

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039959.D
 Acq On : 25 Jan 2024 17:13
 Operator : JC/MD
 Sample : P1258-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50235

Quant Time: Jan 26 01:36:59 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)

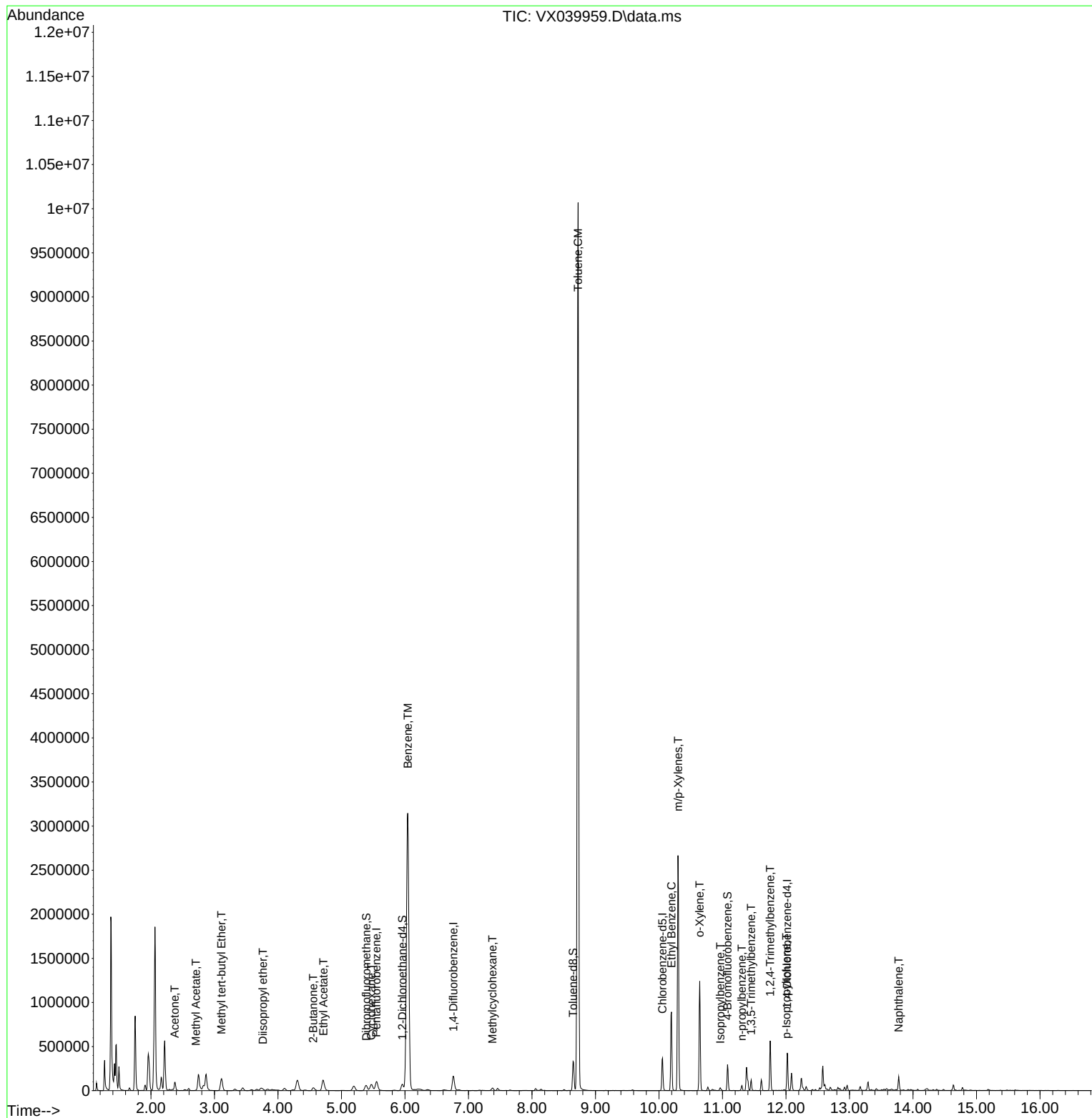
Internal Standards						
1) Pentafluorobenzene	5.550	168	89158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70883	47.460	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.920%
35) Dibromofluoromethane	5.391	113	51179	46.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.940%
50) Toluene-d8	8.647	98	199917	48.643	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.280%
62) 4-Bromofluorobenzene	11.079	95	77092	47.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.940%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	94476	112.478	ug/l	93
18) Methyl Acetate	2.709	43	3491	1.987	ug/l #	81
19) Methyl tert-butyl Ether	3.111	73	113820	29.877	ug/l #	64
22) Diisopropyl ether	3.764	45	15774	3.914	ug/l #	68
25) 2-Butanone	4.556	43	57872	47.944	ug/l	99
31) Cyclohexane	5.471	56	49729	25.229	ug/l	98
37) Ethyl Acetate	4.715	43	207365	91.640	ug/l	99
39) Methylcyclohexane	7.379	83	11998	5.891	ug/l	96
40) Benzene	6.044	78	3695812	769.488	ug/l	100
52) Toluene	8.726	92	3750553	1307.370	ug/l	98
67) Ethyl Benzene	10.195	91	512708	86.684	ug/l	98
68) m/p-Xylenes	10.299	106	577232	265.367	ug/l	98
69) o-Xylene	10.640	106	243098	112.850	ug/l	96
73) Isopropylbenzene	10.964	105	14565	2.324	ug/l	99
78) n-propylbenzene	11.305	91	33873	4.465	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	50135	9.417	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	229675	43.243	ug/l	100
86) p-Isopropyltoluene	12.006	119	1543	0.293	ug/l #	71
95) Naphthalene	13.774	128	88580	14.887	ug/l	99

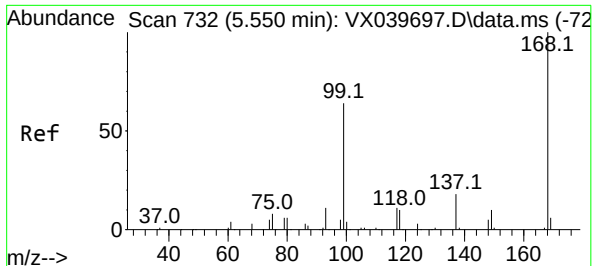
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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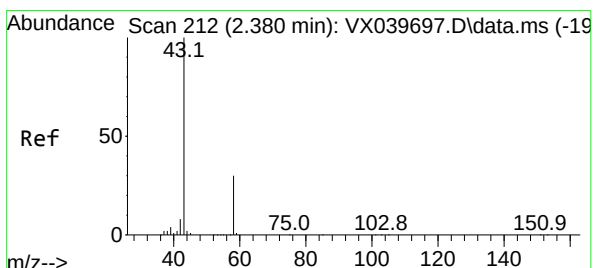
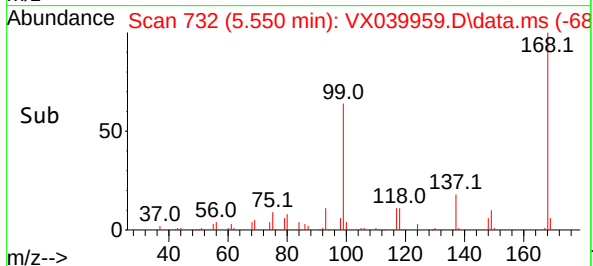
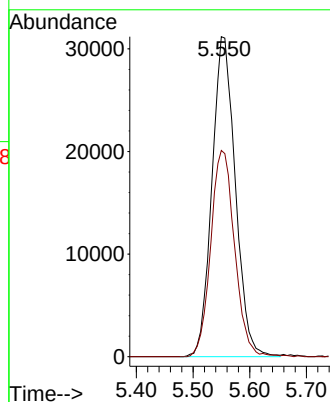
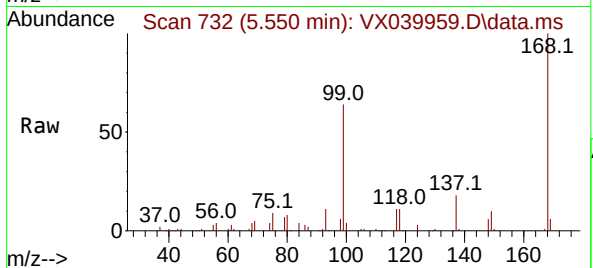




