

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029699.D
 Acq On : 22 Jun 2022 15:14
 Operator : JC/MD
 Sample : N3293-15 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40807

Quant Time: Jun 22 15:46:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

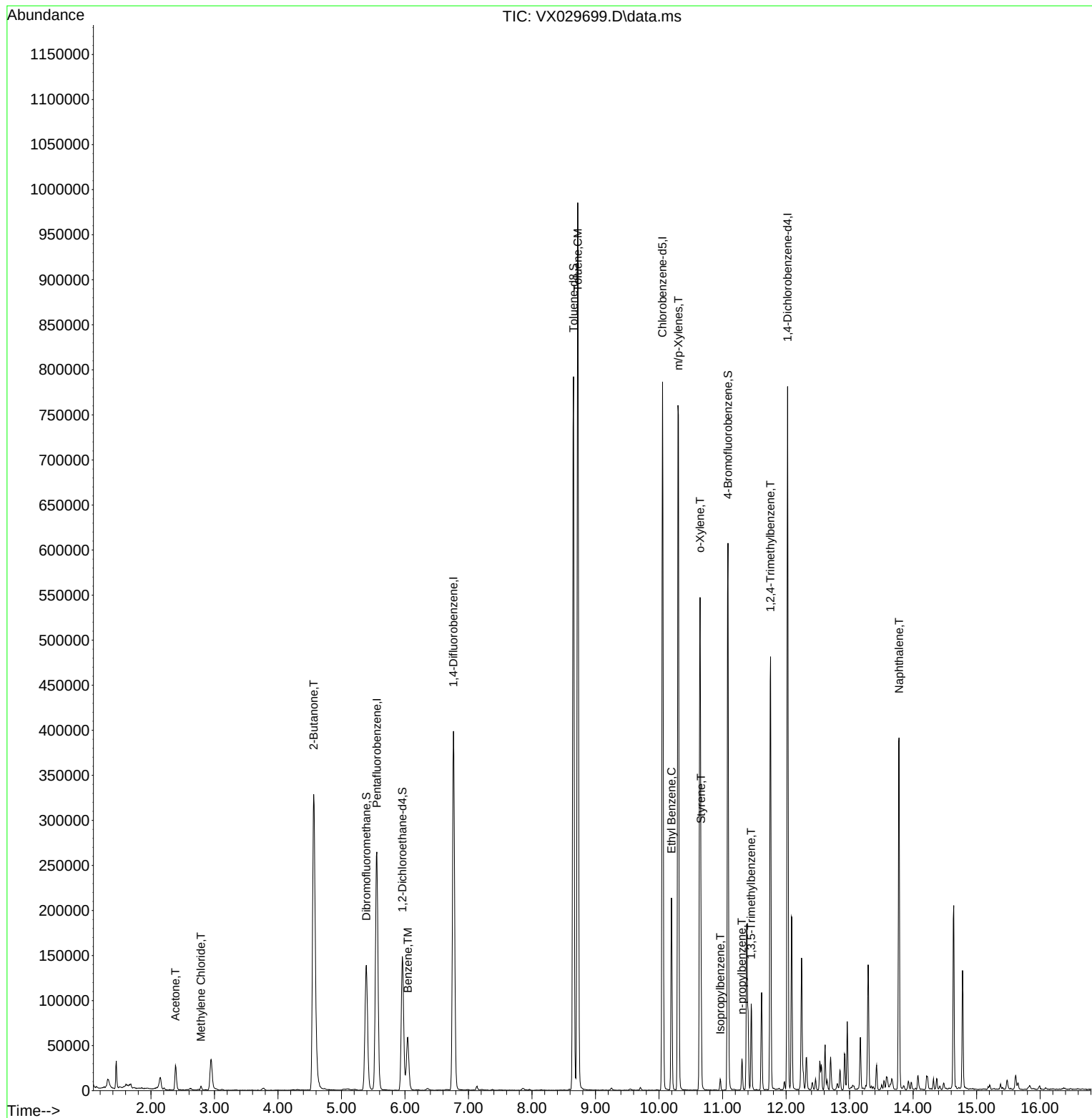
Internal Standards						
1) Pentafluorobenzene	5.556	168	257679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140916	41.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.620%
35) Dibromofluoromethane	5.391	113	124301	44.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.380%
50) Toluene-d8	8.653	98	488436	47.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.060%
62) 4-Bromofluorobenzene	11.085	95	171900	44.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.720%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	29943	22.024	ug/l	100
20) Methylene Chloride	2.788	84	1877	0.620	ug/l	94
25) 2-Butanone	4.562	43	618742	287.916	ug/l	99
40) Benzene	6.043	78	74640	6.614	ug/l	96
52) Toluene	8.720	92	384695	53.236	ug/l	97
67) Ethyl Benzene	10.195	91	122895	9.330	ug/l	99
68) m/p-Xylenes	10.305	106	188499	36.695	ug/l	97
69) o-Xylene	10.646	106	115560	22.769	ug/l	100
70) Styrene	10.659	104	65897	7.930	ug/l #	81
73) Isopropylbenzene	10.963	105	6707	0.545	ug/l	99
78) n-propylbenzene	11.305	91	22208	1.601	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	41704	4.022	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	223353	21.597	ug/l	99
95) Naphthalene	13.780	128	251815	21.861	ug/l	99

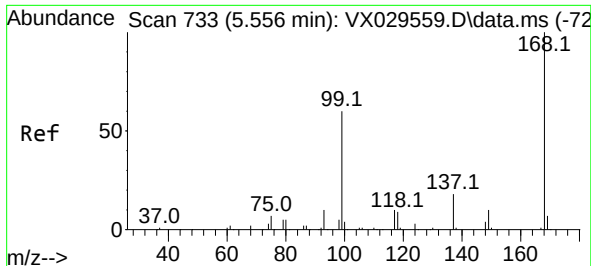
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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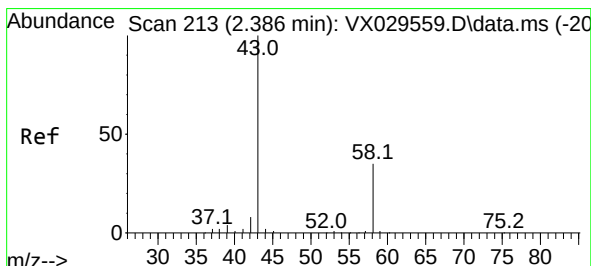
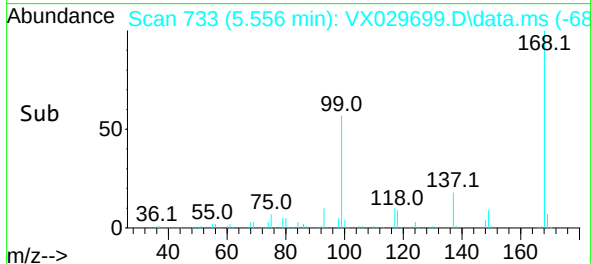
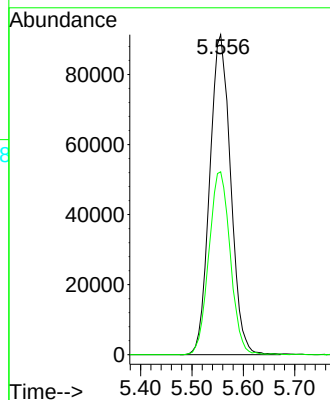
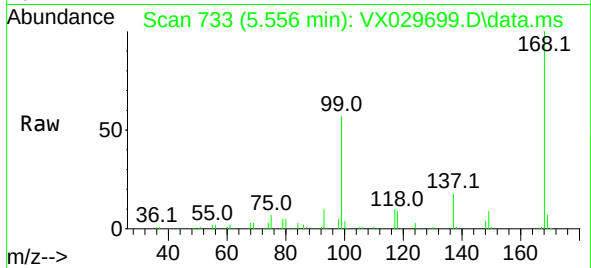




