

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029029.D
 Acq On : 27 May 2022 17:10
 Operator : JC/MD
 Sample : N2968-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40

Quant Time: May 27 22:10:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

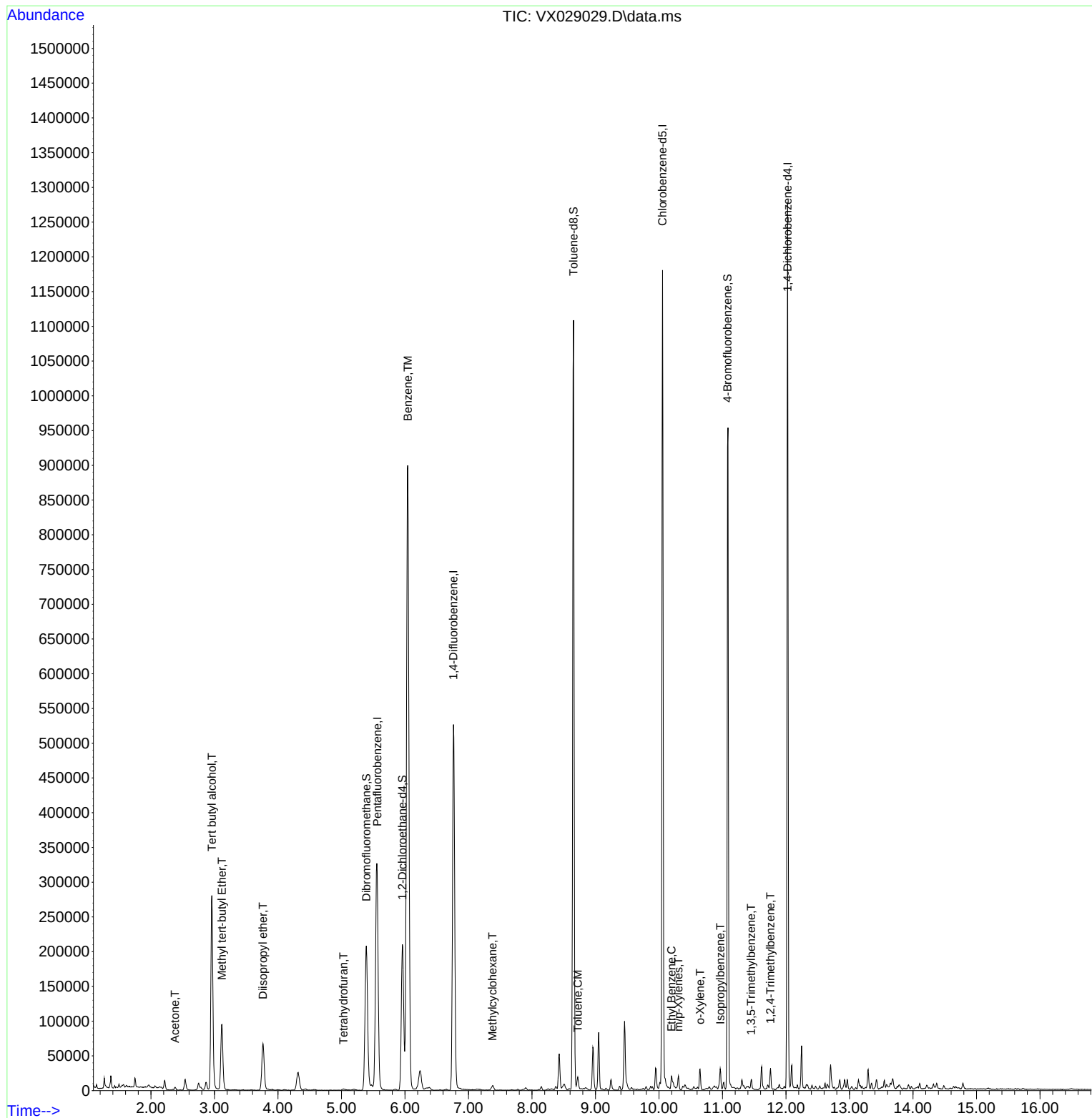
Internal Standards						
1) Pentafluorobenzene	5.562	168	315669	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	558665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	543353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206472	47.716	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.440%
35) Dibromofluoromethane	5.391	113	181506	49.588	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.180%
50) Toluene-d8	8.653	98	668208	48.421	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.840%
62) 4-Bromofluorobenzene	11.079	95	267453	51.888	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	334778	368.339	ug/l	99
16) Acetone	2.380	43	5371	2.892	ug/l	88
19) Methyl tert-butyl Ether	3.117	73	110134	9.500	ug/l	100
22) Diisopropyl ether	3.764	45	71949	6.425	ug/l #	89
29) Tetrahydrofuran	5.032	42	1554	0.820	ug/l #	84
39) Methylcyclohexane	7.379	83	2812	0.446	ug/l	88
40) Benzene	6.044	78	1144192	72.416	ug/l	99
52) Toluene	8.720	92	4752	0.468	ug/l	98
67) Ethyl Benzene	10.195	91	13886	0.672	ug/l	99
68) m/p-Xylenes	10.305	106	4762	0.592	ug/l	99
69) o-Xylene	10.647	106	6853	0.865	ug/l	99
73) Isopropylbenzene	10.964	105	13399	0.683	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	6418	0.393	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	13289	0.811	ug/l	96