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

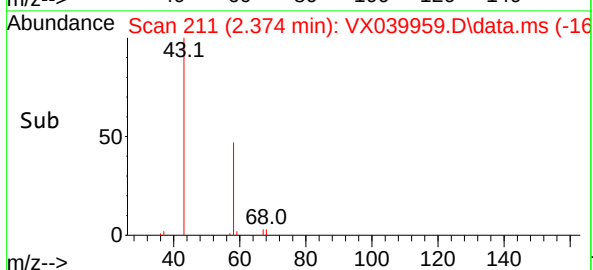
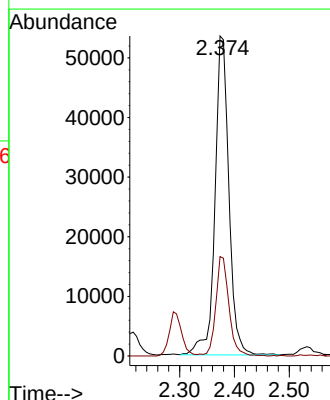
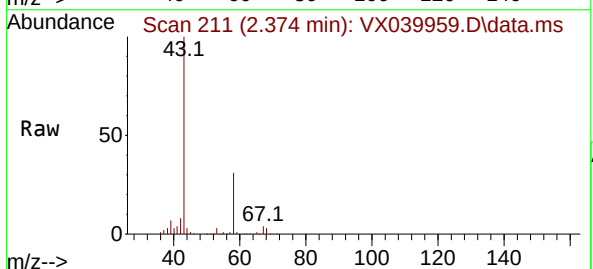
Instrument :
MSVOA_X
ClientSampleId :
50235

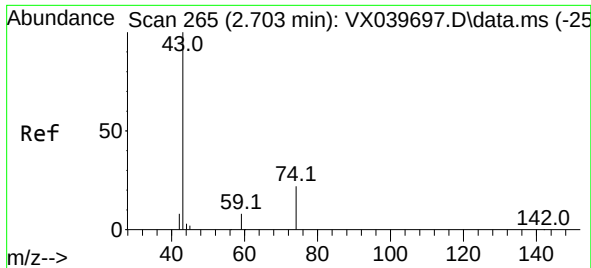
Tgt Ion:168 Resp: 89158
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#16
Acetone
Concen: 112.478 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

Tgt Ion: 43 Resp: 94476
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9

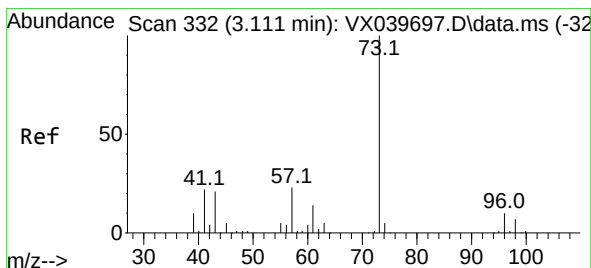
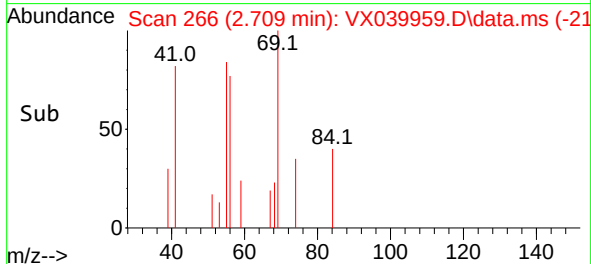
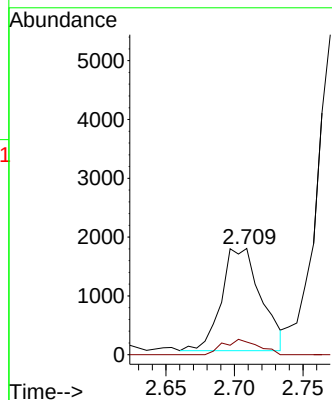
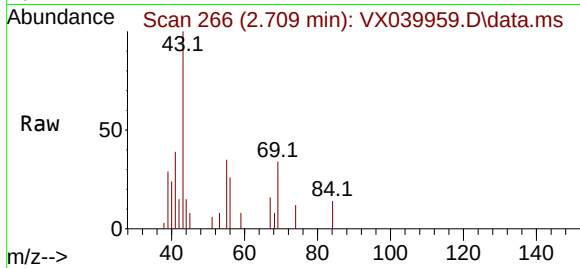




#18
Methyl Acetate
Concen: 1.987 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

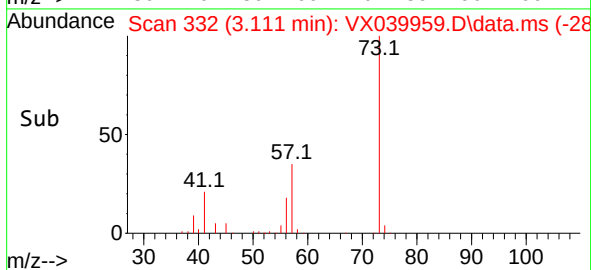
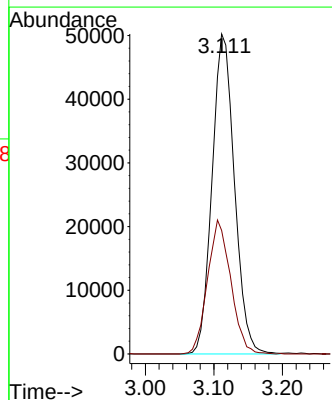
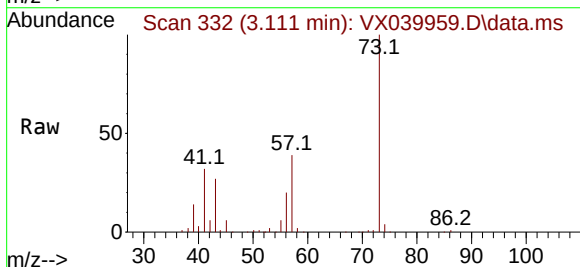
Instrument :
MSVOA_X
ClientSampleId :
50235

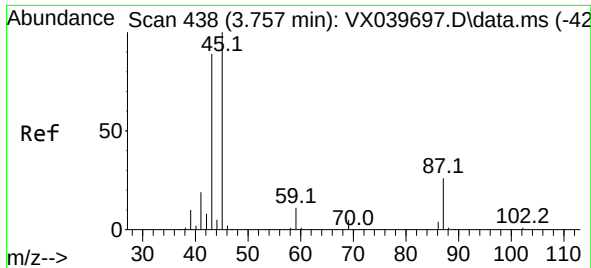
Tgt Ion: 43 Resp: 3491
Ion Ratio Lower Upper
43 100
74 13.3 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 29.877 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

Tgt Ion: 73 Resp: 113820
Ion Ratio Lower Upper
73 100
57 38.6 17.3 25.9#

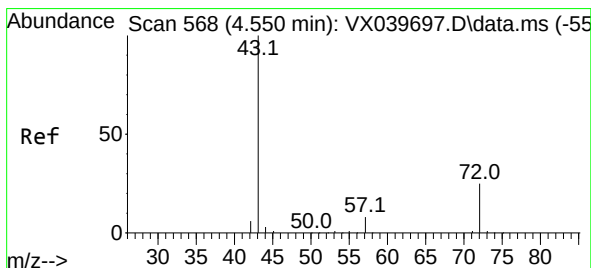
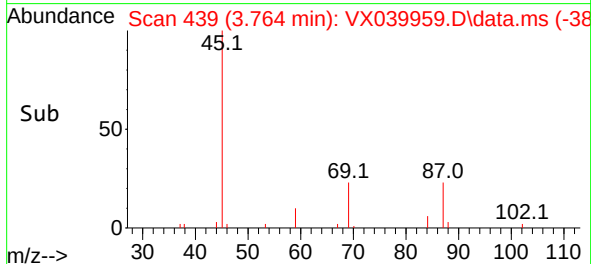
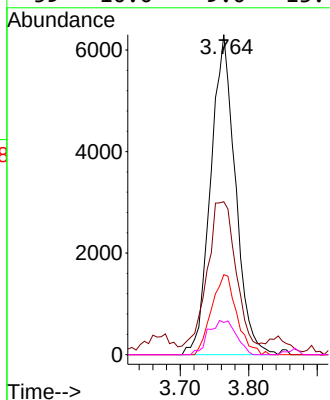
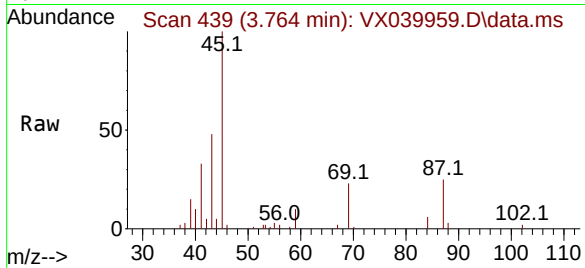




