

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039961.D
 Acq On : 25 Jan 2024 17:59
 Operator : JC/MD
 Sample : P1258-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50234

Quant Time: Jan 26 01:38:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66530	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	65012	46.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.080%
35) Dibromofluoromethane	5.385	113	48009	47.541	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	8.647	98	176628	46.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.740%
62) 4-Bromofluorobenzene	11.079	95	73000	49.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%

Target Compounds

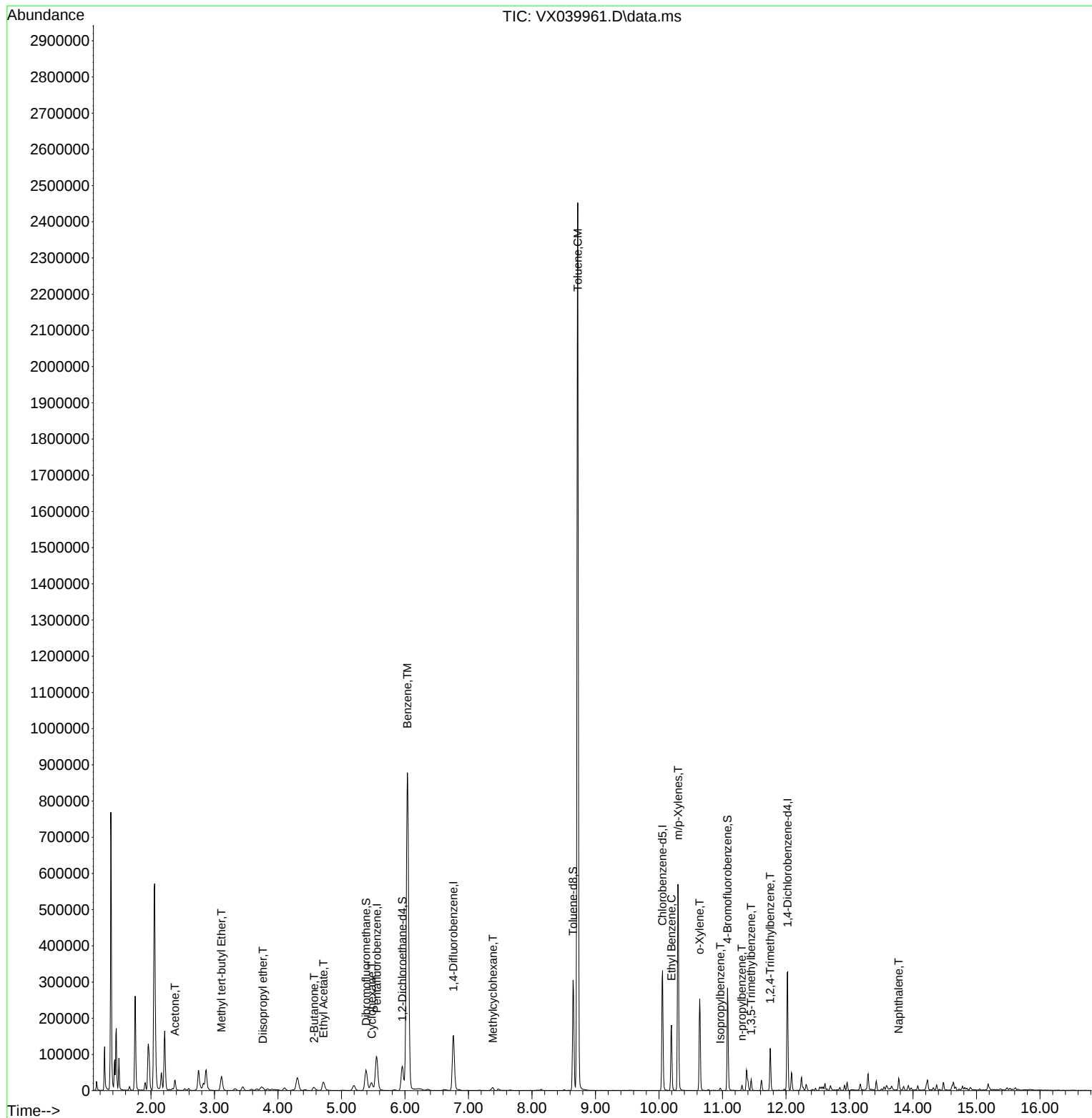
						Qvalue
16) Acetone	2.380	43	28672	36.102	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	30877	8.572	ug/l #	55
22) Diisopropyl ether	3.764	45	6778	1.779	ug/l #	74
25) 2-Butanone	4.568	43	16167	14.165	ug/l	97
31) Cyclohexane	5.477	56	14741	7.909	ug/l	94
37) Ethyl Acetate	4.715	43	41354	19.721	ug/l	97
39) Methylcyclohexane	7.385	83	3633	1.925	ug/l	87
40) Benzene	6.038	78	1041467	233.986	ug/l	100
52) Toluene	8.720	92	874412	328.906	ug/l	96
67) Ethyl Benzene	10.195	91	102428	18.961	ug/l	99
68) m/p-Xylenes	10.299	106	122338	61.580	ug/l	96
69) o-Xylene	10.640	106	52082	26.472	ug/l	92
73) Isopropylbenzene	10.964	105	3728	0.704	ug/l	97
78) n-propylbenzene	11.305	91	8410	1.312	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	13106	2.913	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	48565	10.821	ug/l	96
95) Naphthalene	13.774	128	20044	3.986	ug/l	99

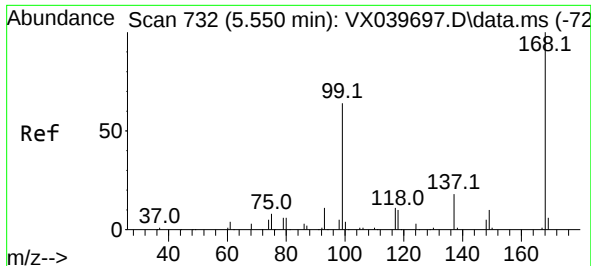
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
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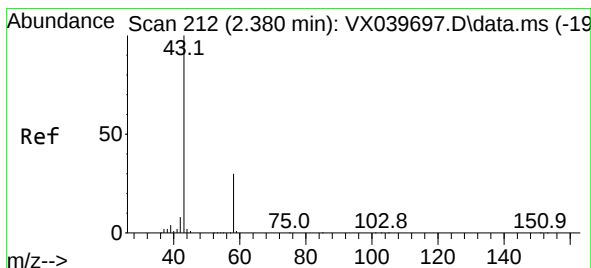
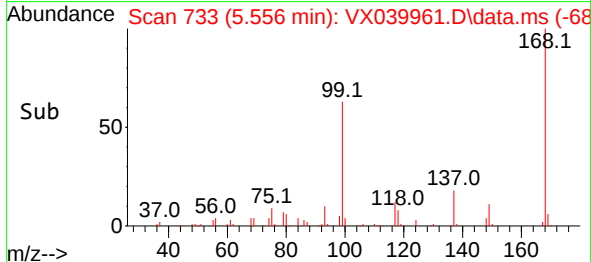
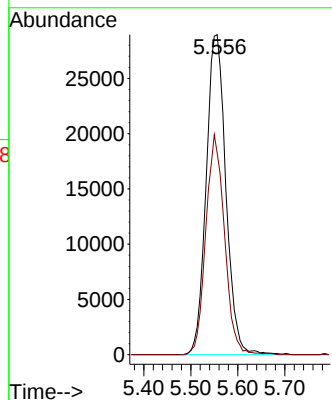
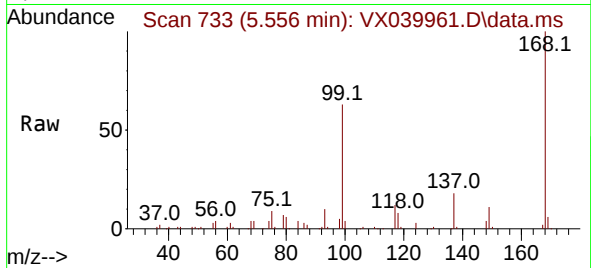




