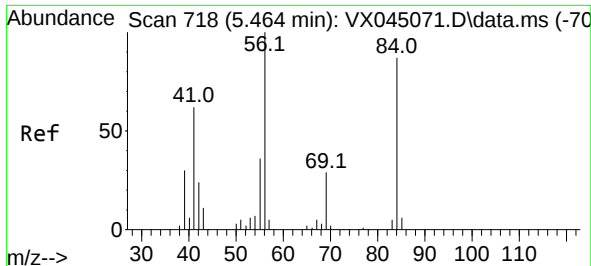
Tgt Ion:168 Resp: 67331
Ion Ratio Lower Upper
168 100
99 63.0 48.2 72.4



#16
Acetone
Concen: 3.063 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.030 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
58 28.0 24.2 36.4

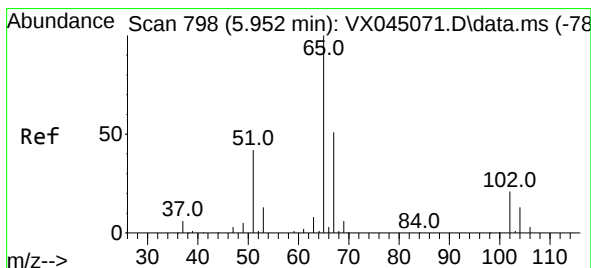
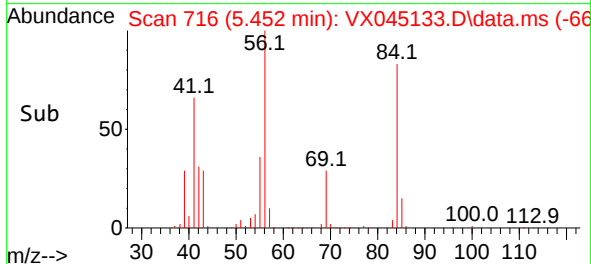
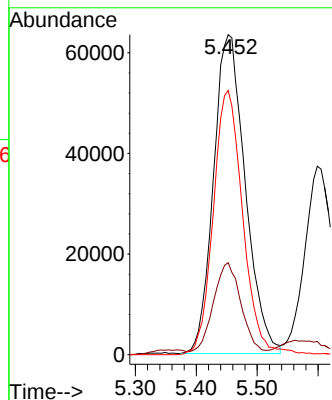
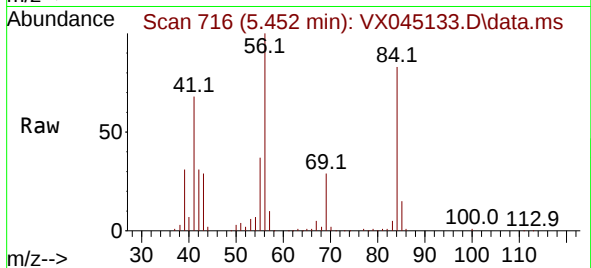




#31
Cyclohexane
Concen: 157.496 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

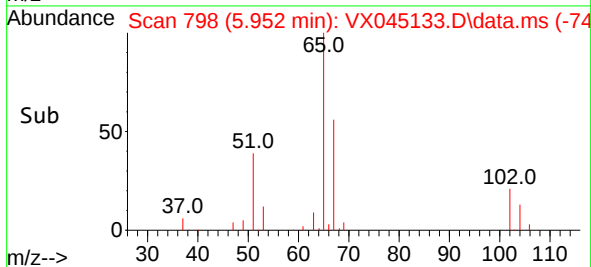
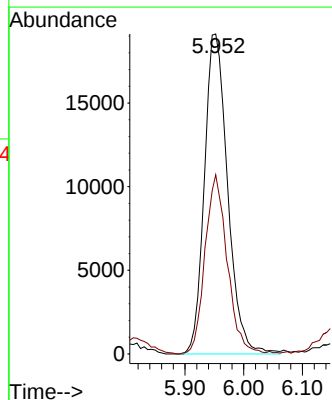
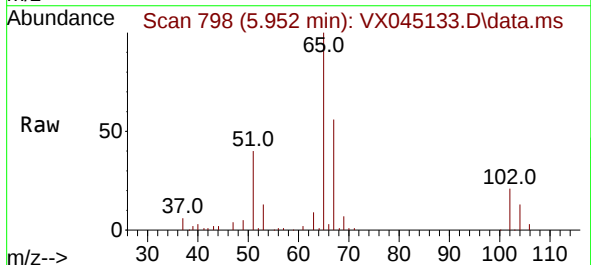
Instrument :
MSVOA_X
ClientSampleId :
P3ME