#22
Diisopropyl ether
Concen: 3.914 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

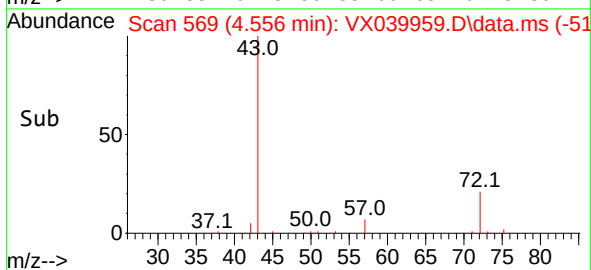
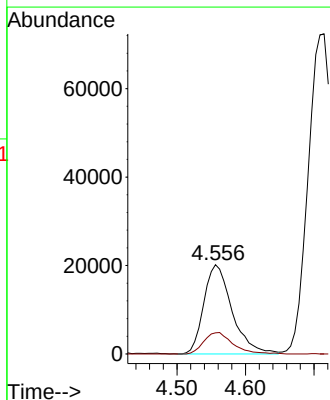
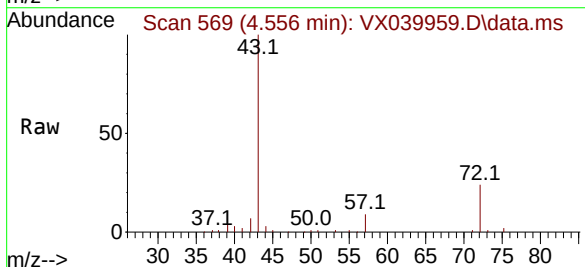
Instrument :
MSVOA_X
ClientSampleId :
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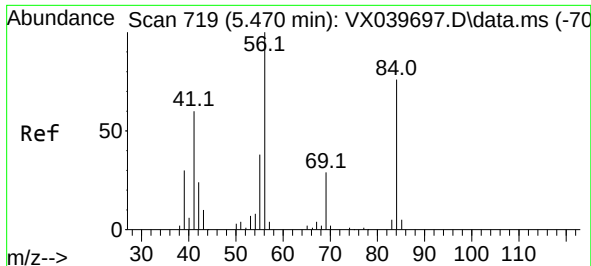
Tgt Ion:	45	Resp:	15774
Ion	Ratio	Lower	Upper
45	100		
43	45.4	69.7	104.5#
87	25.0	20.8	31.2
59	10.0	9.0	13.4



#25
2-Butanone
Concen: 47.944 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

Tgt Ion:	43	Resp:	57872
Ion	Ratio	Lower	Upper
43	100		
72	23.7	19.4	29.2

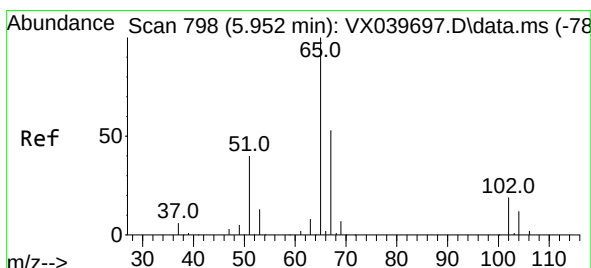
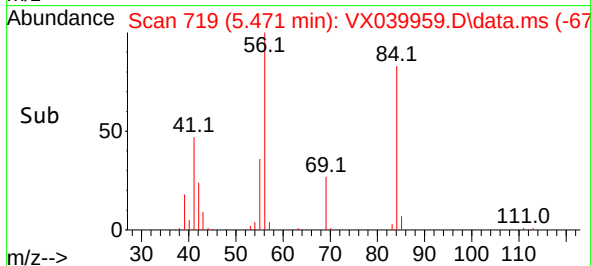
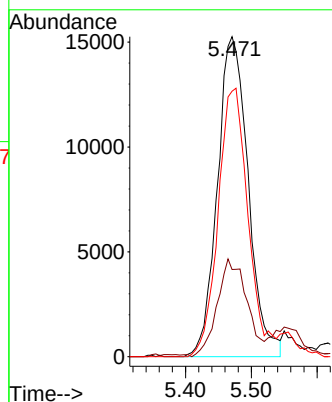
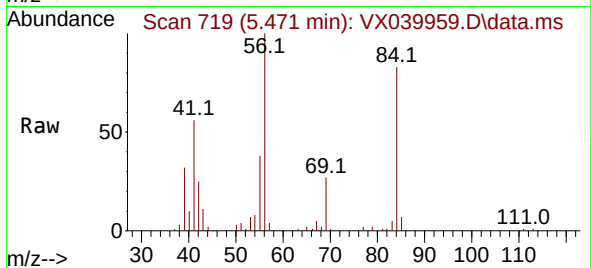




#31
Cyclohexane
Concen: 25.229 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

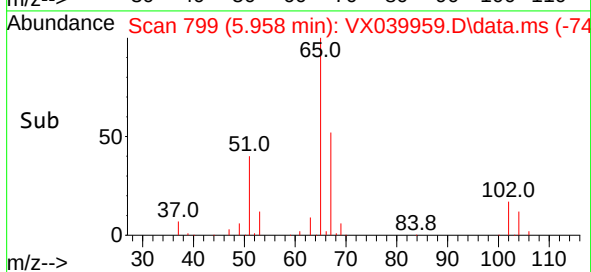
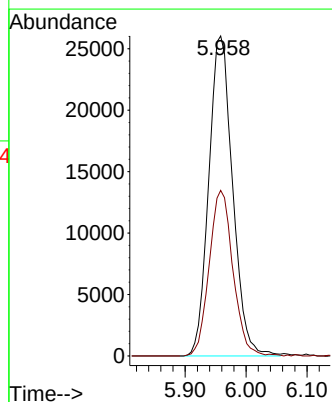
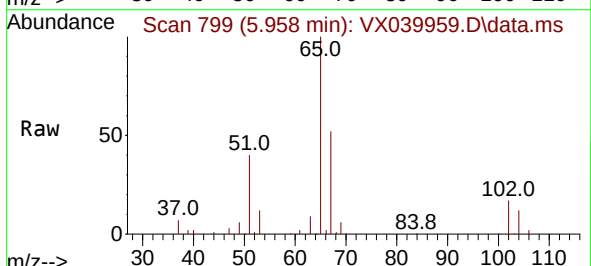
Instrument :
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ClientSampleId :
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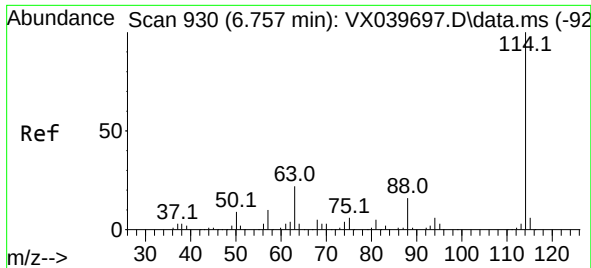
Tgt Ion: 56 Resp: 49729
Ion Ratio Lower Upper
56 100
69 26.8 23.4 35.2
84 82.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.460 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