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

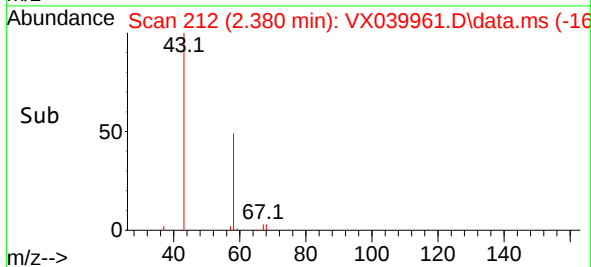
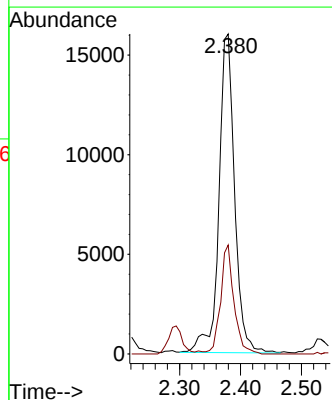
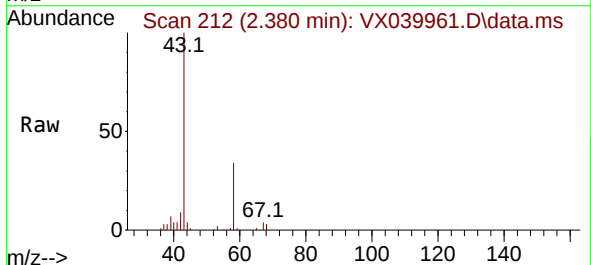
Instrument :
MSVOA_X
ClientSampleId :
50234

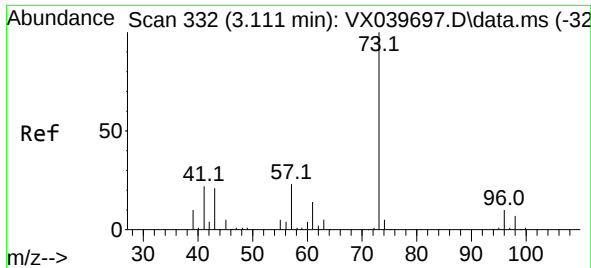
Tgt Ion:168 Resp: 84302
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#16
Acetone
Concen: 36.102 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 43 Resp: 28672
Ion Ratio Lower Upper
43 100
58 34.2 21.9 32.9#

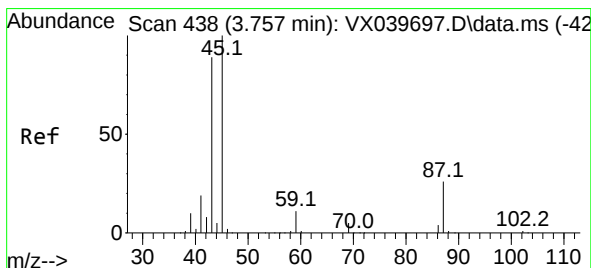
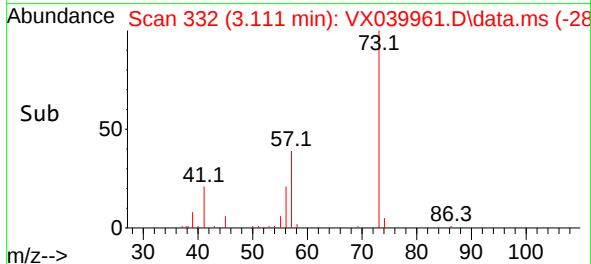
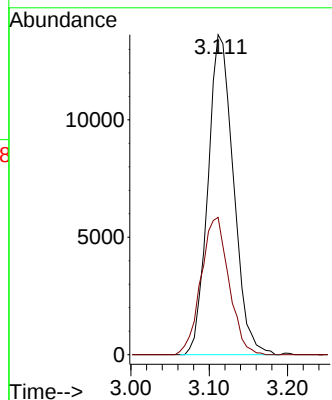
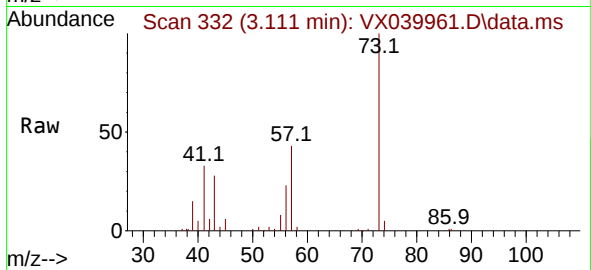




#19
Methyl tert-butyl Ether
Concen: 8.572 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

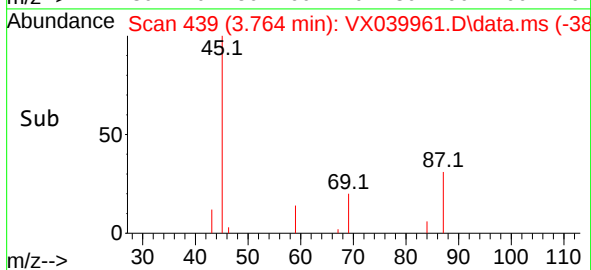
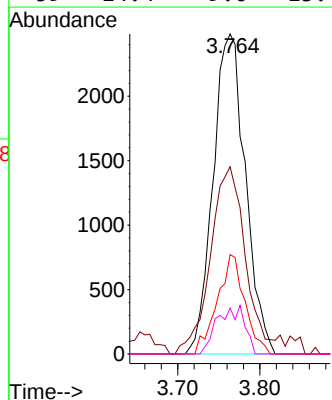
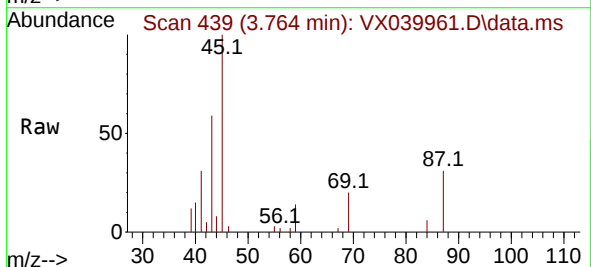
Instrument :
MSVOA_X
ClientSampleId :
50234

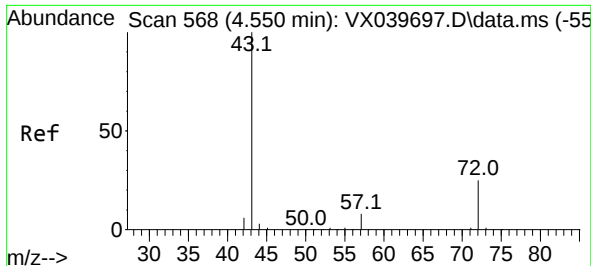
Tgt Ion: 73 Resp: 30877
Ion Ratio Lower Upper
73 100
57 42.9 17.3 25.9#



#22
Diisopropyl ether
Concen: 1.779 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 45 Resp: 6778
Ion Ratio Lower Upper
45 100
43 55.9 69.7 104.5#
87 31.1 20.8 31.2
59 14.4 9.0 13.4#