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

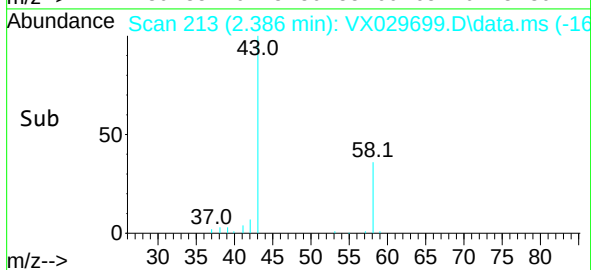
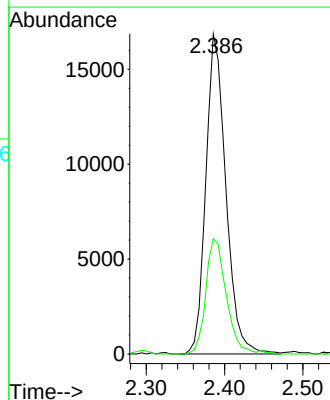
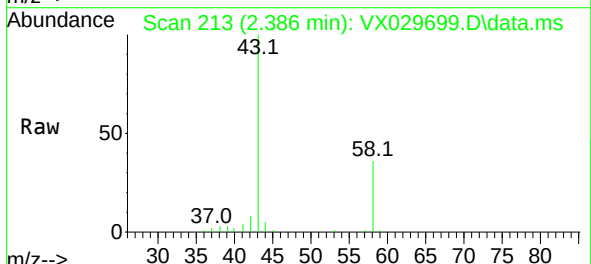
Instrument :
MSVOA_X
ClientSampleId :
40807

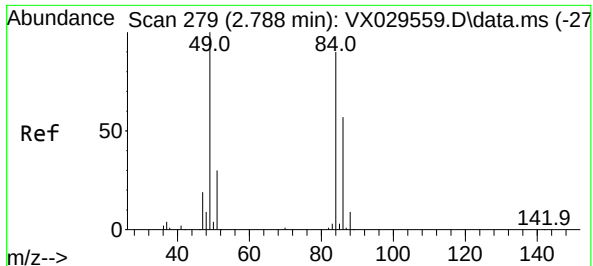
Tgt Ion:168 Resp: 257679
Ion Ratio Lower Upper
168 100
99 57.2 41.7 62.5



#16
Acetone
Concen: 22.024 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

Tgt Ion: 43 Resp: 29943
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2



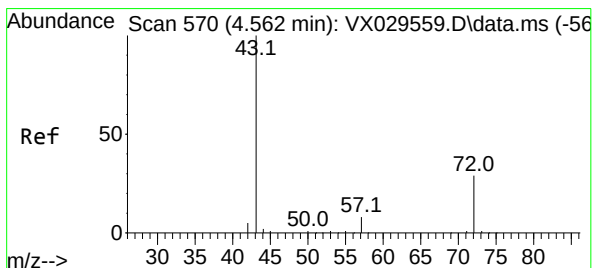
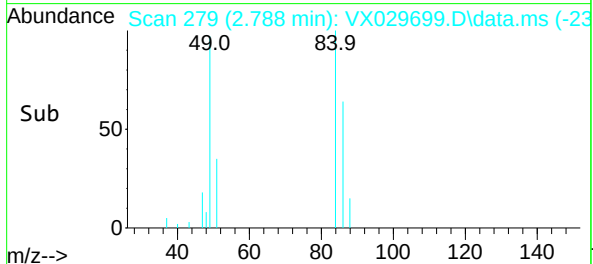
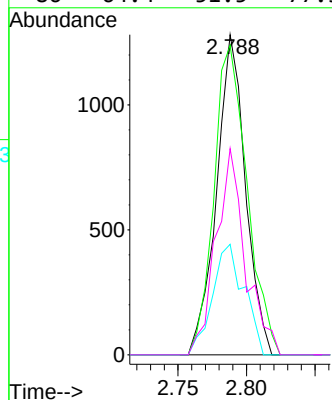
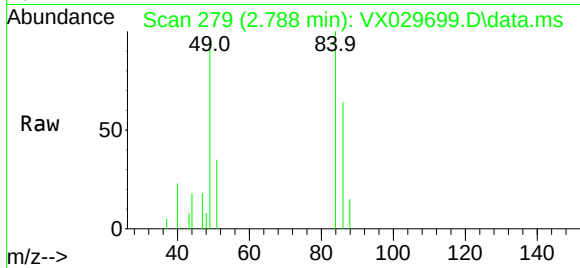


#20
Methylene Chloride
Concen: 0.620 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :
40807

Tgt Ion: 84 Resp: 1877

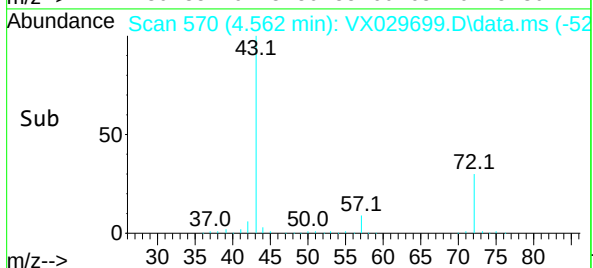
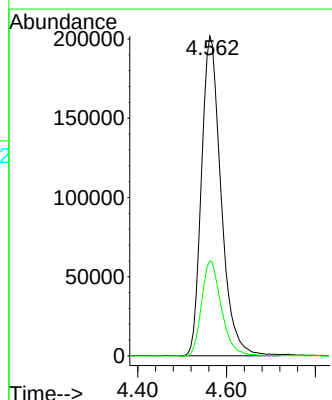
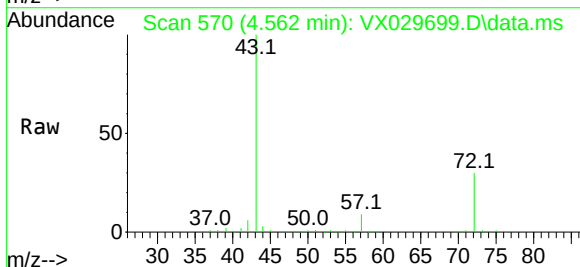
Ion	Ratio	Lower	Upper
84	100		
49	96.6	85.5	128.3
51	34.5	26.6	39.8
86	64.4	51.5	77.3