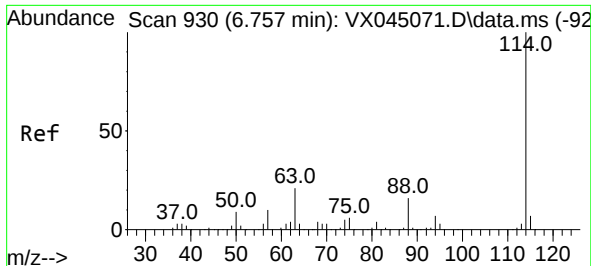
Tgt Ion: 56 Resp: 229490
Ion Ratio Lower Upper
56 100
69 27.4 23.4 35.2
84 82.7 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 49.182 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion: 65 Resp: 52674
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.2

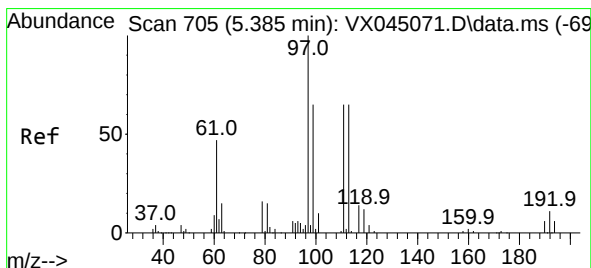
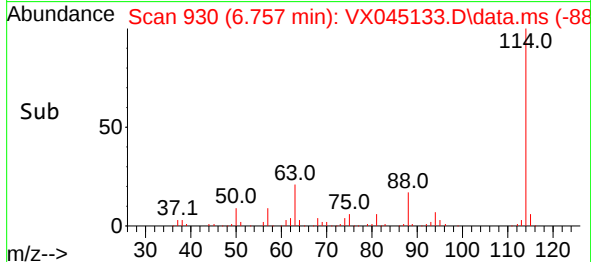
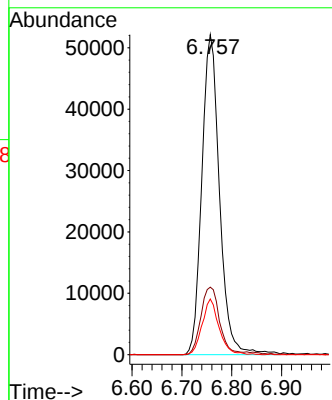
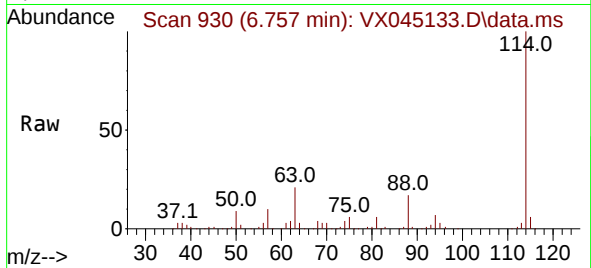




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

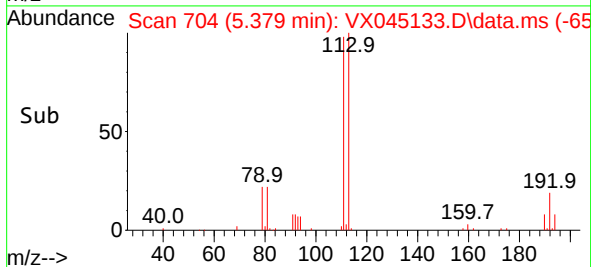
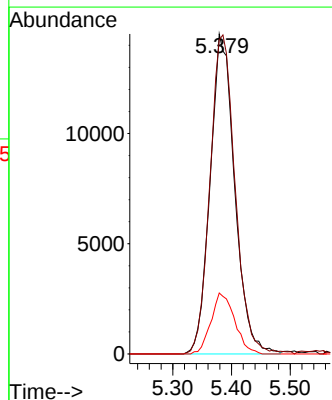
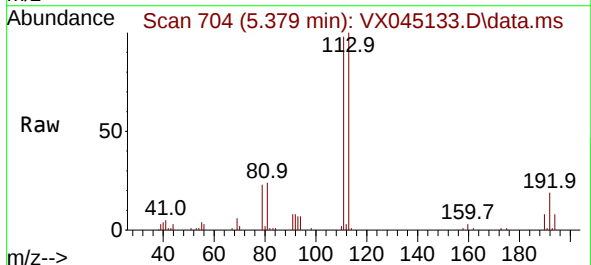
Instrument :
MSVOA_X
ClientSampleId :
P3ME