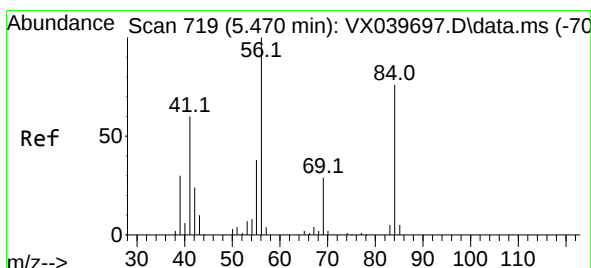
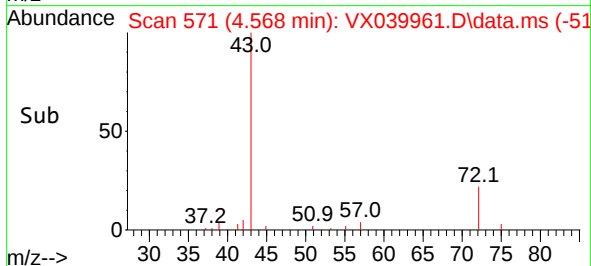
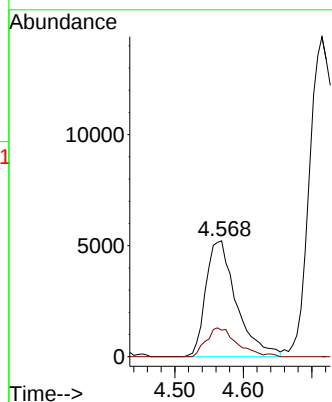
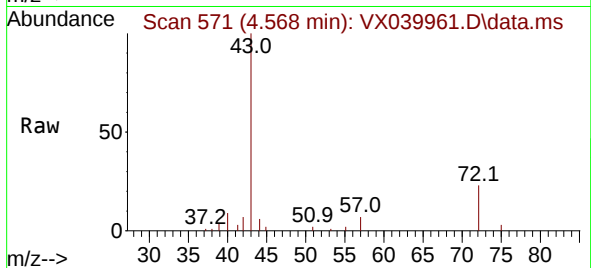




#25
2-Butanone
Concen: 14.165 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

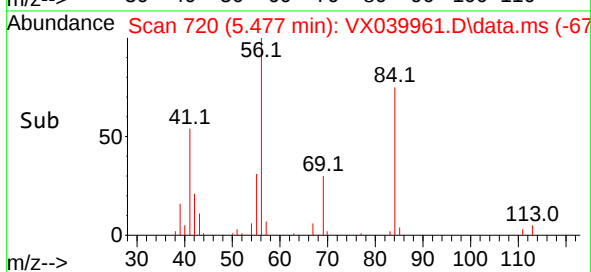
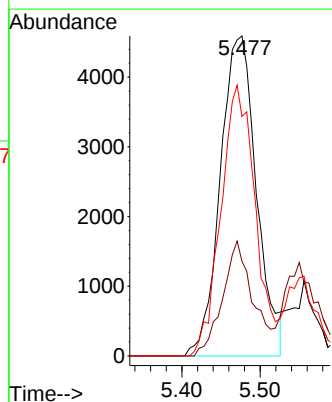
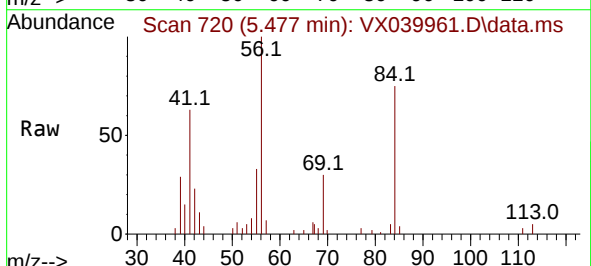
Instrument :
MSVOA_X
ClientSampleId :
50234

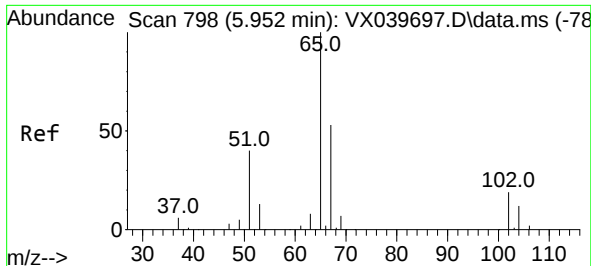
Tgt Ion: 43 Resp: 16167
Ion Ratio Lower Upper
43 100
72 23.0 19.4 29.2



#31
Cyclohexane
Concen: 7.909 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 56 Resp: 14741
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 74.9 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.037 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

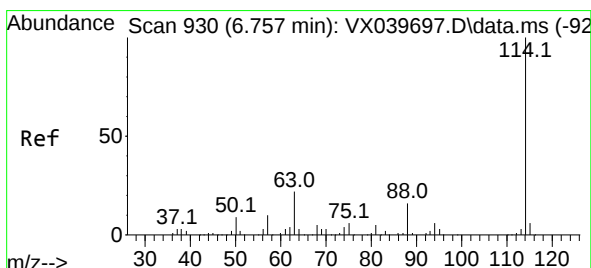
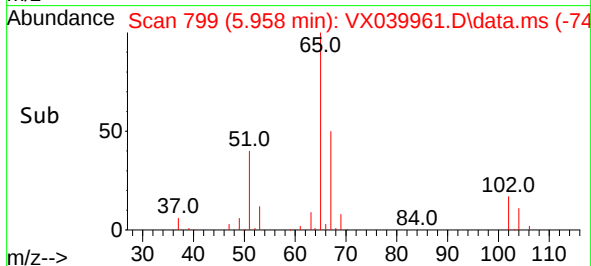
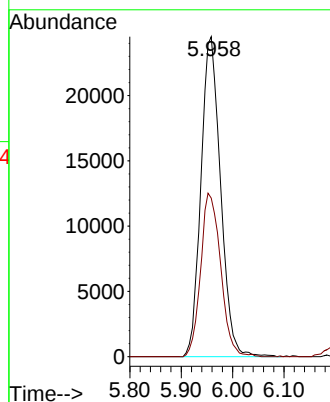
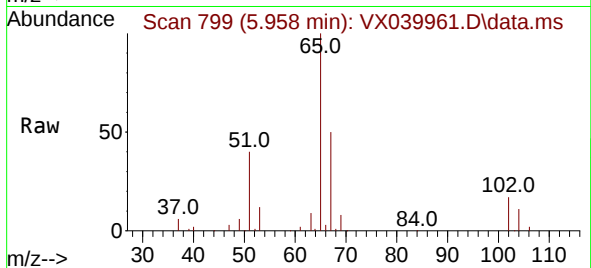
50234

Tgt Ion: 65 Resp: 65012

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

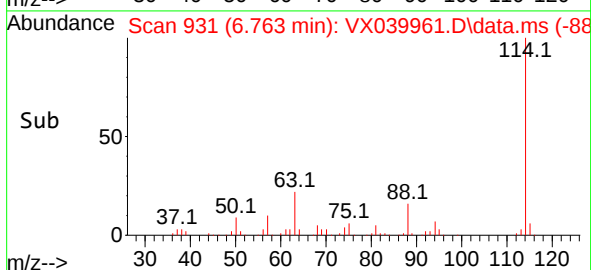
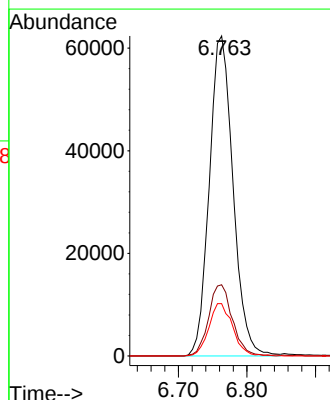
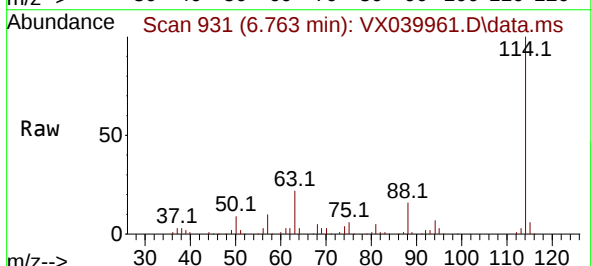
Tgt Ion: 114 Resp: 149931