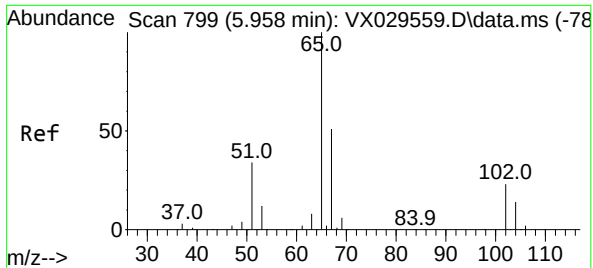


#25
2-Butanone
Concen: 287.916 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

Tgt Ion: 43 Resp: 618742

Ion	Ratio	Lower	Upper
43	100		
72	29.7	24.4	36.6

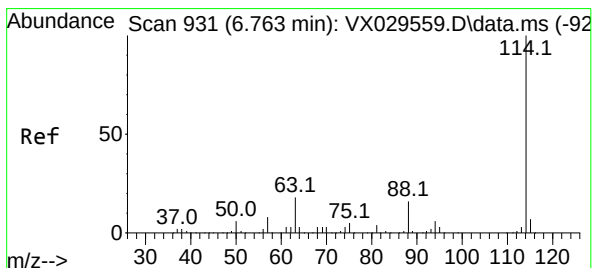
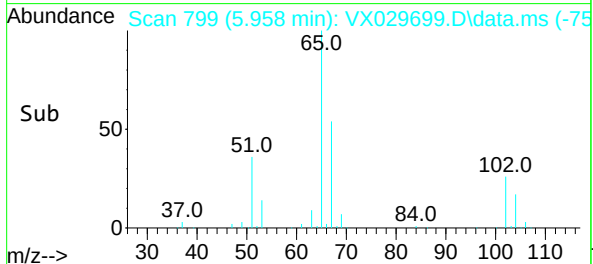
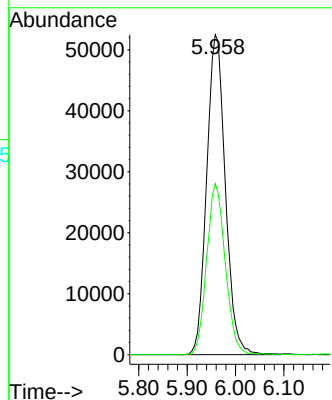
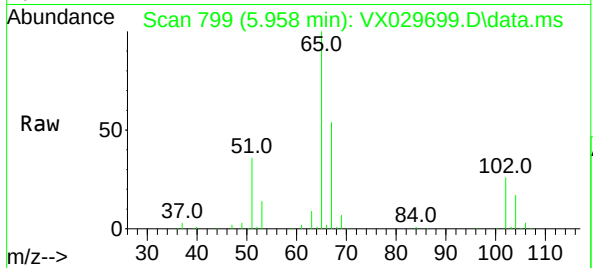




#33
 1,2-Dichloroethane-d4
 Concen: 41.313 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029699.D
 Acq: 22 Jun 2022 15:14

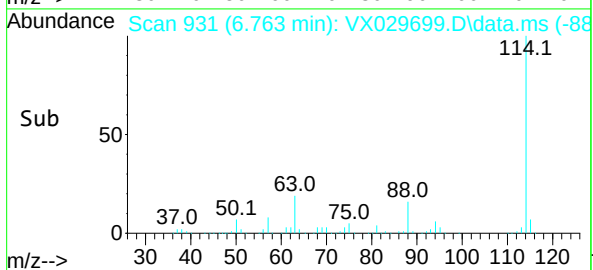
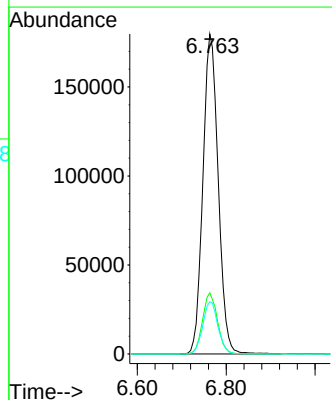
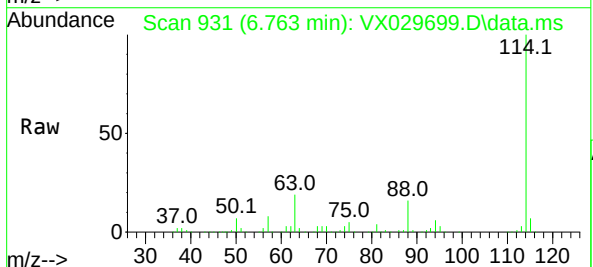
Instrument :
 MSVOA_X
 ClientSampleId :
 40807

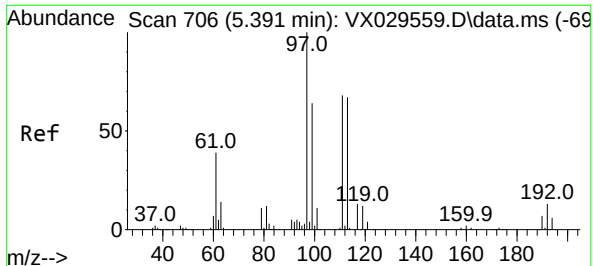
Tgt Ion: 65 Resp: 140916
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029699.D
 Acq: 22 Jun 2022 15:14

Tgt Ion: 114 Resp: 431625
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.8
 88 16.3 0.0 32.4