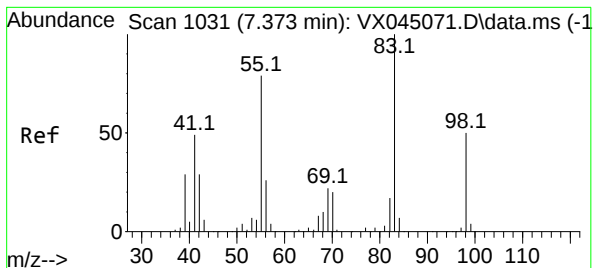
Tgt Ion:114 Resp: 128533
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.935 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion:113 Resp: 42058
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 18.4 14.3 21.5





#39

Methylcyclohexane

Concen: 216.477 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045133.D

Acq: 05 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

P3ME

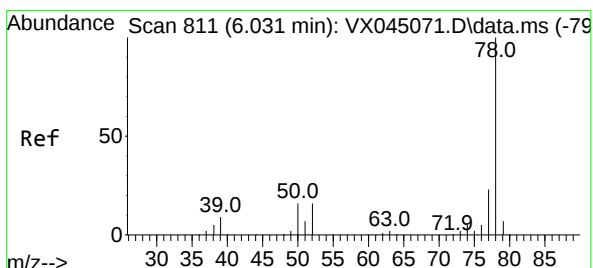
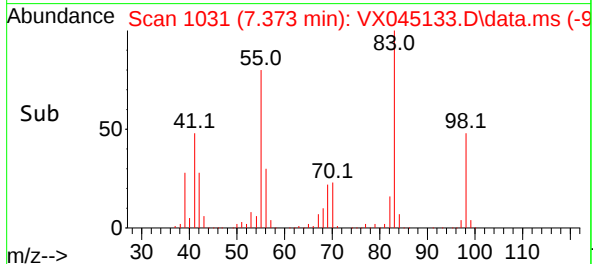
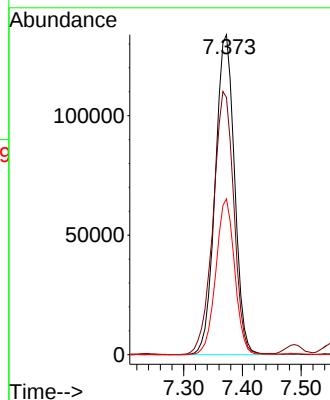
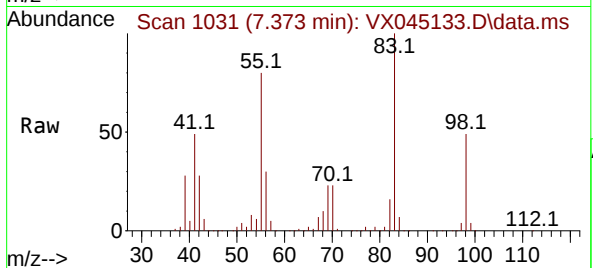
Tgt Ion: 83 Resp: 305736