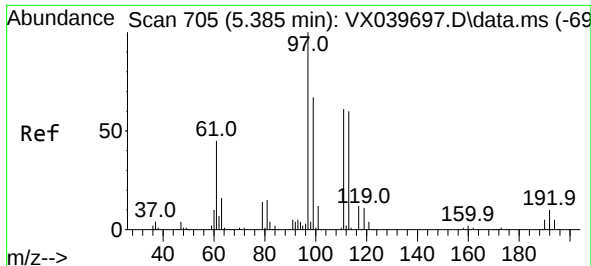
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 16.4 0.0 36.6

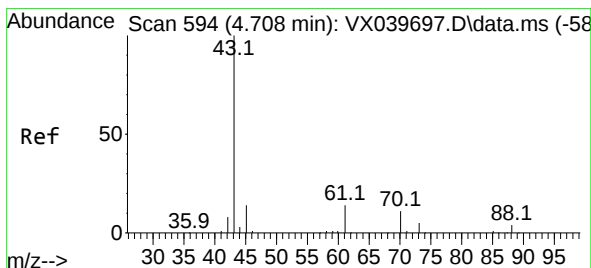
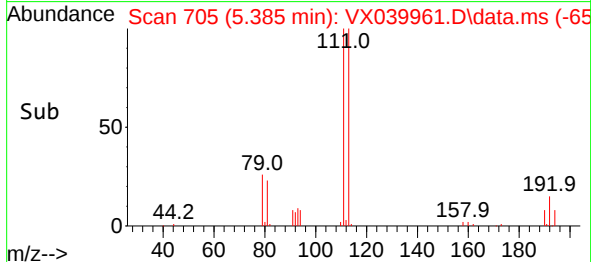
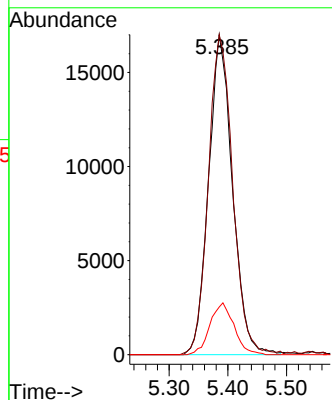
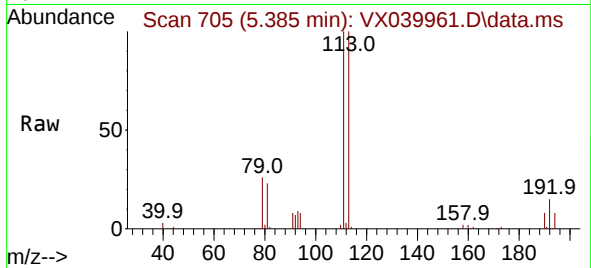




#35
Dibromofluoromethane
Concen: 47.541 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

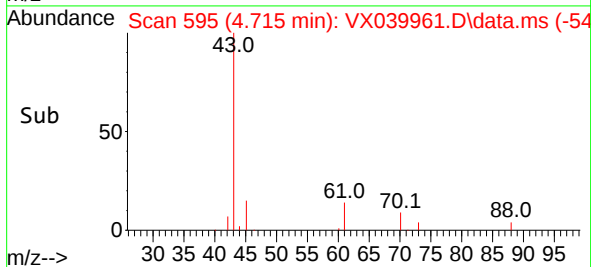
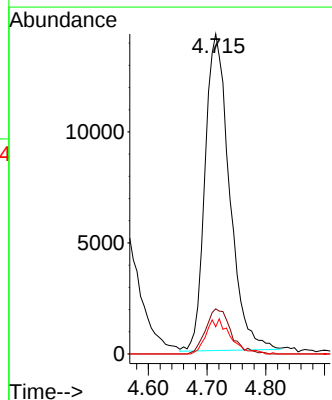
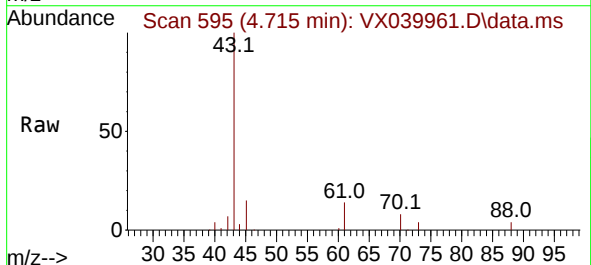
Instrument :
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ClientSampleId :
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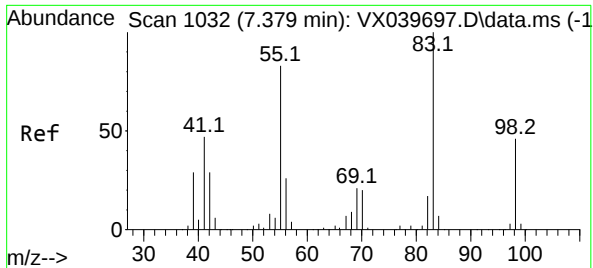
Tgt Ion:113 Resp: 48009
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.4 13.3 19.9



#37
Ethyl Acetate
Concen: 19.721 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 43 Resp: 41354
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 10.9 8.3 12.5

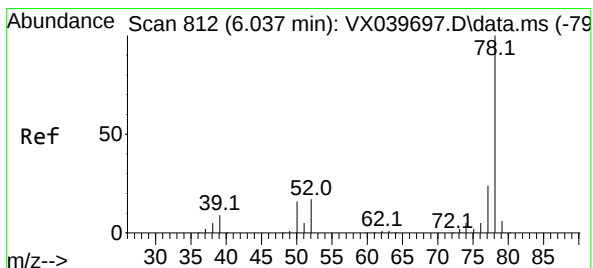
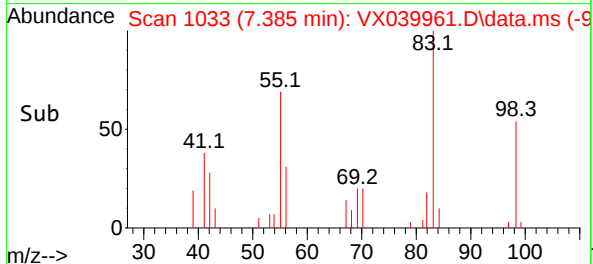
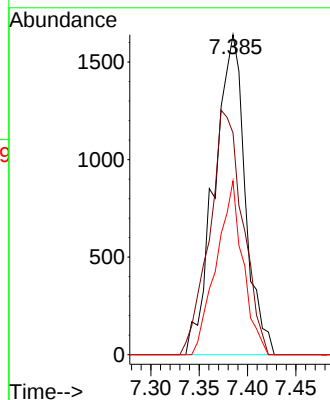
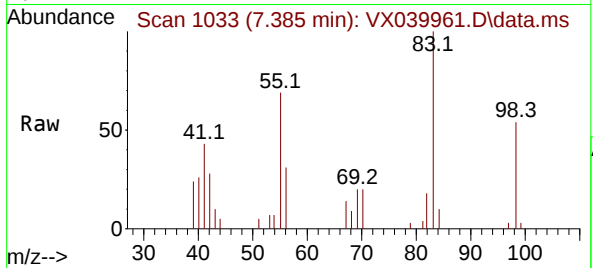