Tgt Ion: 65 Resp: 70883
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

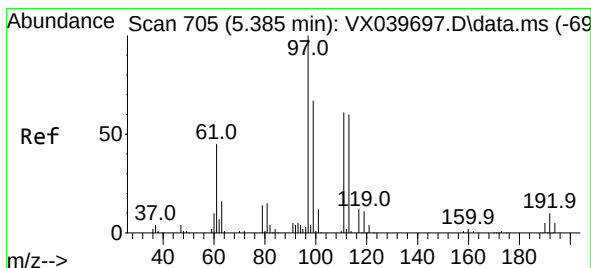
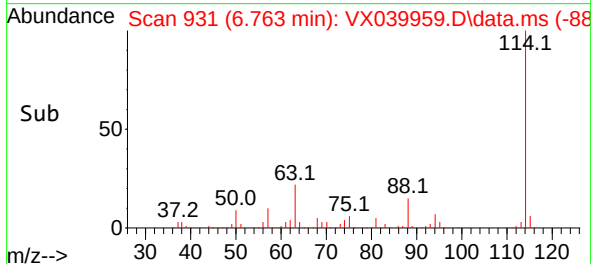
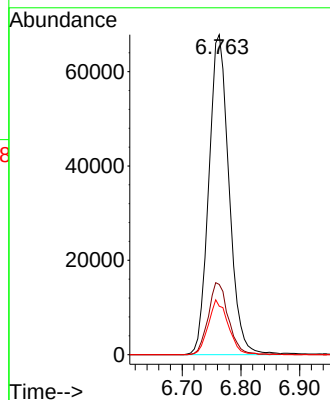
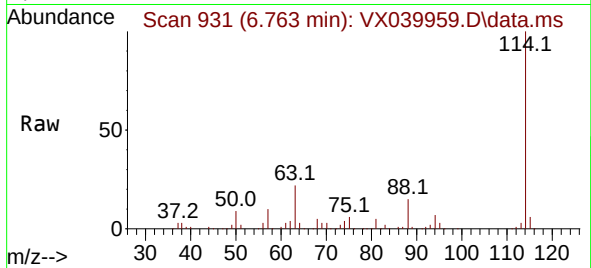




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

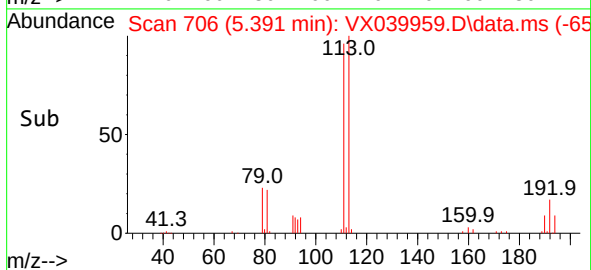
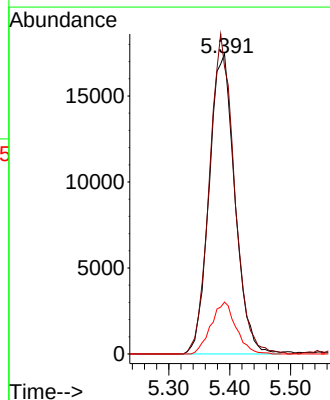
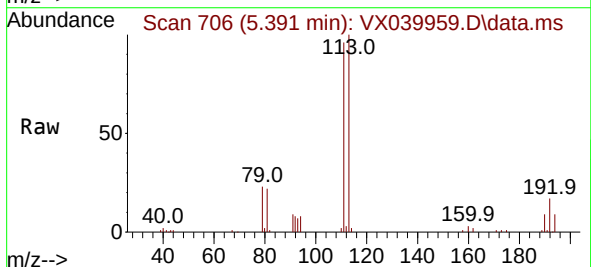
Instrument :
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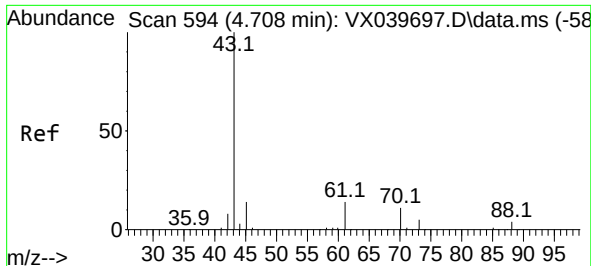
Tgt Ion:114 Resp: 161787
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.966 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

Tgt Ion:113 Resp: 51179
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.7 13.3 19.9

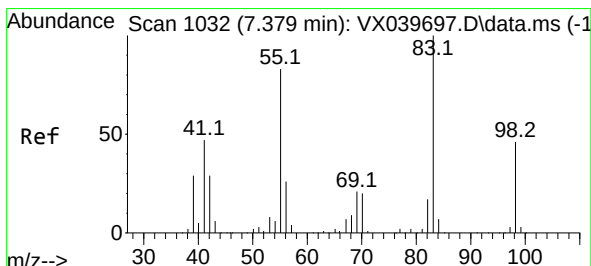
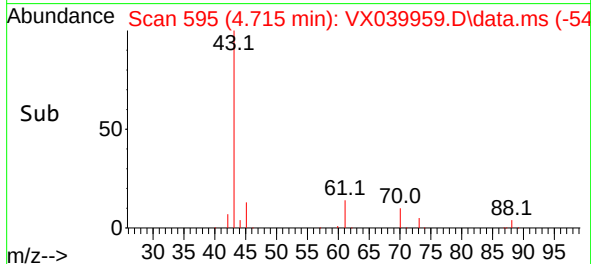
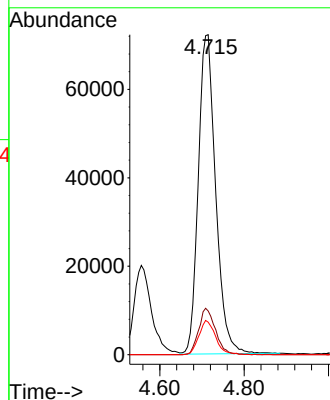
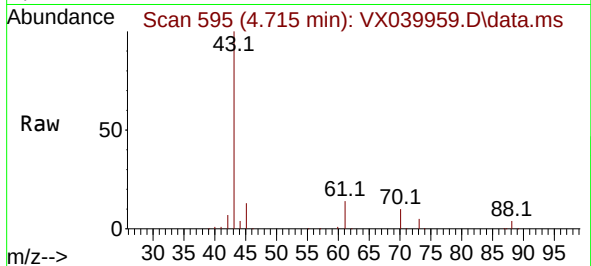




#37
Ethyl Acetate
Concen: 91.640 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

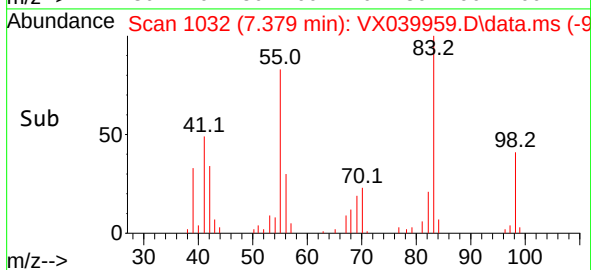
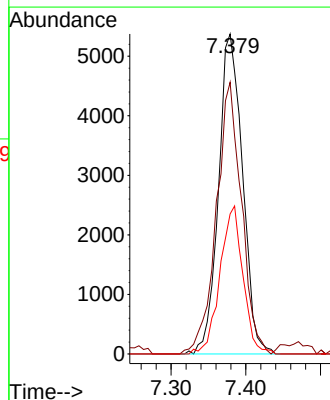
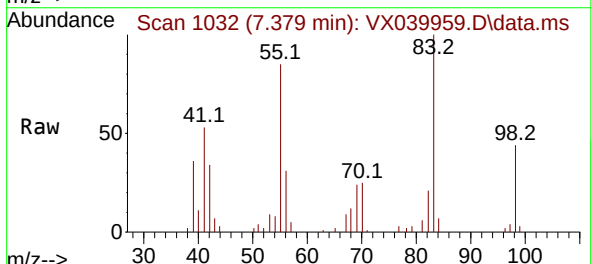
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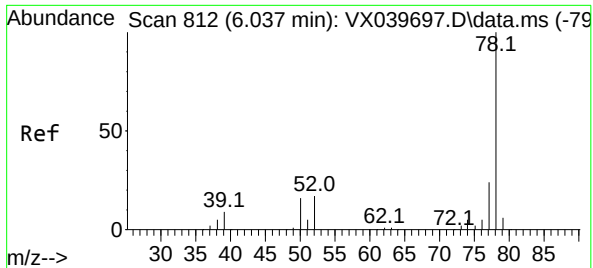
Tgt Ion: 43 Resp: 207365
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 10.3 8.3 12.5