Ion Ratio Lower Upper

83 100

55 80.3 63.0 94.4

98 48.7 39.7 59.5



#40

Benzene

Concen: 18.996 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045133.D

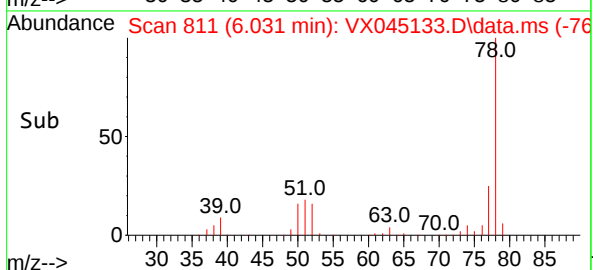
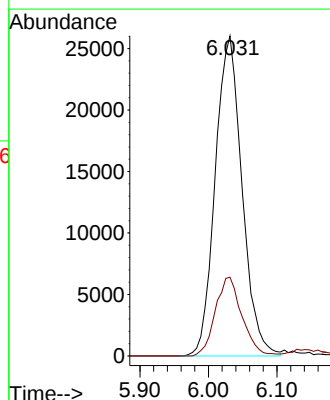
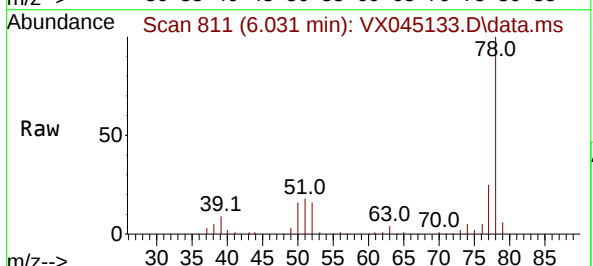
Acq: 05 Mar 2025 11:40

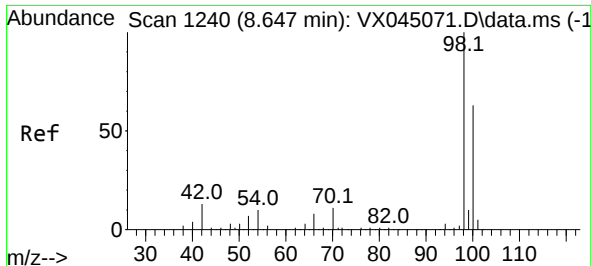
Tgt Ion: 78 Resp: 70701

Ion Ratio Lower Upper

78 100

77 24.6 18.8 28.2

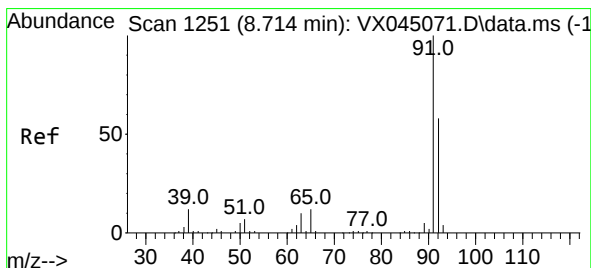
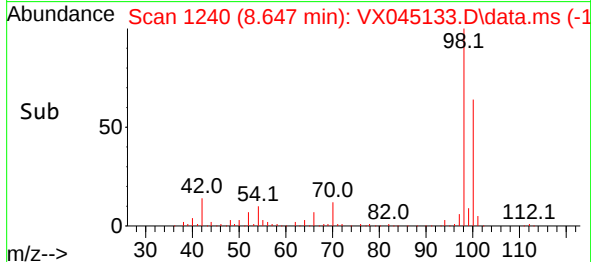
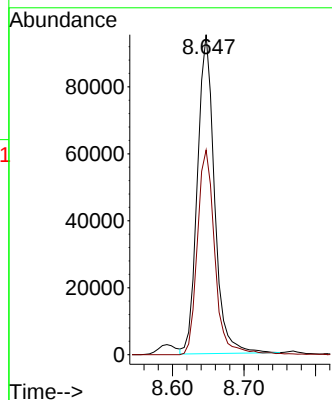
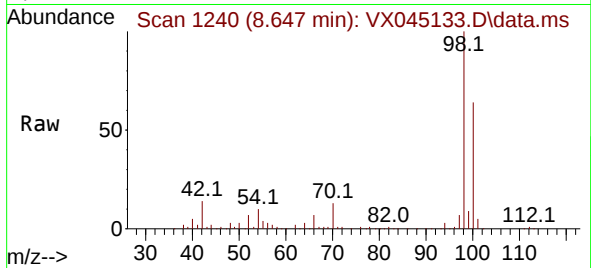