#39
Methylcyclohexane
Concen: 1.925 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

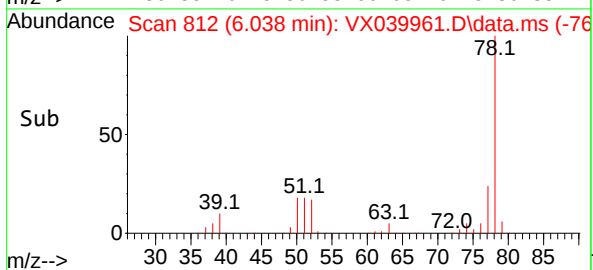
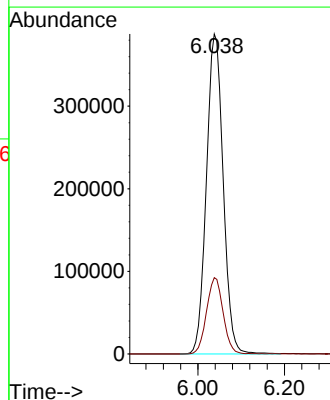
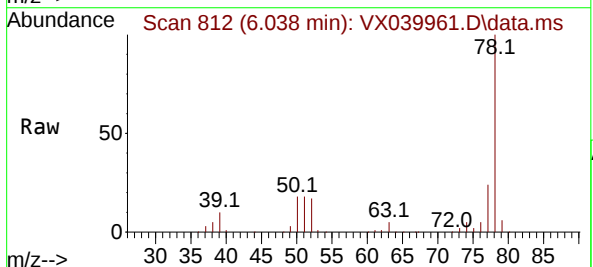
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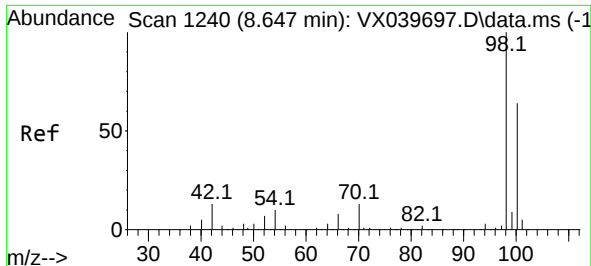
Tgt Ion: 83 Resp: 3633
Ion Ratio Lower Upper
83 100
55 69.3 64.6 97.0
98 54.3 36.7 55.1



#40
Benzene
Concen: 233.986 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 78 Resp: 1041467
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

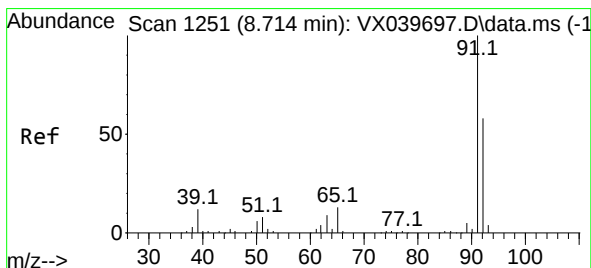
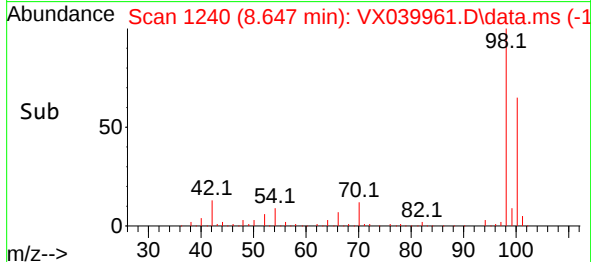
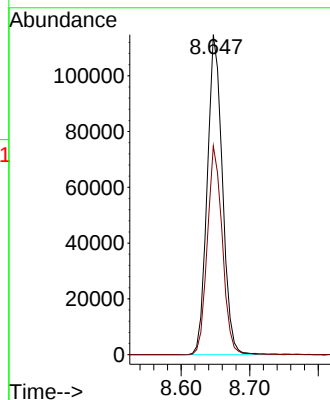
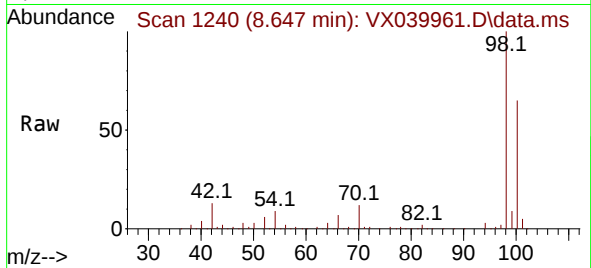




#50
Toluene-d8
Concen: 46.375 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

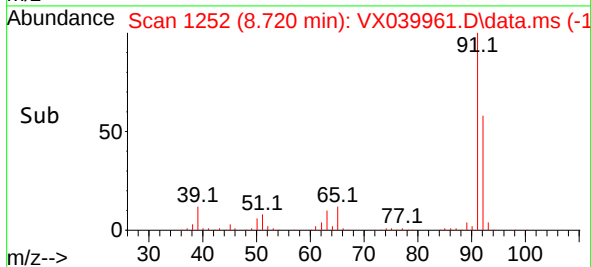
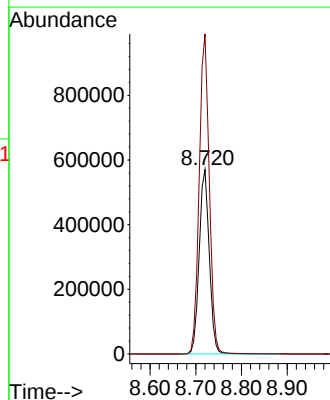
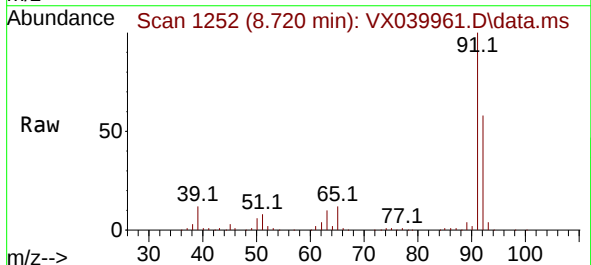
Instrument :
MSVOA_X
ClientSampleId :
50234

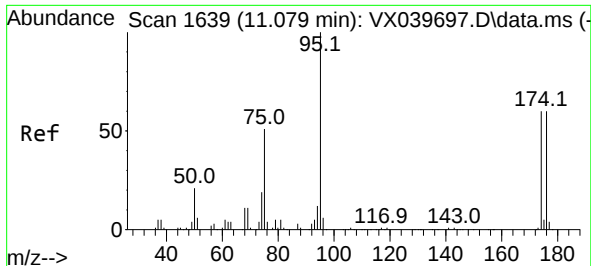
Tgt Ion: 98 Resp: 176628
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#52
Toluene
Concen: 328.906 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 92 Resp: 874412
Ion Ratio Lower Upper
92 100
91 173.1 134.2 201.2