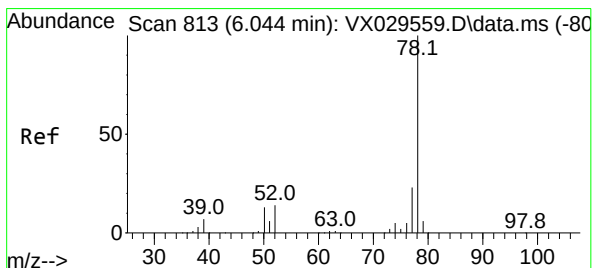
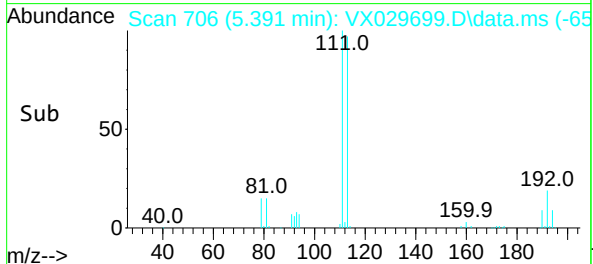
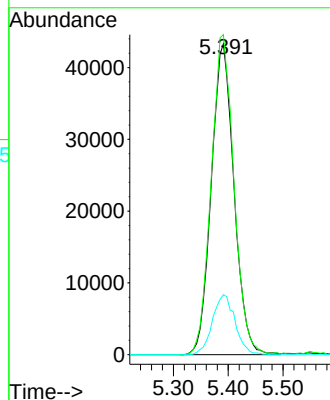
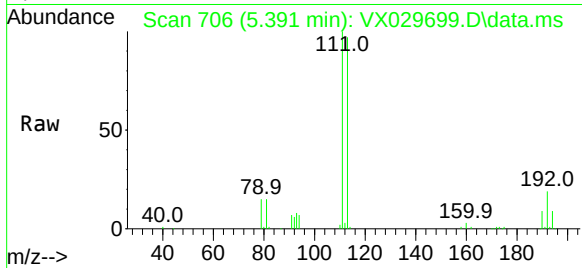




#35
Dibromofluoromethane
Concen: 44.191 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

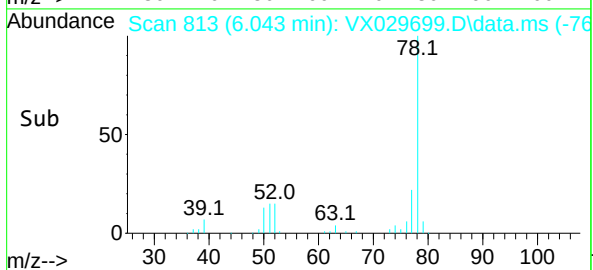
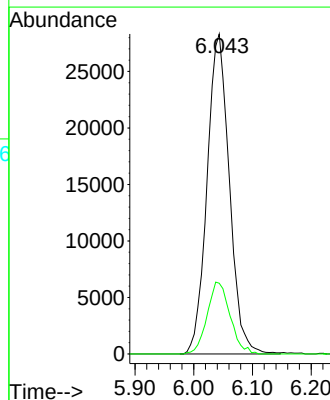
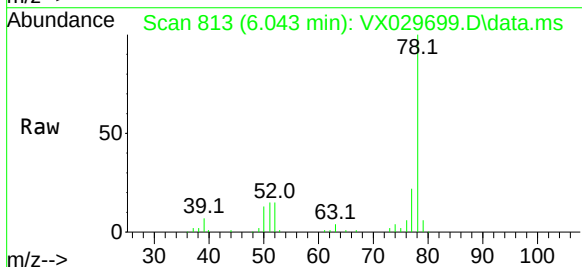
Instrument :
MSVOA_X
ClientSampleId :
40807

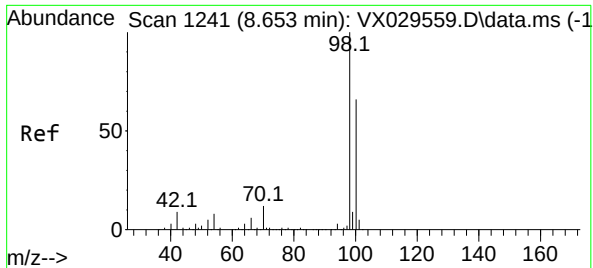
Tgt Ion:113 Resp: 124301
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.3 16.9 25.3



#40
Benzene
Concen: 6.614 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

Tgt Ion: 78 Resp: 74640
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9

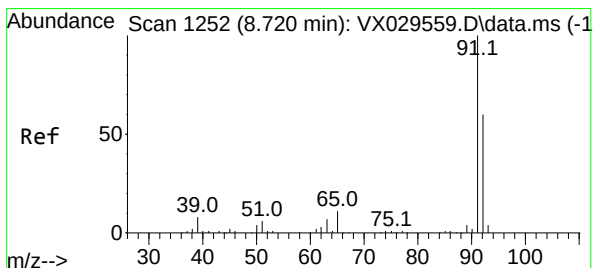
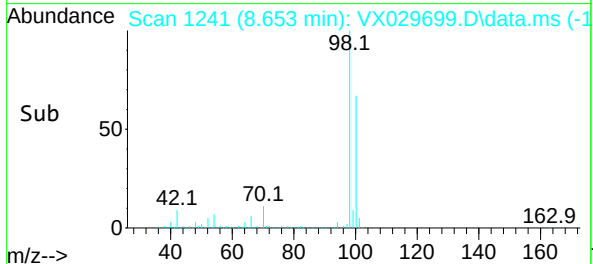
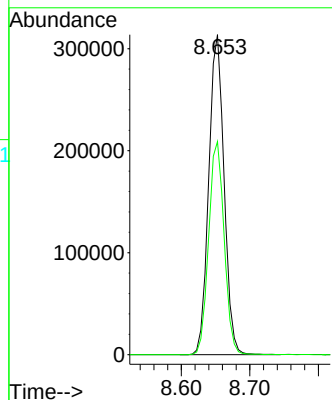
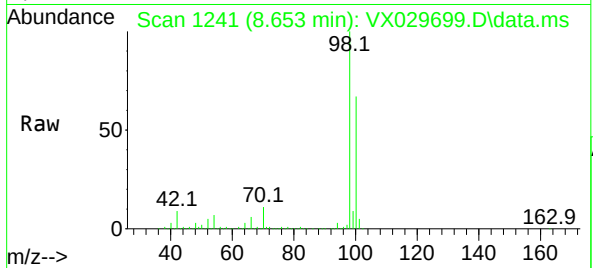




#50
Toluene-d8
Concen: 47.532 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