#50
Toluene-d8
Concen: 50.707 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

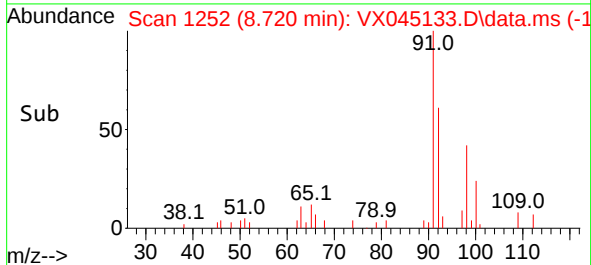
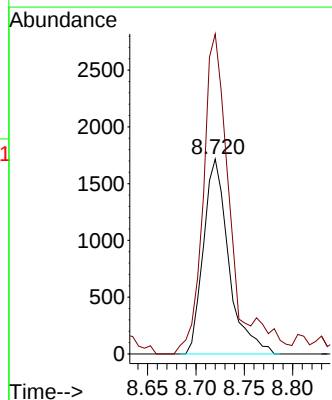
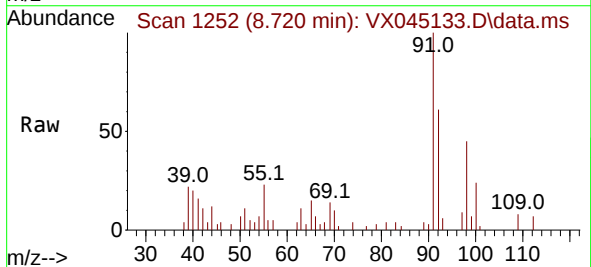
Instrument :
MSVOA_X
ClientSampleId :
P3ME

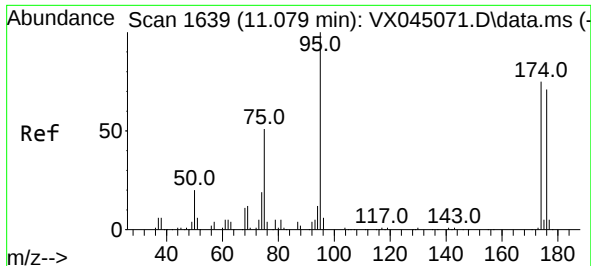
Tgt Ion: 98 Resp: 157997
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#52
Toluene
Concen: 1.432 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion: 92 Resp: 3128
Ion Ratio Lower Upper
92 100
91 160.1 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 54.627 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045133.D

Acq: 05 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

P3ME

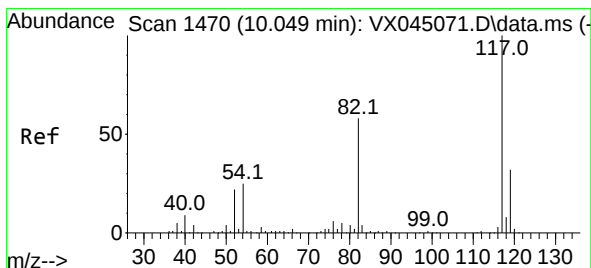
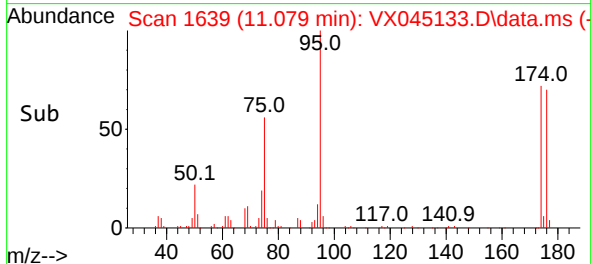
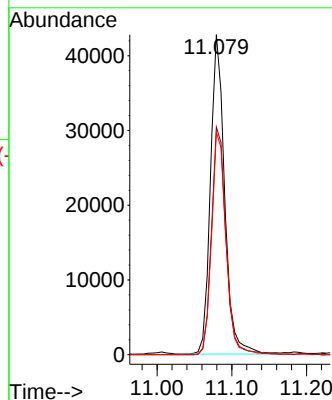
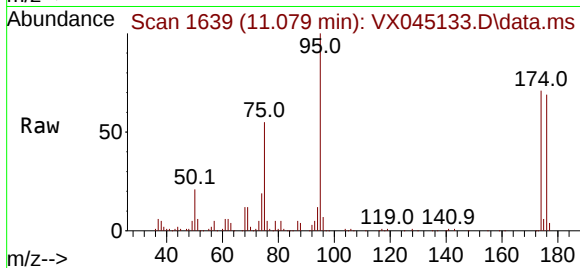
Tgt Ion: 95 Resp: 56403