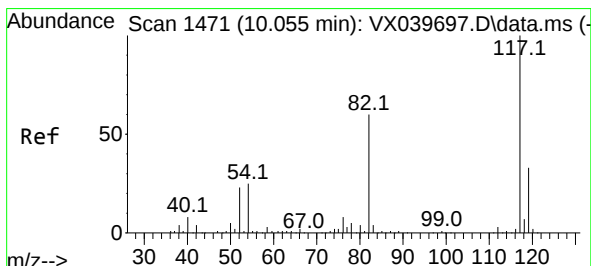
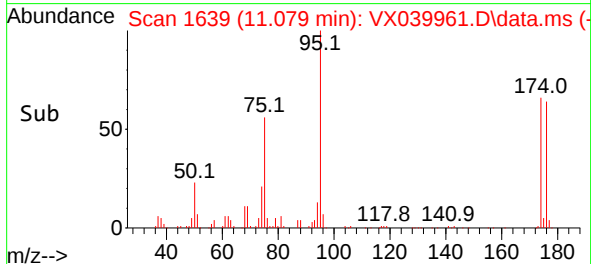
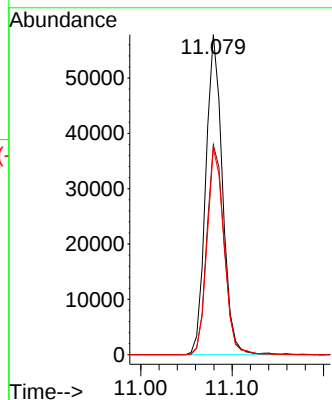
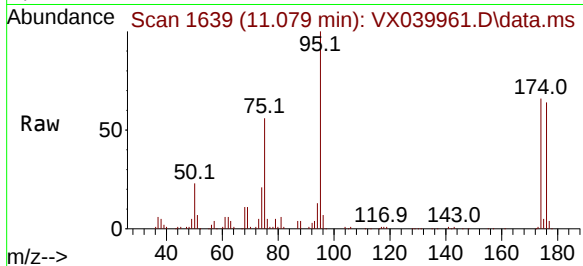




#62
4-Bromofluorobenzene
Concen: 49.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

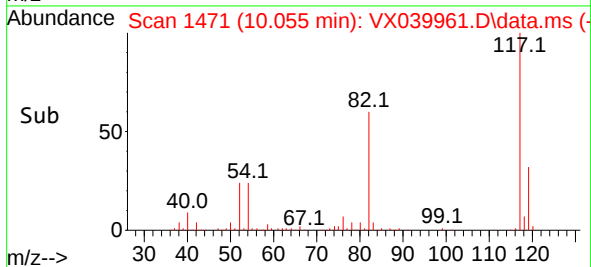
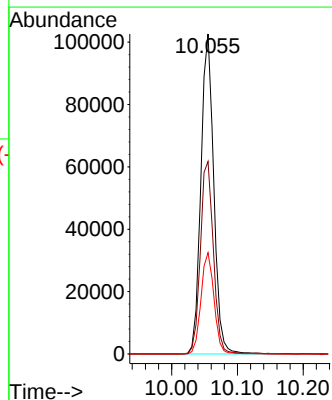
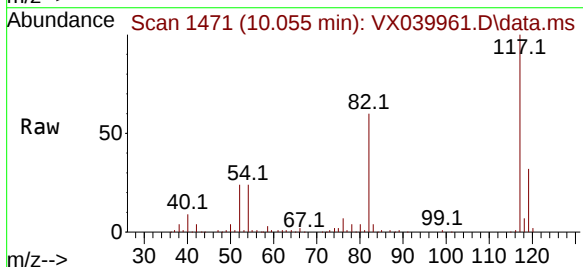
Instrument :
MSVOA_X
ClientSampleId :
50234

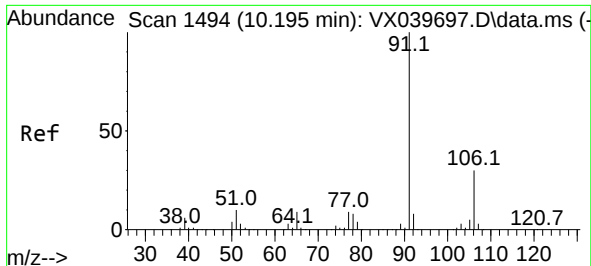
Tgt Ion: 95 Resp: 73000
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 65.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 117 Resp: 139700
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 31.7 25.5 38.3

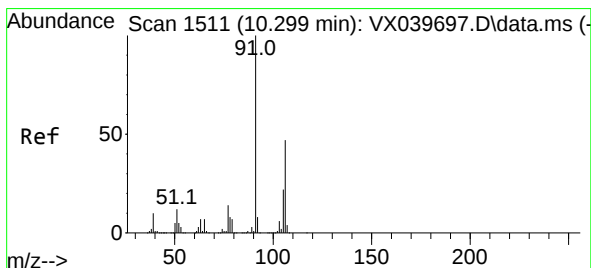
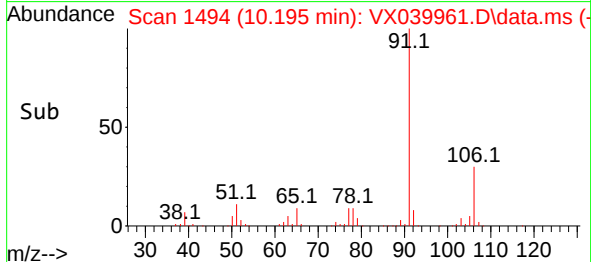
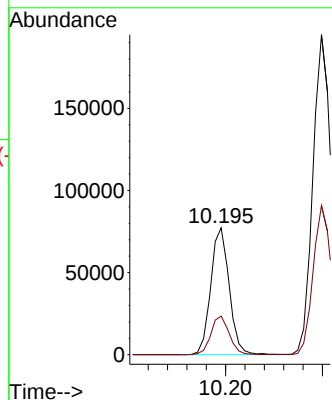
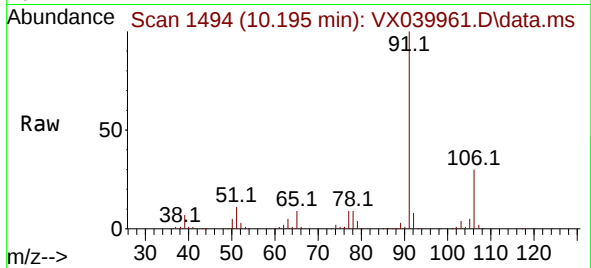




#67
Ethyl Benzene
Concen: 18.961 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

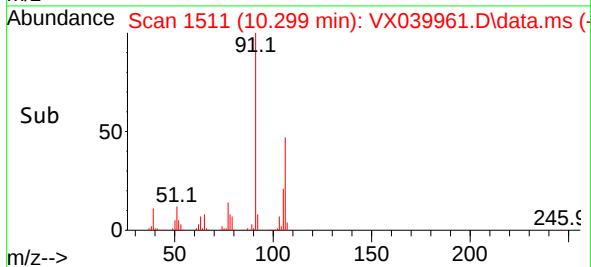
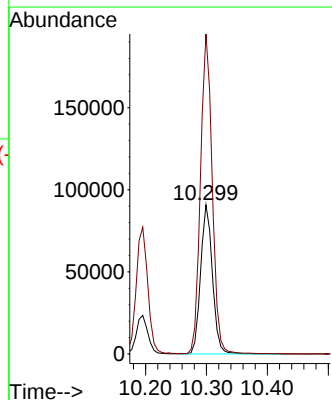
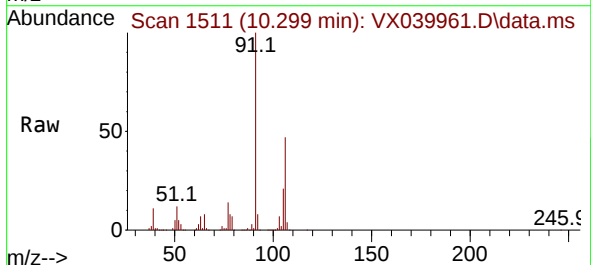
Instrument :
MSVOA_X
ClientSampleId :
50234