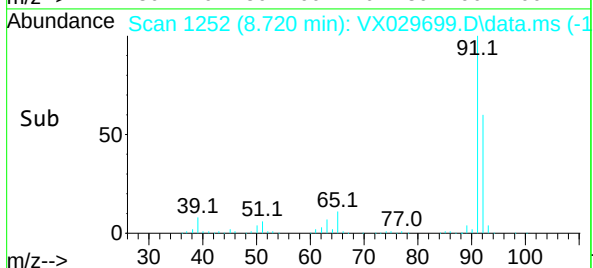
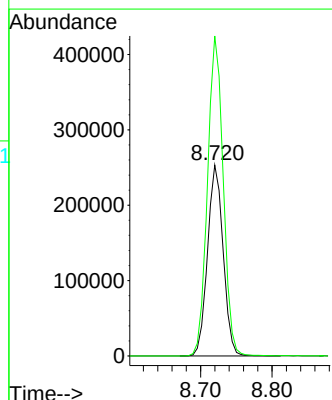
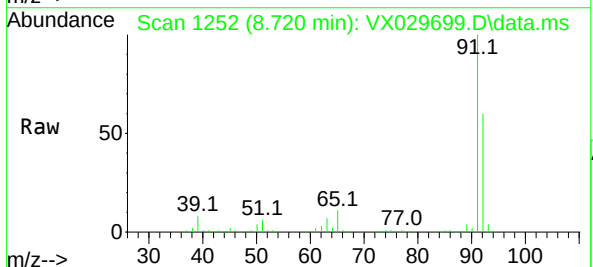
Instrument :
MSVOA_X
ClientSampleId :
40807

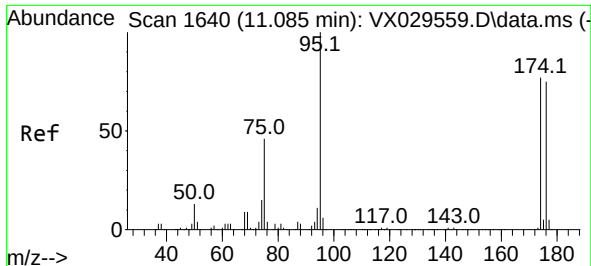
Tgt Ion: 98 Resp: 488436
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8



#52
Toluene
Concen: 53.236 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

Tgt Ion: 92 Resp: 384695
Ion Ratio Lower Upper
92 100
91 168.4 137.5 206.3

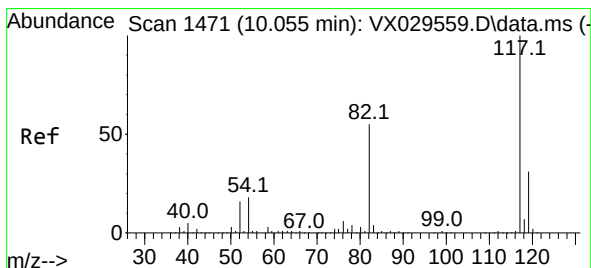
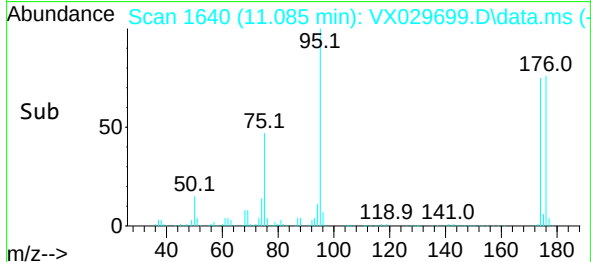
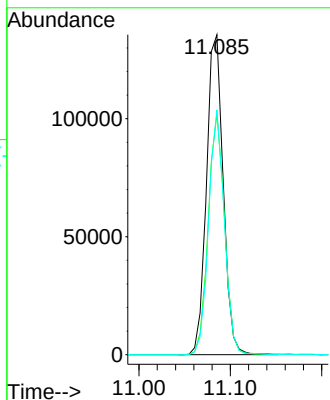
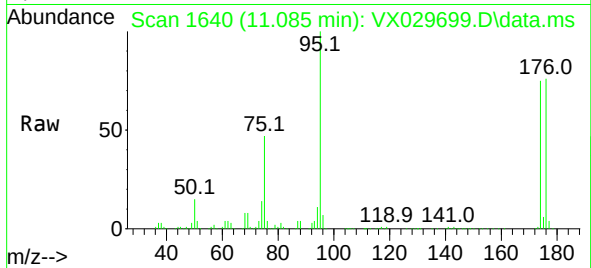




#62
4-Bromofluorobenzene
Concen: 44.360 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

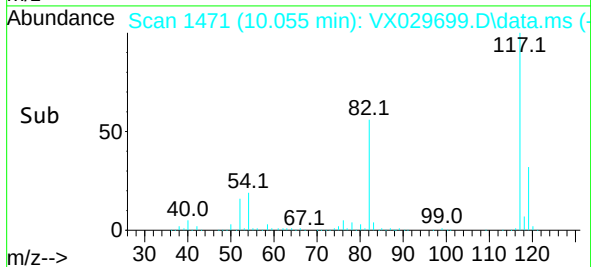
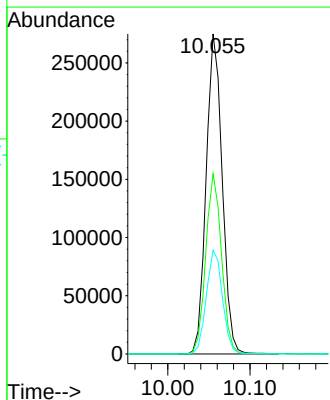
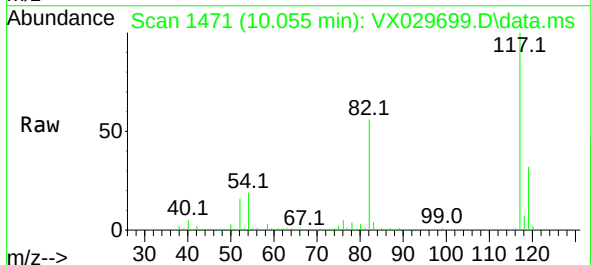
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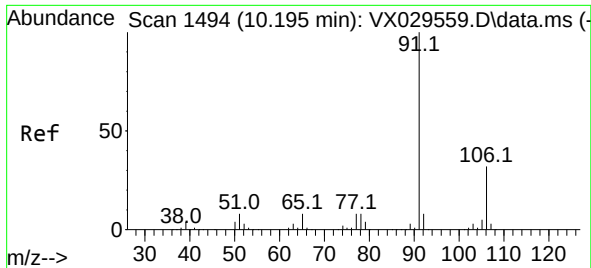
Tgt Ion: 95 Resp: 171900
Ion Ratio Lower Upper
95 100
174 73.6 0.0 163.0
176 71.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

Tgt Ion: 117 Resp: 373177
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.5 24.8 37.2