#39
Methylcyclohexane
Concen: 5.891 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

Tgt Ion: 83 Resp: 11998
Ion Ratio Lower Upper
83 100
55 84.9 64.6 97.0
98 43.8 36.7 55.1

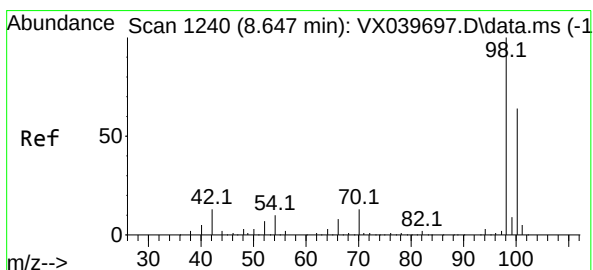
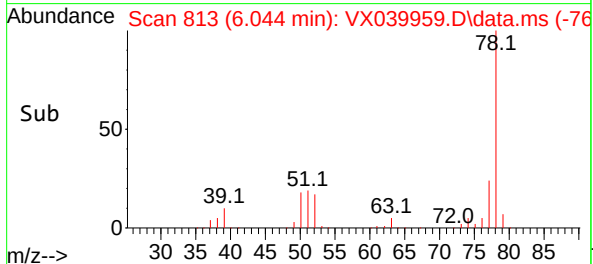
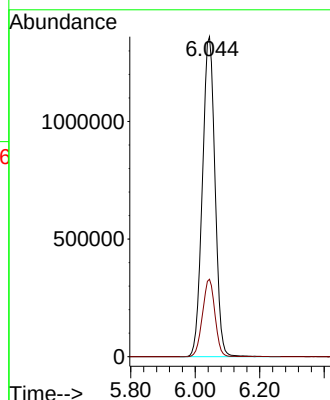
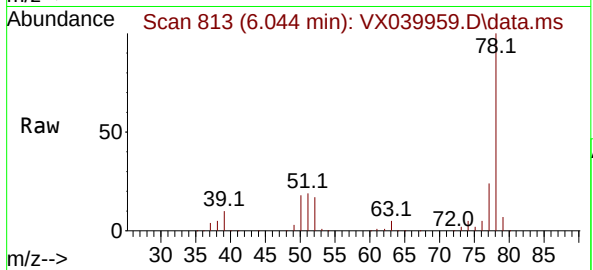




#40
Benzene
Concen: 769.488 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

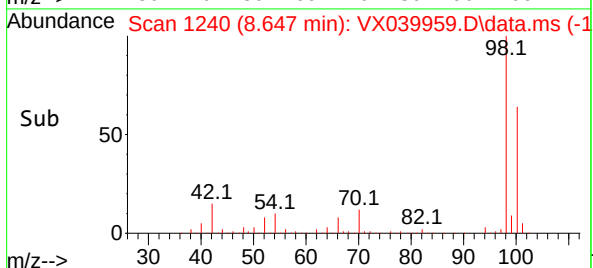
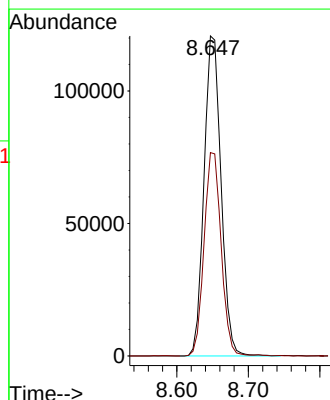
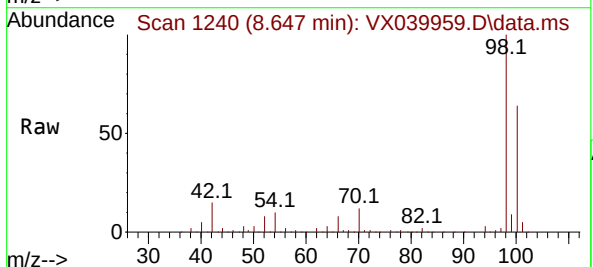
Instrument :
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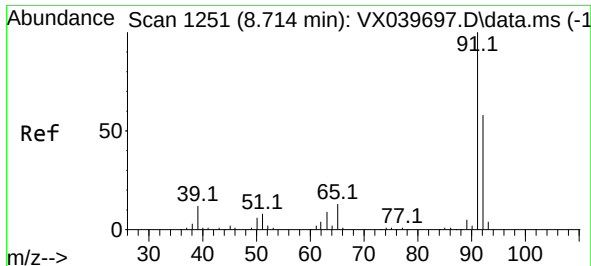
Tgt Ion: 78 Resp: 3695812
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9



#50
Toluene-d8
Concen: 48.643 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

Tgt Ion: 98 Resp: 199917
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

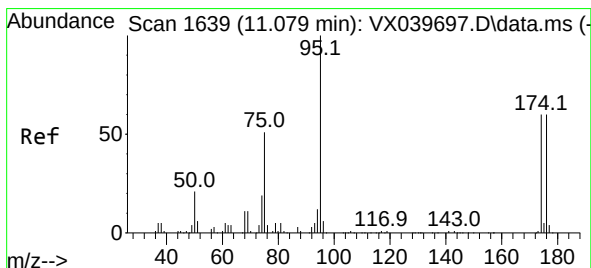
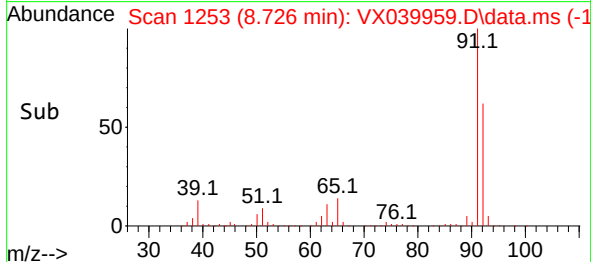
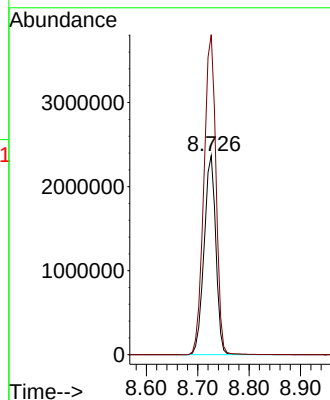
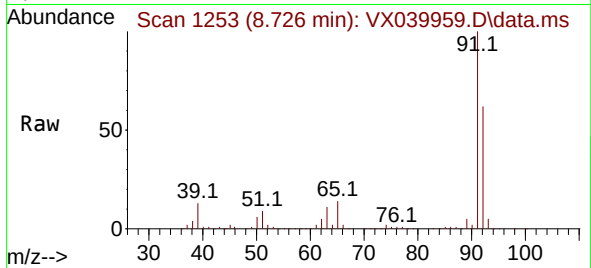




#52
Toluene
Concen: 1307.370 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

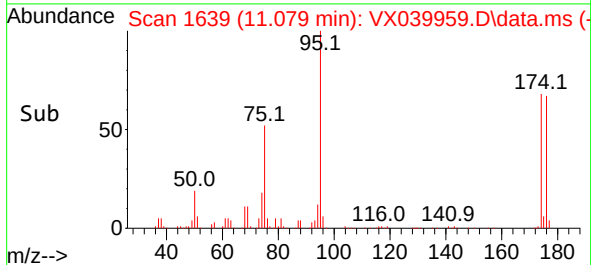
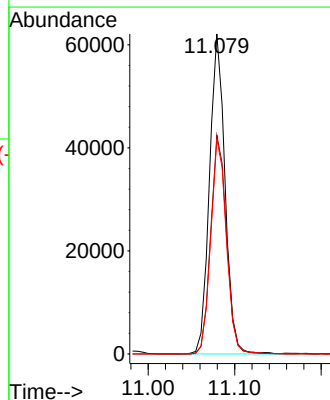
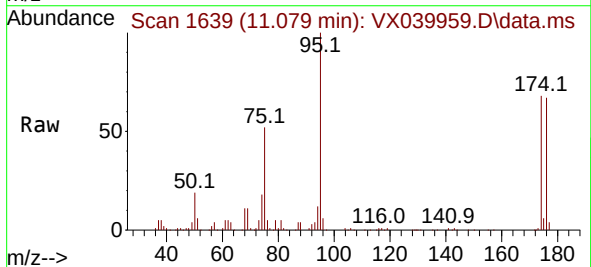
Instrument :
MSVOA_X
ClientSampleId :
50235