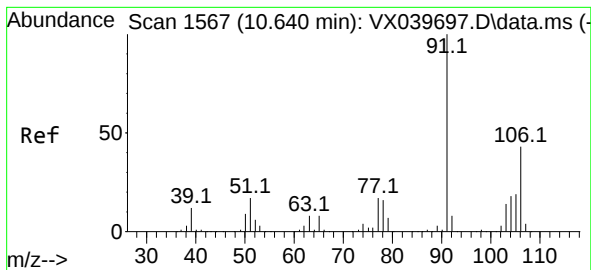
Tgt Ion: 91 Resp: 102428
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3



#68
m/p-Xylenes
Concen: 61.580 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 106 Resp: 122338
Ion Ratio Lower Upper
106 100
91 213.6 165.5 248.3





#69

o-Xylene

Concen: 26.472 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

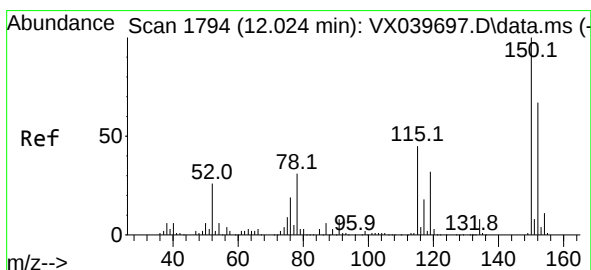
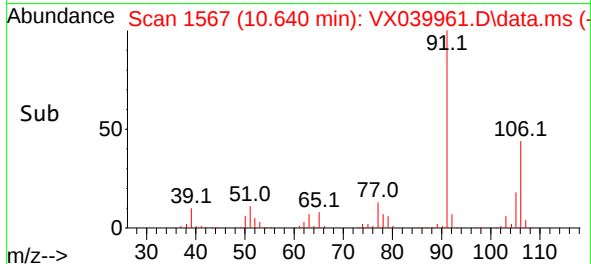
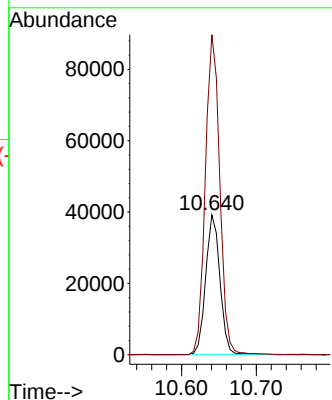
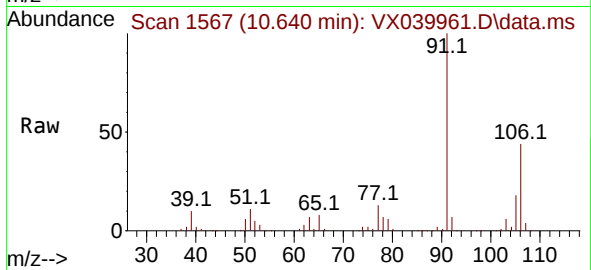
50234

Tgt Ion:106 Resp: 52082

Ion Ratio Lower Upper

106 100

91 231.0 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

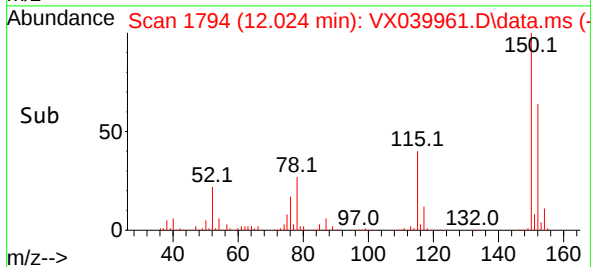
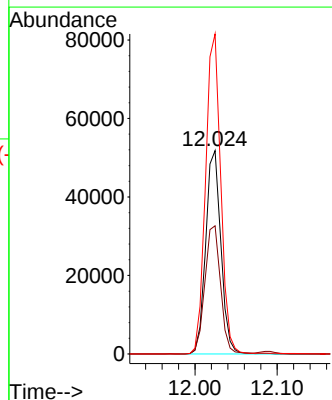
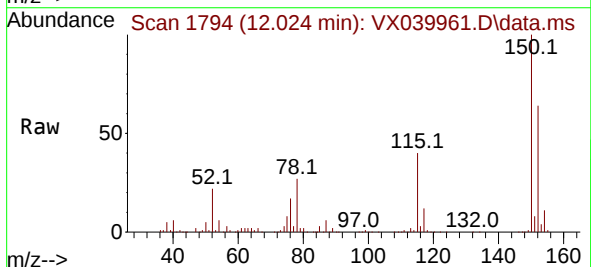
Tgt Ion:152 Resp: 66530

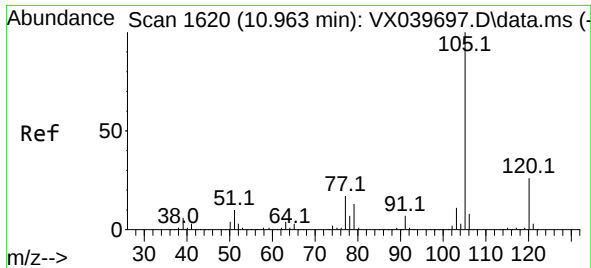
Ion Ratio Lower Upper

152 100

115 64.9 43.3 129.9

150 156.8 0.0 345.0

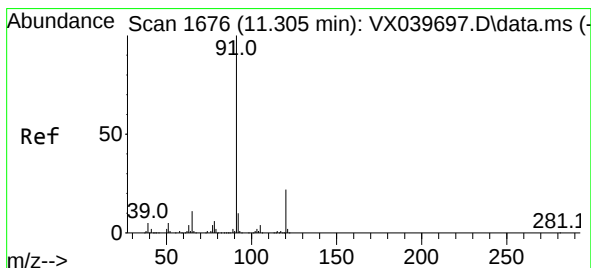
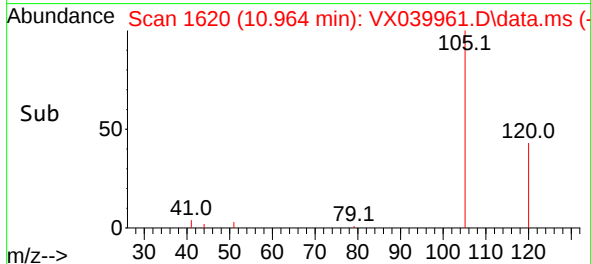
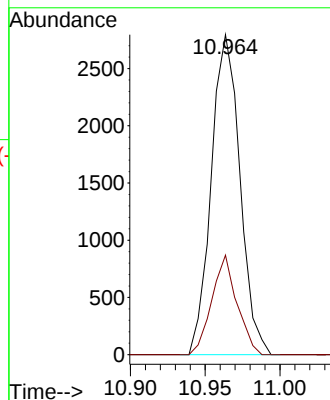
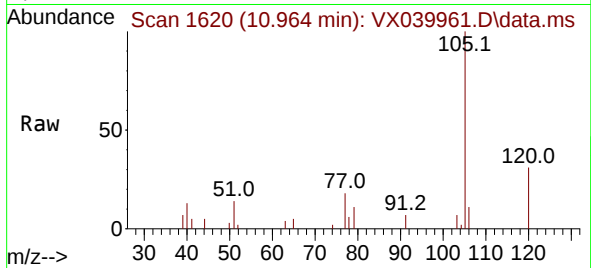