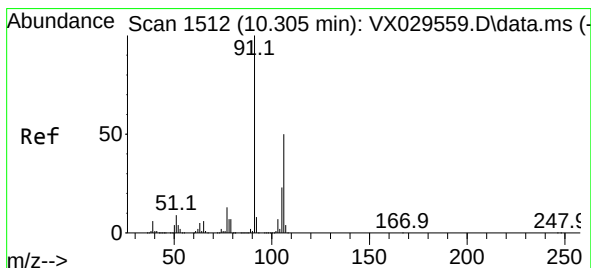
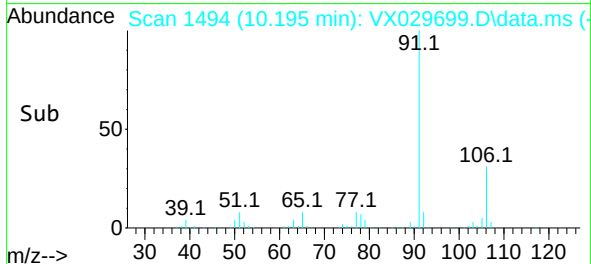
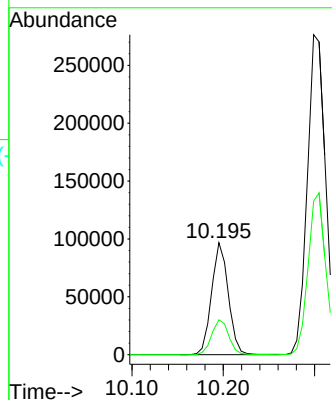
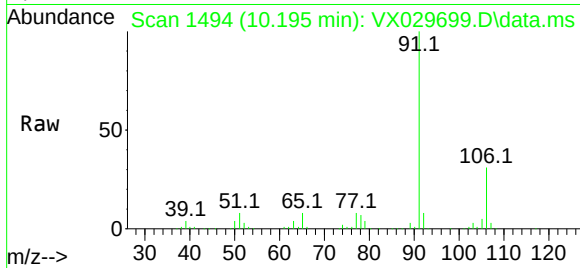




#67
Ethyl Benzene
Concen: 9.330 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

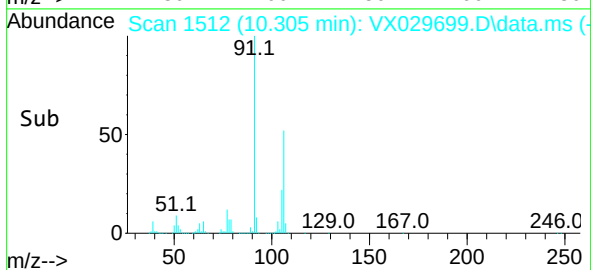
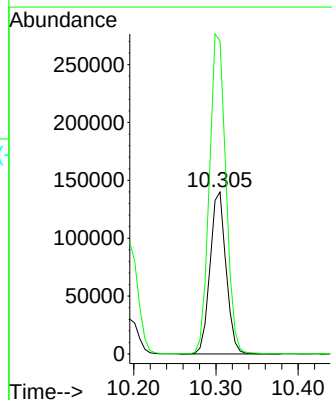
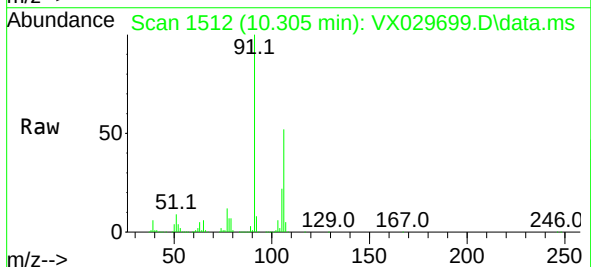
Instrument :
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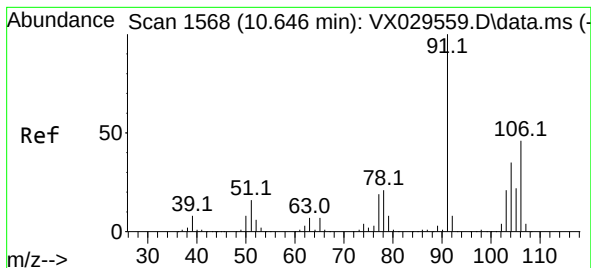
Tgt Ion: 91 Resp: 122895
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 36.695 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

Tgt Ion: 106 Resp: 188499
Ion Ratio Lower Upper
106 100
91 204.6 160.4 240.6





#69

o-Xylene

Concen: 22.769 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029699.D

Acq: 22 Jun 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

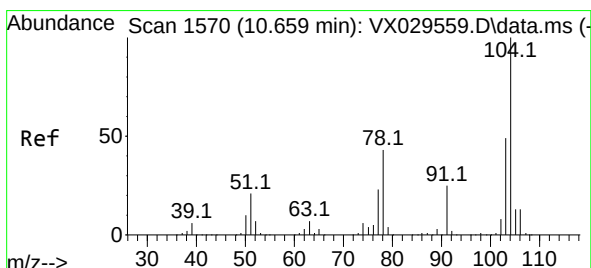
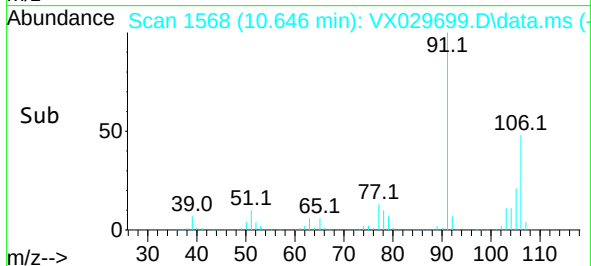
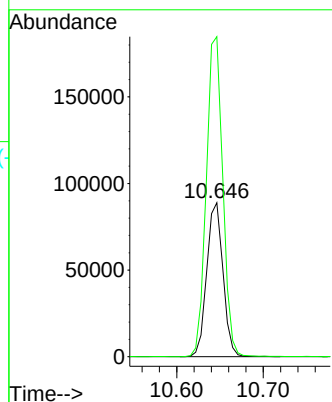
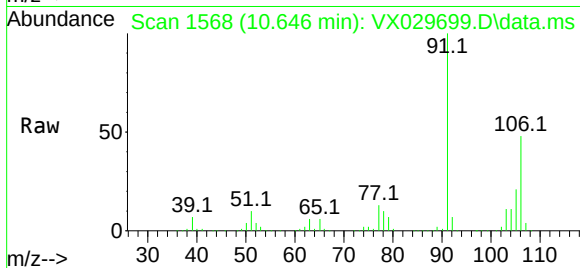
40807