Ion Ratio Lower Upper

95 100

174 72.6 0.0 148.2

176 71.1 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045133.D

Acq: 05 Mar 2025 11:40

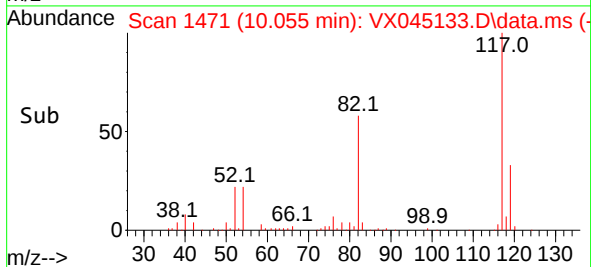
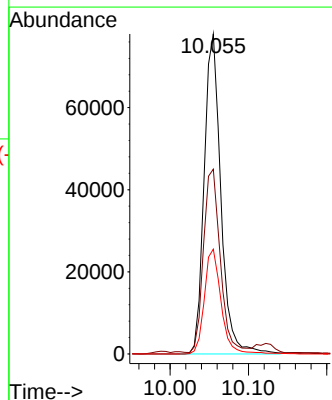
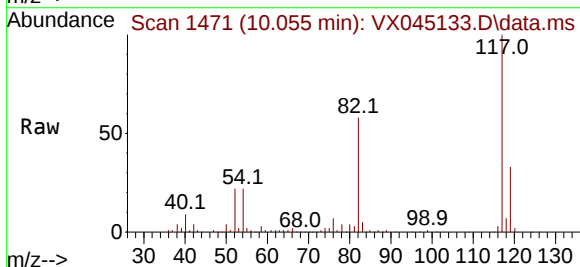
Tgt Ion: 117 Resp: 115484

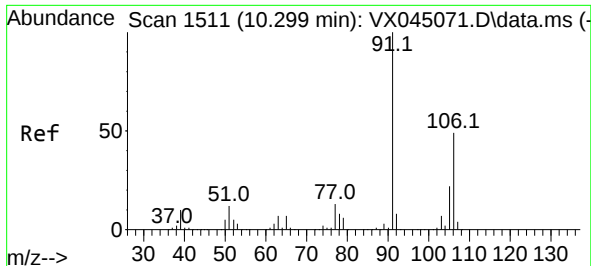
Ion Ratio Lower Upper

117 100

82 57.0 46.3 69.5

119 32.8 25.7 38.5

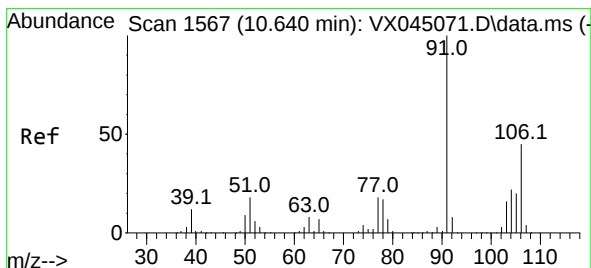
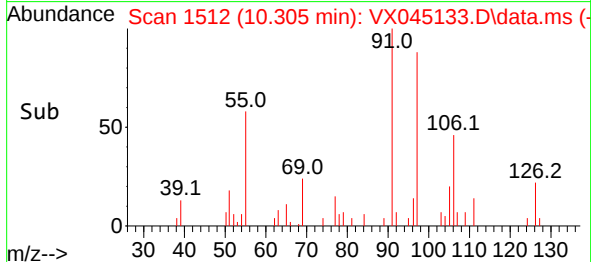
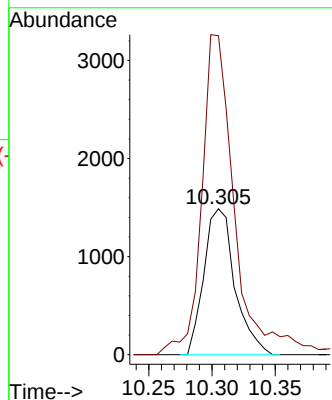
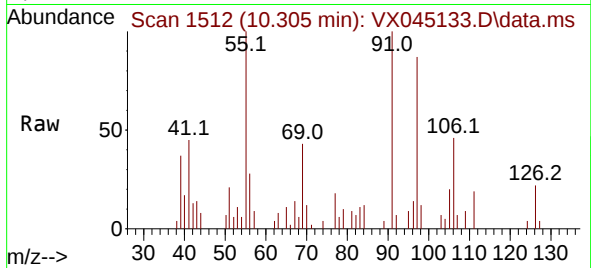