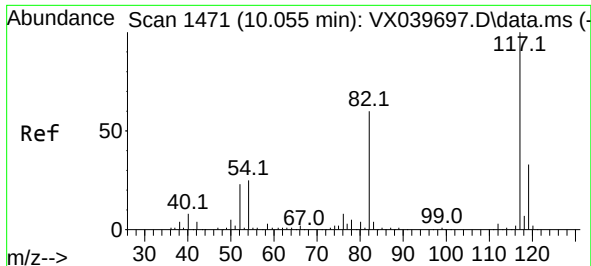
Tgt Ion: 92 Resp: 3750553
Ion Ratio Lower Upper
92 100
91 165.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 47.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

Tgt Ion: 95 Resp: 77092
Ion Ratio Lower Upper
95 100
174 70.1 0.0 135.6
176 67.6 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: VX039959.D

Acq: 25 Jan 2024 17:13

Instrument :

MSVOA_X

ClientSampleId :

50235

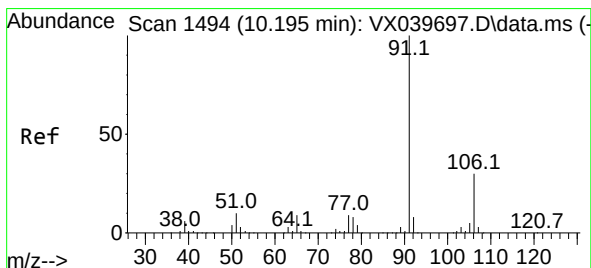
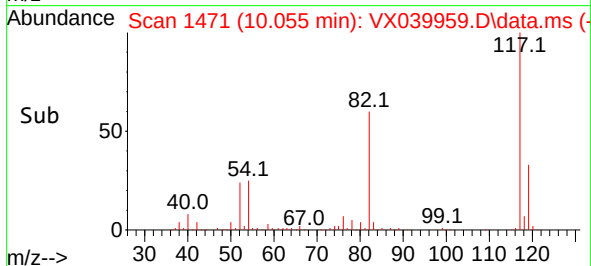
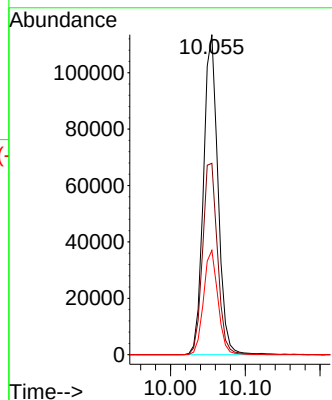
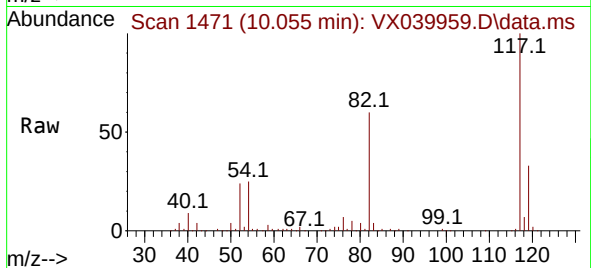
Tgt Ion:117 Resp: 152960

Ion Ratio Lower Upper

117 100

82 59.8 46.2 69.4

119 32.6 25.5 38.3



#67

Ethyl Benzene

Concen: 86.684 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039959.D

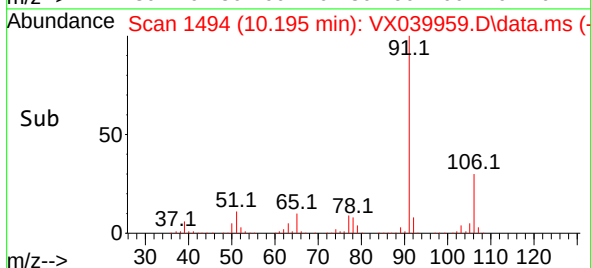
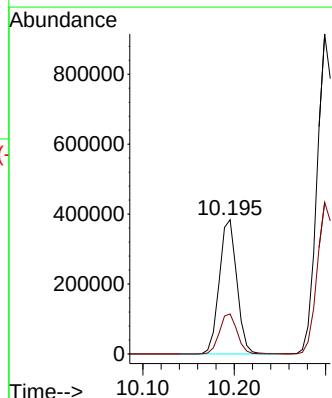
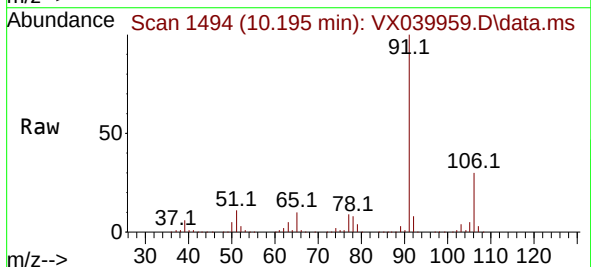
Acq: 25 Jan 2024 17:13

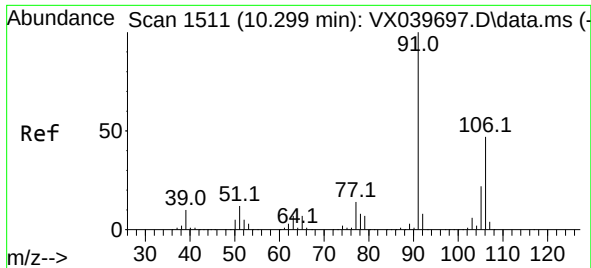
Tgt Ion: 91 Resp: 512708

Ion Ratio Lower Upper

91 100

106 29.8 24.9 37.3

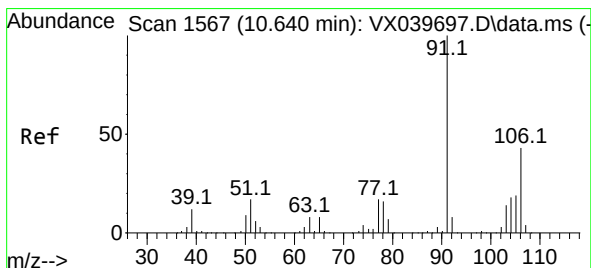
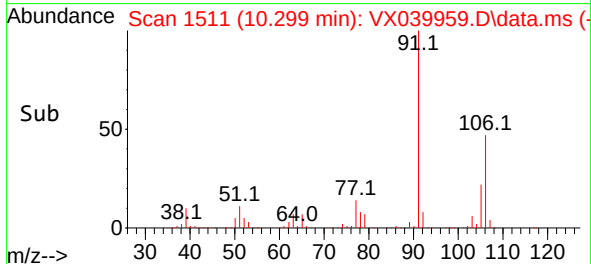
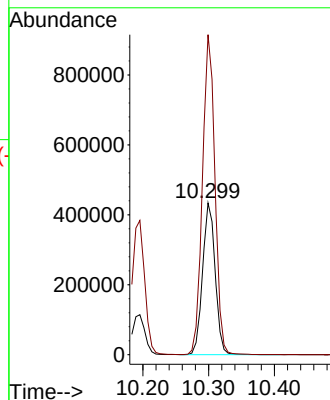
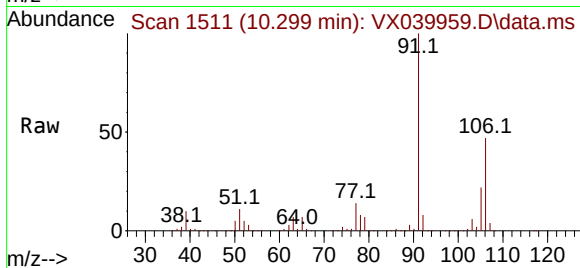




#68
m/p-Xylenes
Concen: 265.367 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