#73
Isopropylbenzene
Concen: 0.704 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

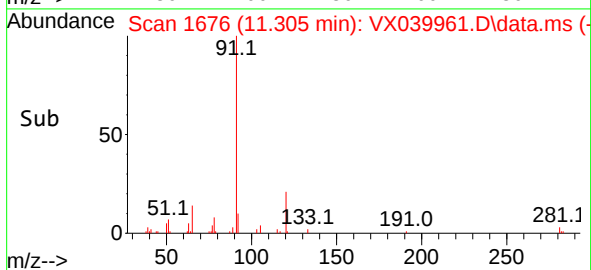
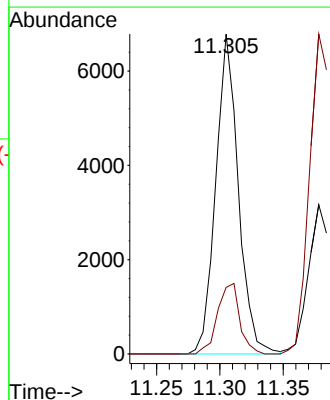
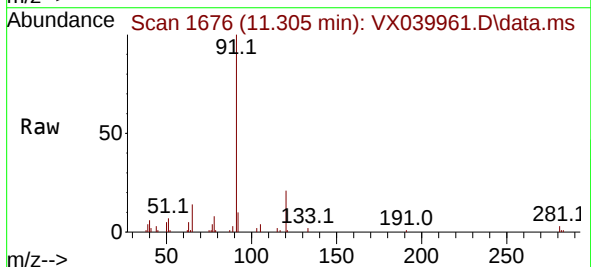
Instrument :
MSVOA_X
ClientSampleId :
50234

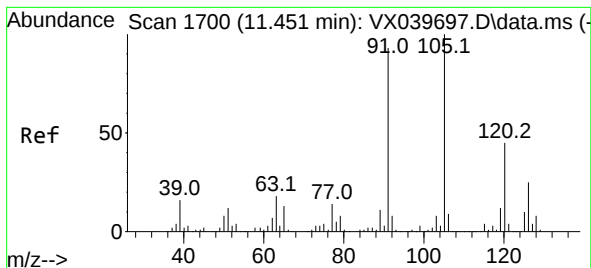
Tgt Ion:105 Resp: 3728
Ion Ratio Lower Upper
105 100
120 27.3 12.9 38.6



#78
n-propylbenzene
Concen: 1.312 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 91 Resp: 8410
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 2.913 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

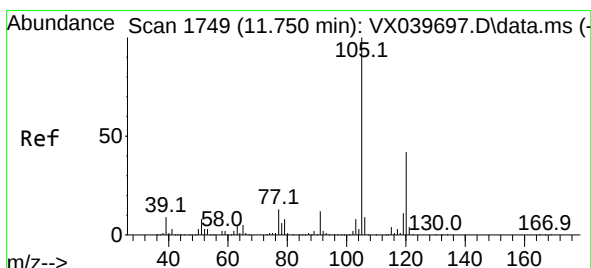
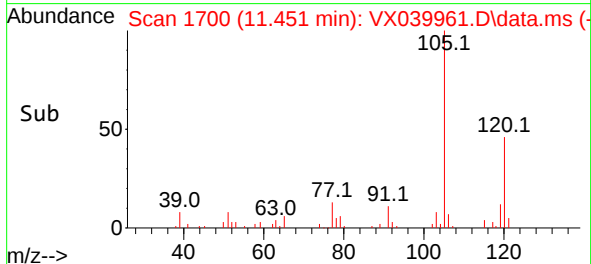
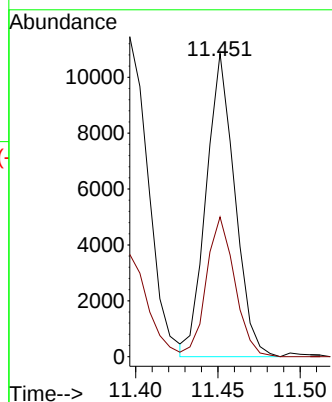
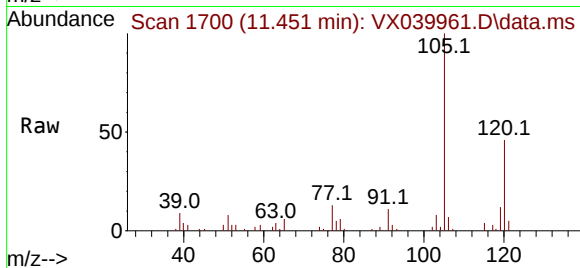
50234

Tgt Ion:105 Resp: 13106

Ion Ratio Lower Upper

105 100

120 45.7 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 10.821 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039961.D

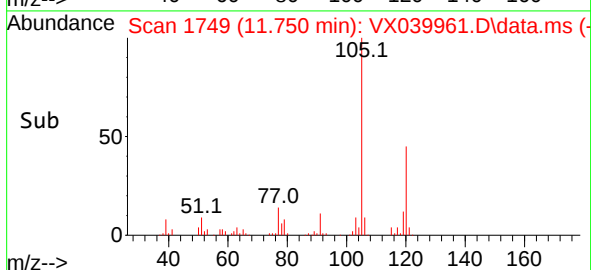
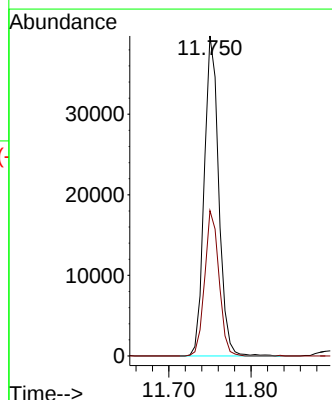
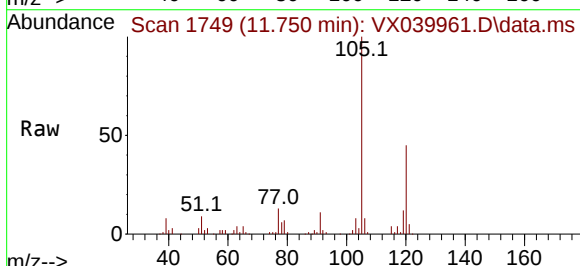
Acq: 25 Jan 2024 17:59

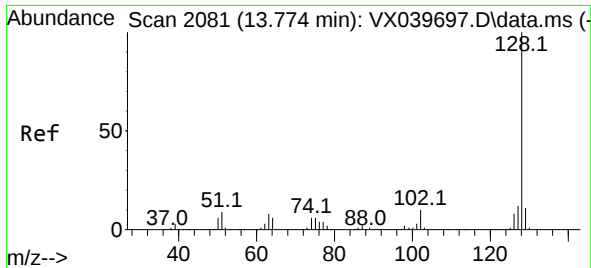
Tgt Ion:105 Resp: 48565

Ion Ratio Lower Upper

105 100

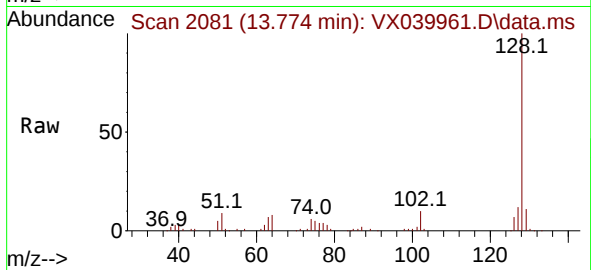
120 44.8 21.2 63.6





#95
Naphthalene
Concen: 3.986 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :
50234



Tgt Ion:	128	Resp:	20044
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.4	8.8	13.2