Tgt Ion:106 Resp: 115560

Ion Ratio Lower Upper

106 100

91 211.9 106.1 318.1



#70

Styrene

Concen: 7.930 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.001 min

Lab File: VX029699.D

Acq: 22 Jun 2022 15:14

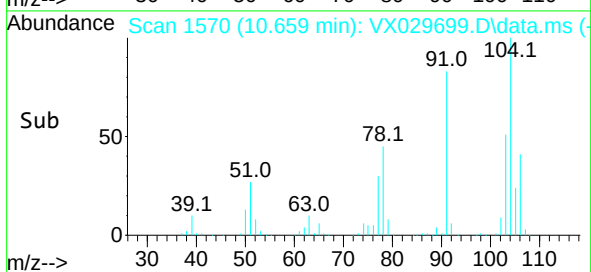
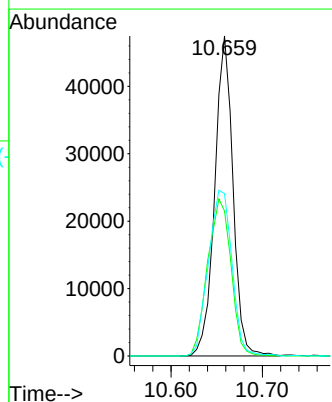
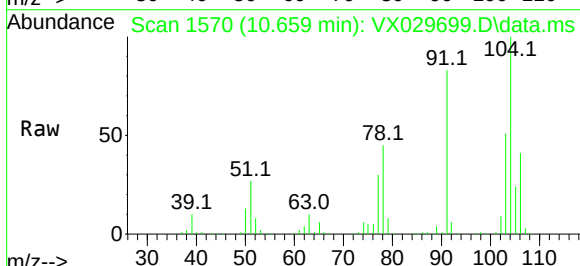
Tgt Ion:104 Resp: 65897

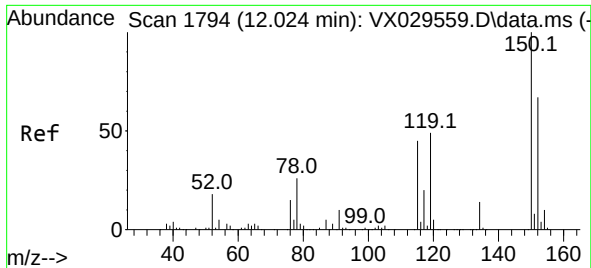
Ion Ratio Lower Upper

104 100

78 62.5 38.6 57.8#

103 66.9 43.8 65.8#

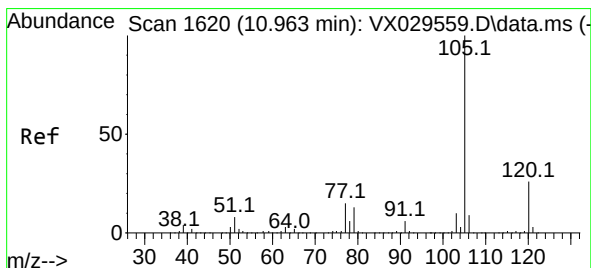
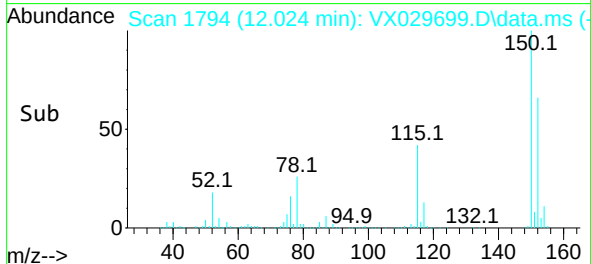
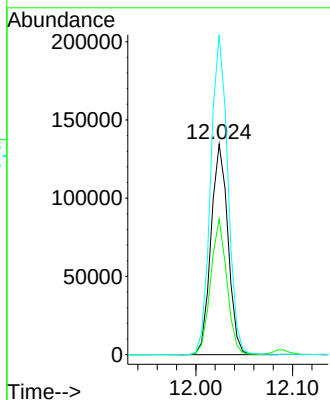
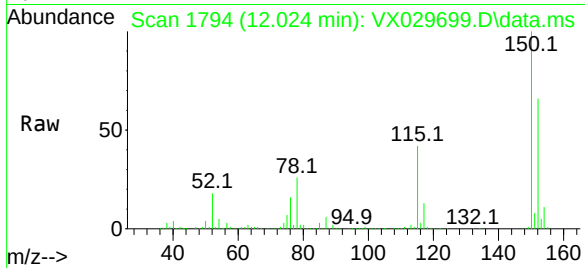




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

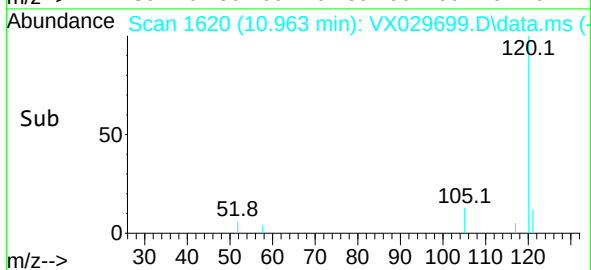
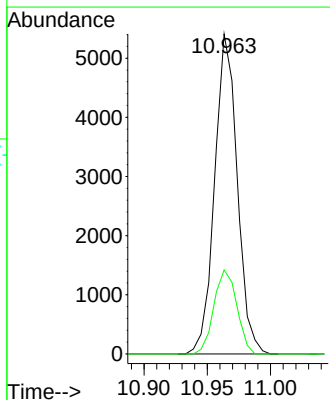
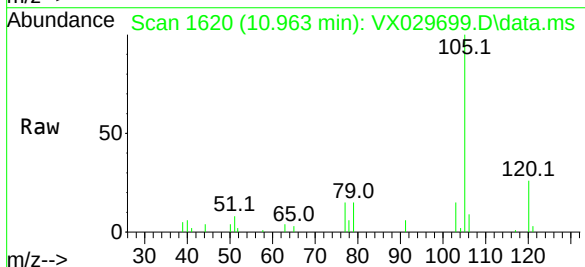
Instrument :
MSVOA_X
ClientSampleId :
40807

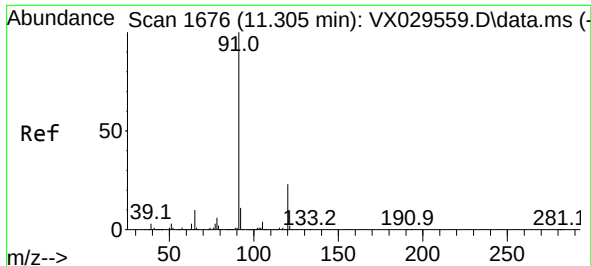
Tgt Ion:152 Resp: 164218
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 153.4 0.0 338.2



#73
Isopropylbenzene
Concen: 0.545 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