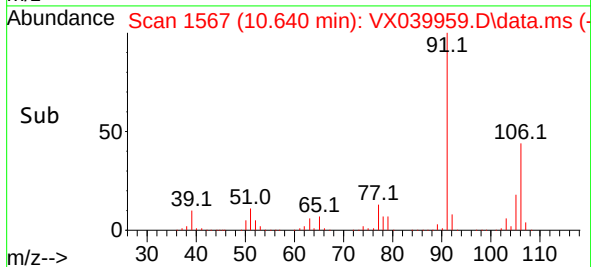
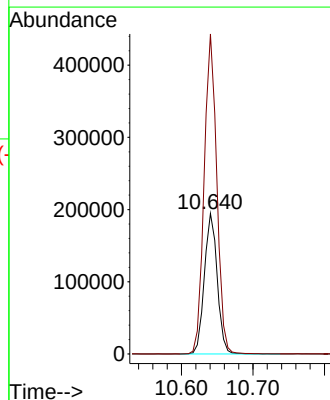
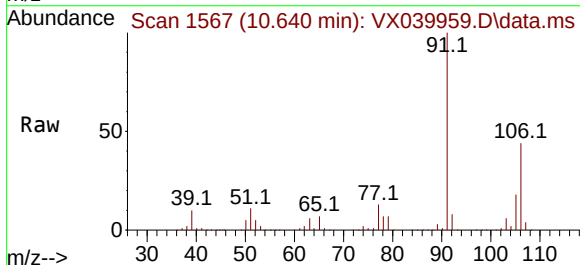
Instrument :
MSVOA_X
ClientSampleId :
50235

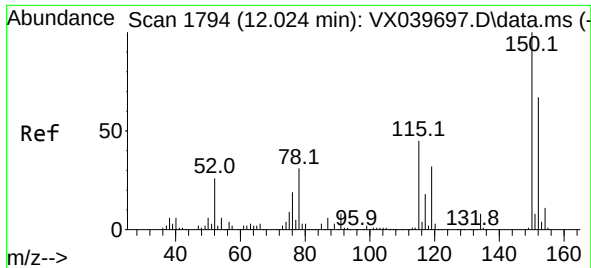
Tgt Ion:106 Resp: 577232
Ion Ratio Lower Upper
106 100
91 209.7 165.5 248.3



#69
o-Xylene
Concen: 112.850 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

Tgt Ion:106 Resp: 243098
Ion Ratio Lower Upper
106 100
91 224.0 108.9 326.8

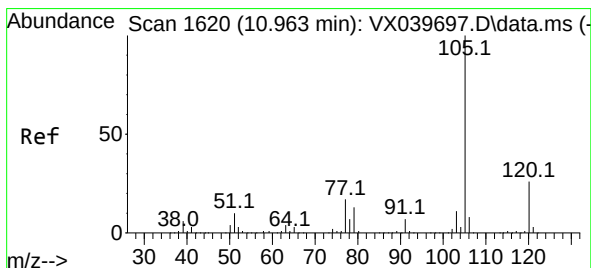
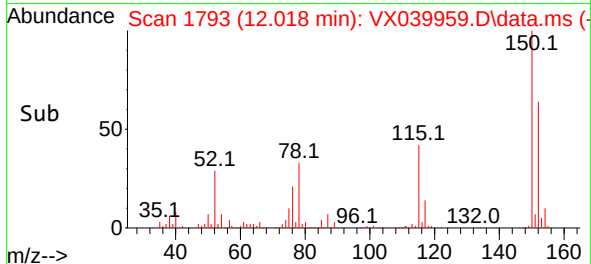
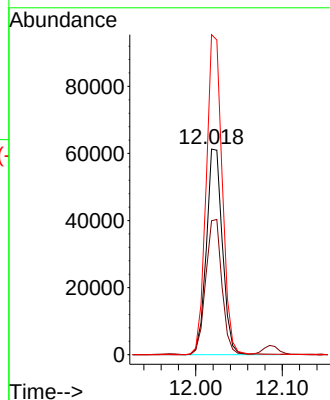
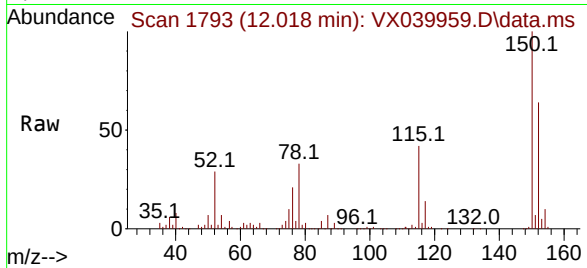




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039959.D
 Acq: 25 Jan 2024 17:13

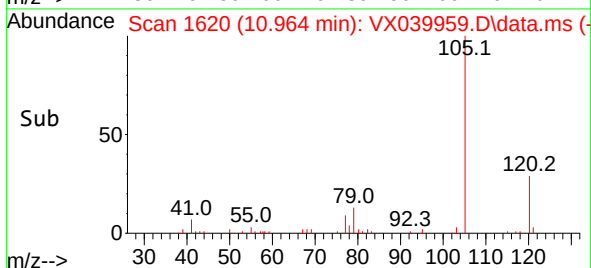
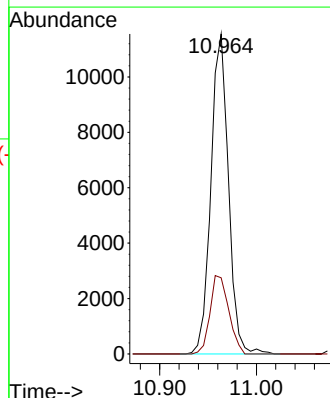
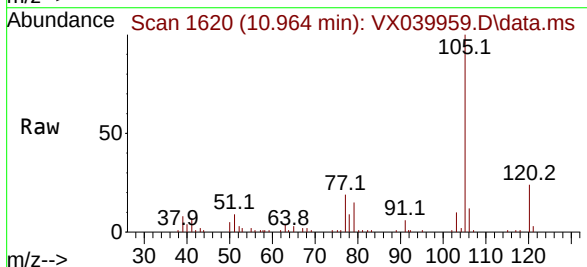
Instrument :
 MSVOA_X
 ClientSampleId :
 50235

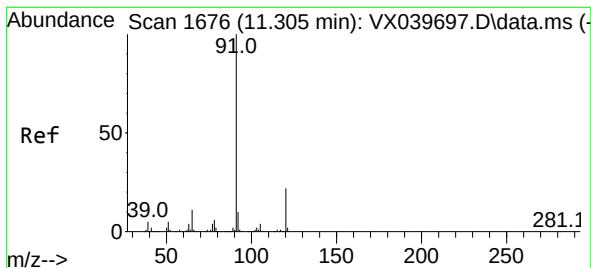
Tgt Ion:152 Resp: 78731
 Ion Ratio Lower Upper
 152 100
 115 66.3 43.3 129.9
 150 155.2 0.0 345.0



#73
 Isopropylbenzene
 Concen: 2.324 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX039959.D
 Acq: 25 Jan 2024 17:13

Tgt Ion:105 Resp: 14565
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.9 38.6





#78

n-propylbenzene

Concen: 4.465 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039959.D

Acq: 25 Jan 2024 17:13

Instrument :

MSVOA_X

ClientSampleId :

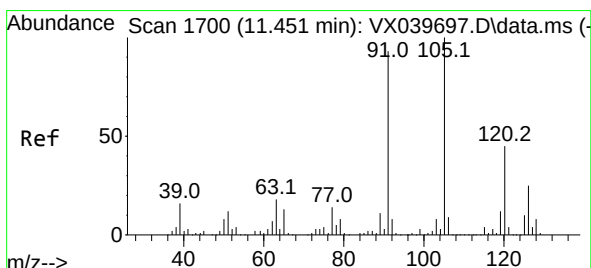
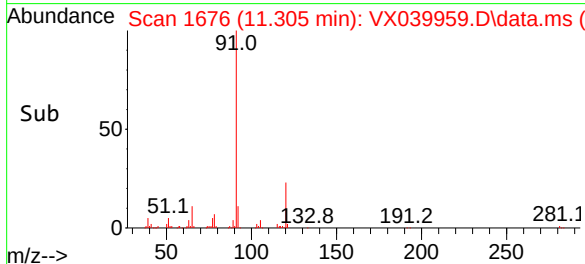
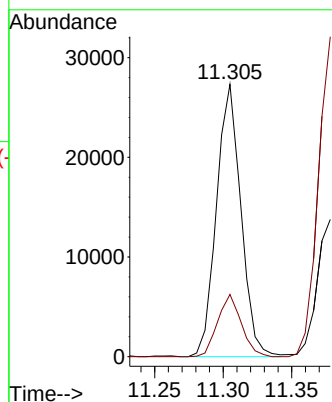
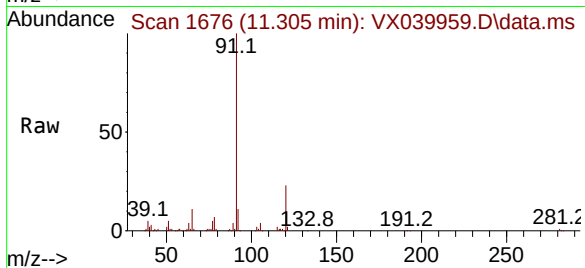
50235