#68
m/p-Xylenes
Concen: 1.624 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

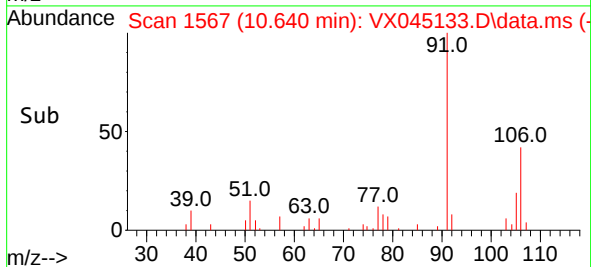
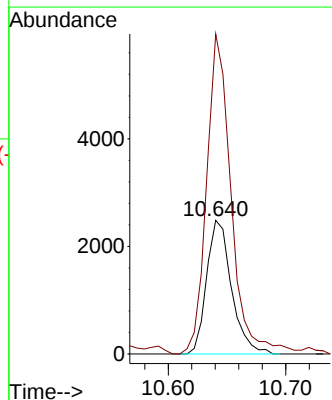
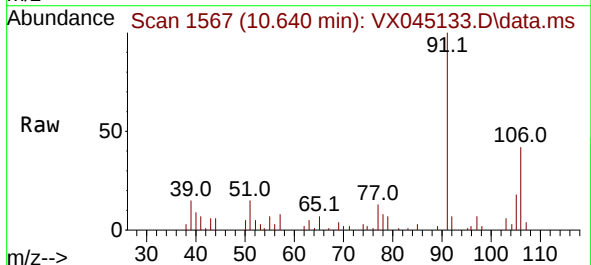
Instrument :
MSVOA_X
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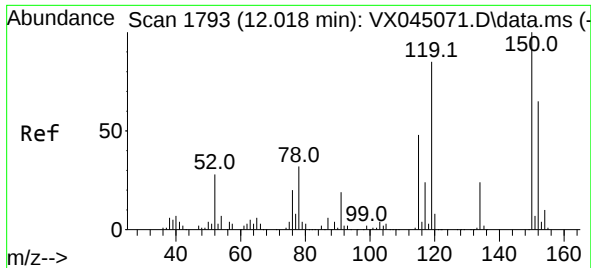
Tgt Ion:106 Resp: 2532
Ion Ratio Lower Upper
106 100
91 233.1 165.4 248.0



#69
o-Xylene
Concen: 2.317 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

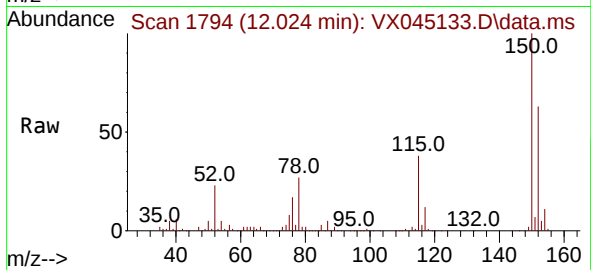
Tgt Ion:106 Resp: 3642
Ion Ratio Lower Upper
106 100
91 236.2 109.9 329.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045133.D
 Acq: 05 Mar 2025 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 P3ME



Tgt Ion:152 Resp: 55033
 Ion Ratio Lower Upper
 152 100
 115 62.0 44.2 132.6
 150 157.4 0.0 349.0