Tgt Ion:105 Resp: 6707
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5

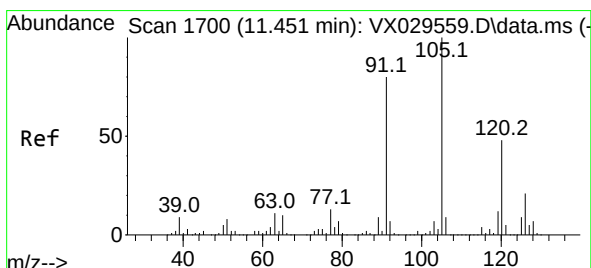
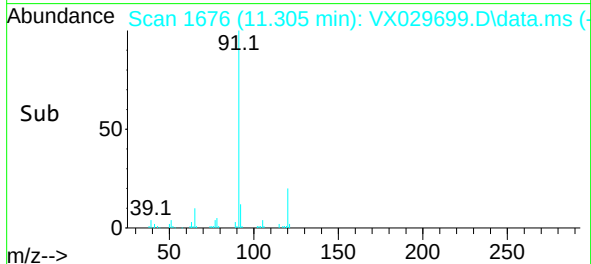
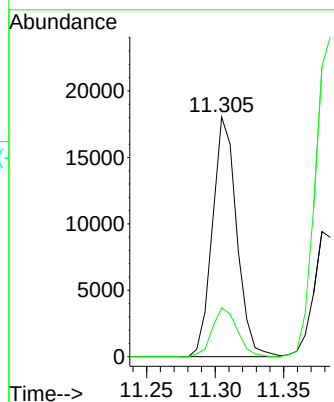
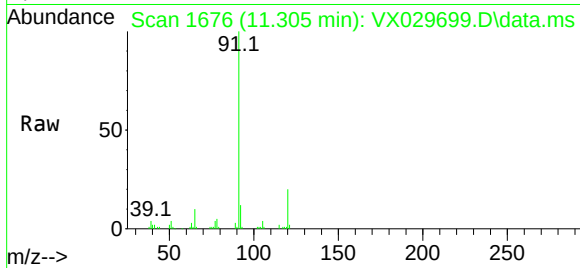




#78
n-propylbenzene
Concen: 1.601 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

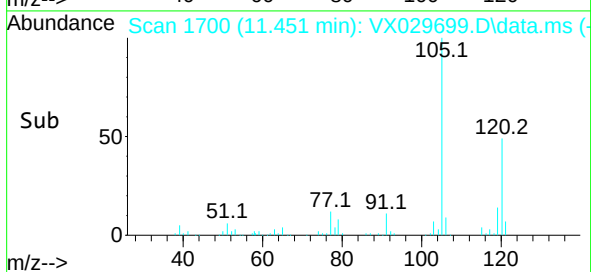
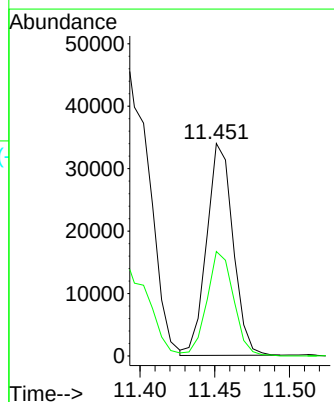
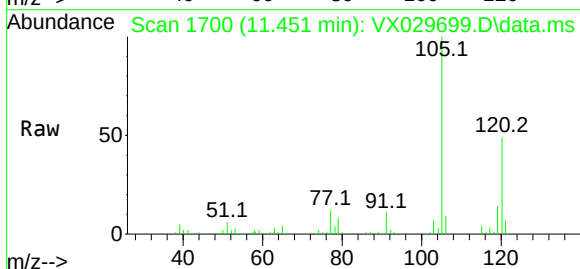
Instrument :
MSVOA_X
ClientSampleId :
40807

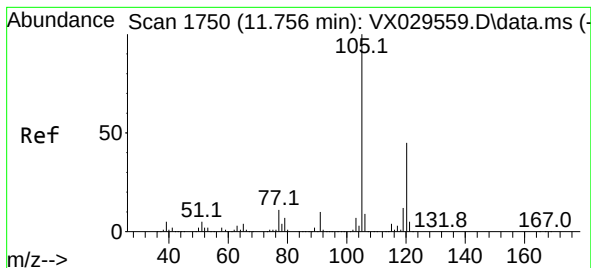
Tgt Ion: 91 Resp: 22208
Ion Ratio Lower Upper
91 100
120 21.0 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 4.022 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029699.D
Acq: 22 Jun 2022 15:14

Tgt Ion: 105 Resp: 41704
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.9





#84

1,2,4-Trimethylbenzene

Concen: 21.597 ug/l

RT: 11.756 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029699.D

Acq: 22 Jun 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

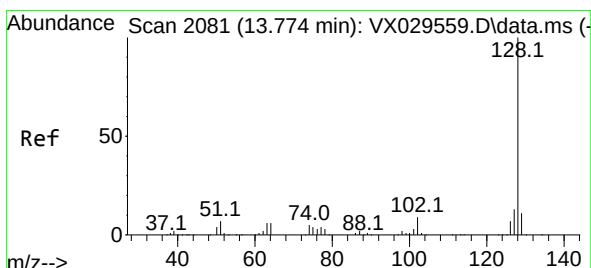
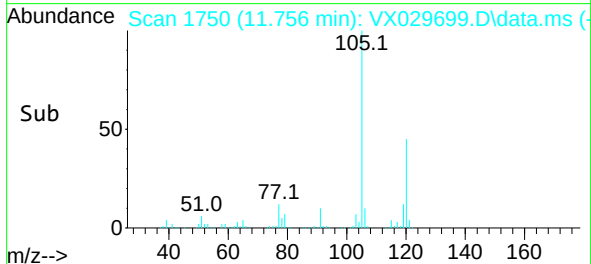
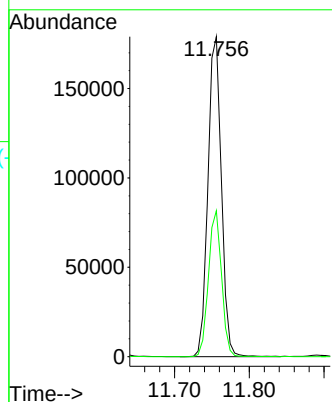
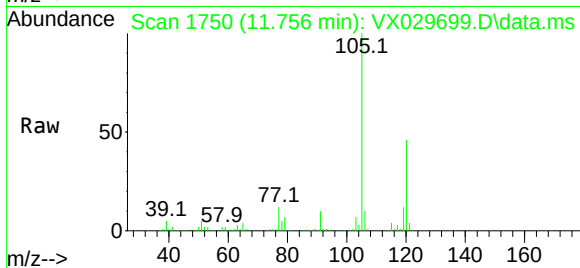
40807

Tgt Ion:105 Resp: 223353

Ion Ratio Lower Upper

105 100

120 44.5 22.6 67.8



#95

Naphthalene

Concen: 21.861 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029699.D

Acq: 22 Jun 2022 15:14

Tgt Ion:128 Resp: 251815

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.7 8.7 13.1