Tgt Ion: 91 Resp: 33873

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 9.417 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039959.D

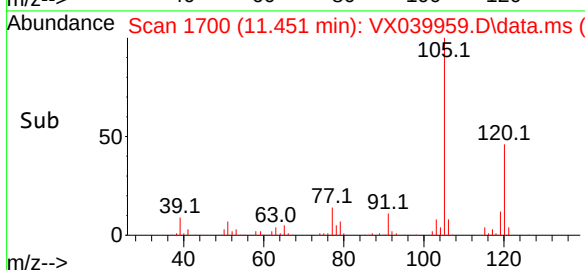
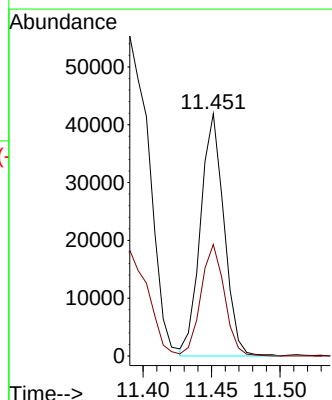
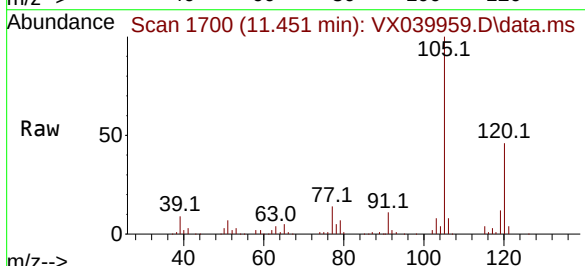
Acq: 25 Jan 2024 17:13

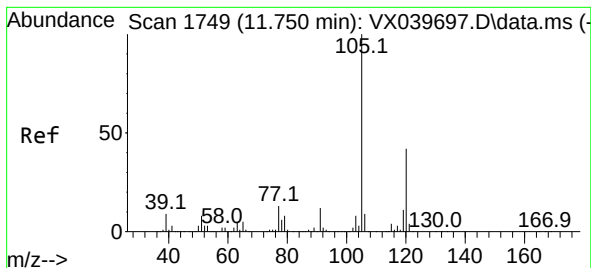
Tgt Ion:105 Resp: 50135

Ion Ratio Lower Upper

105 100

120 45.9 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 43.243 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039959.D

Acq: 25 Jan 2024 17:13

Instrument :

MSVOA_X

ClientSampleId :

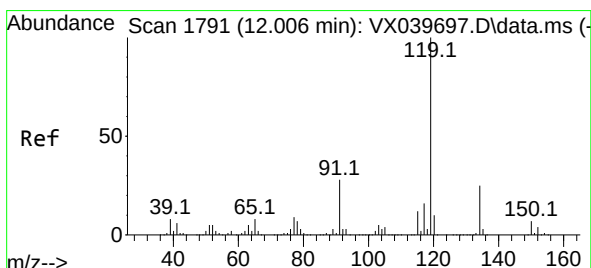
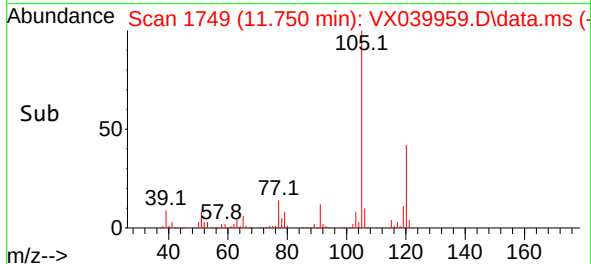
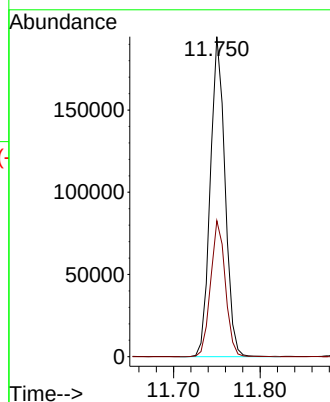
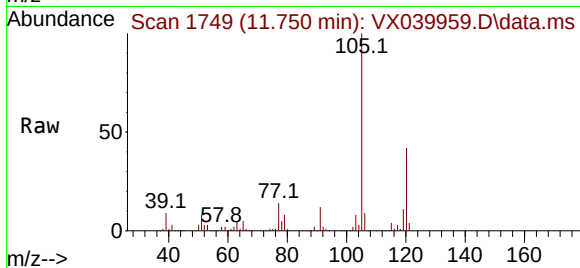
50235

Tgt Ion:105 Resp: 229675

Ion Ratio Lower Upper

105 100

120 42.4 21.2 63.6



#86

p-Isopropyltoluene

Concen: 0.293 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX039959.D

Acq: 25 Jan 2024 17:13

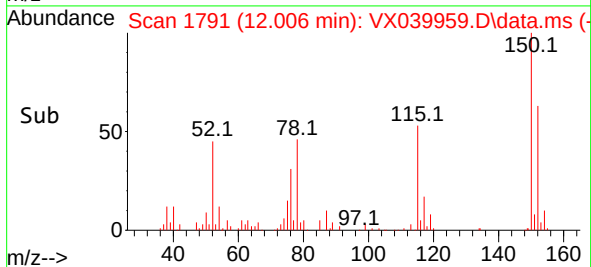
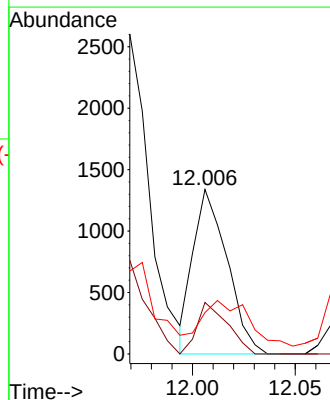
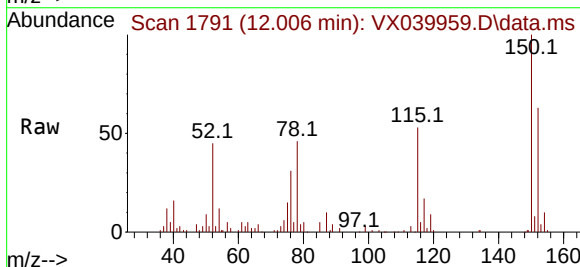
Tgt Ion:119 Resp: 1543

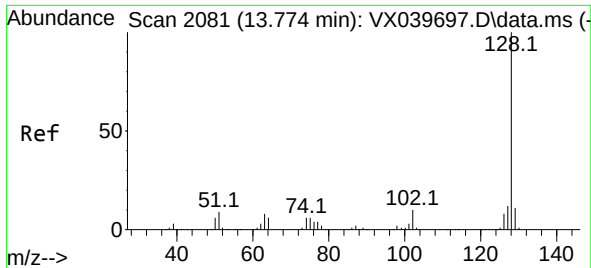
Ion Ratio Lower Upper

119 100

134 28.1 12.8 38.3

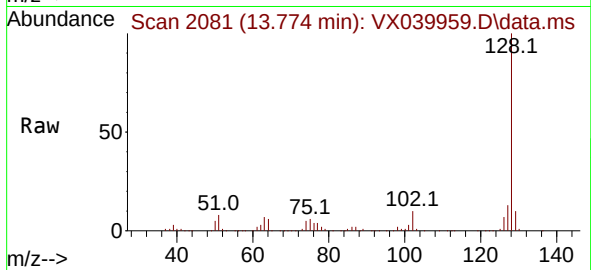
91 0.0 13.1 39.3#





#95
Naphthalene
Concen: 14.887 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039959.D
Acq: 25 Jan 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :
50235



Tgt Ion:128 Resp: 88580
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.9 8.8 13.2