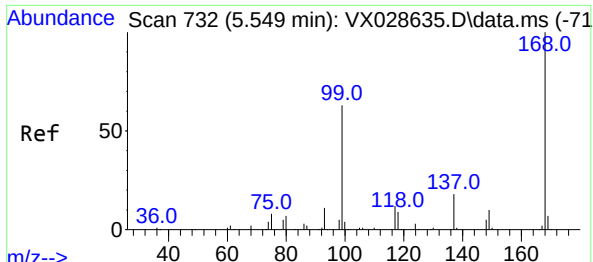
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 27 22:10:28 2022
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Quant Title : SW846 8260
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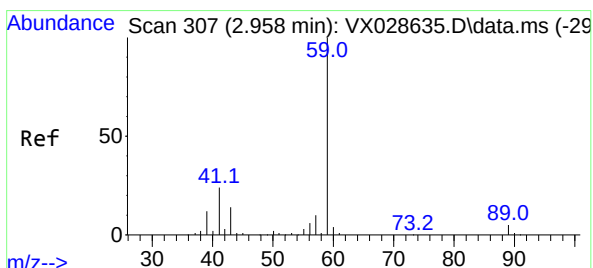
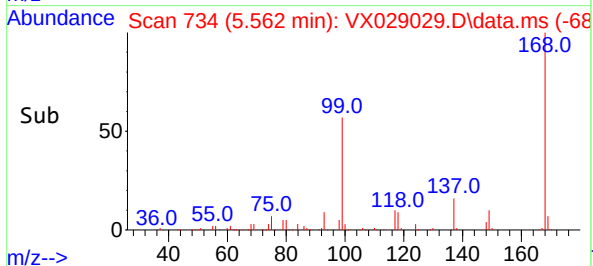
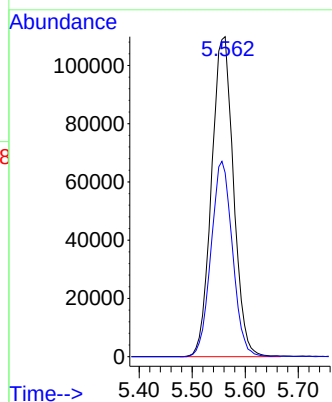
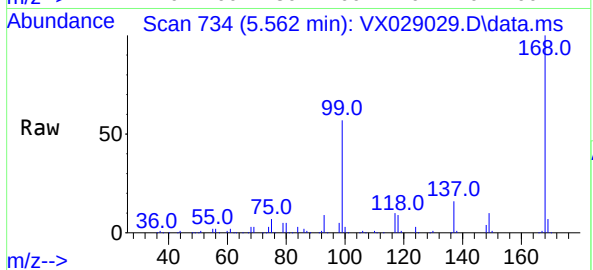




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.013 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

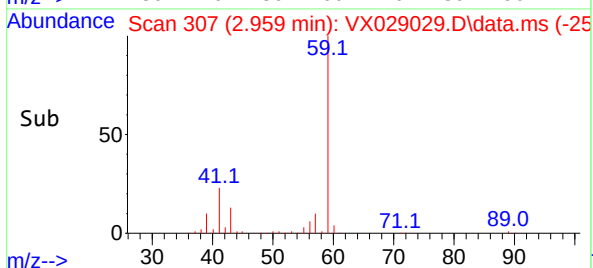
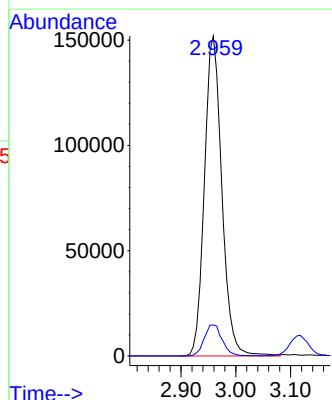
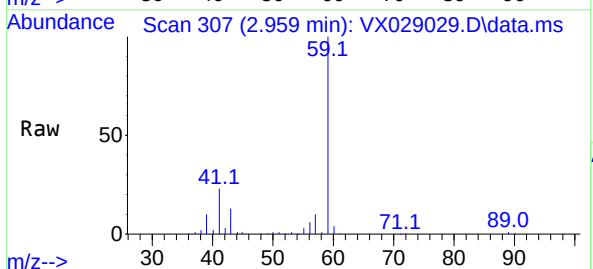
Instrument :
MSVOA_X
ClientSampleId :
MW-40

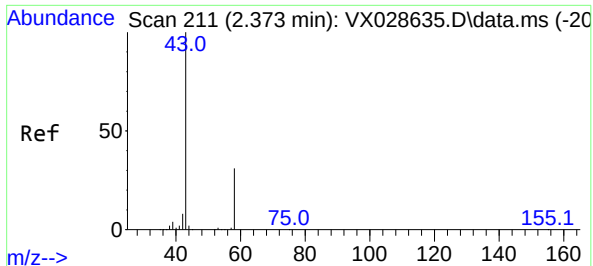
Tgt Ion:168 Resp: 315669
Ion Ratio Lower Upper
168 100
99 57.5 41.7 62.5



#11
Tert butyl alcohol
Concen: 368.339 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Tgt Ion: 59 Resp: 334778
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

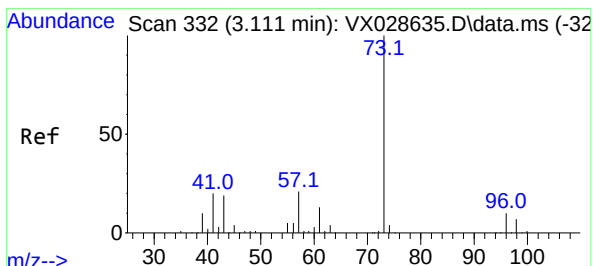
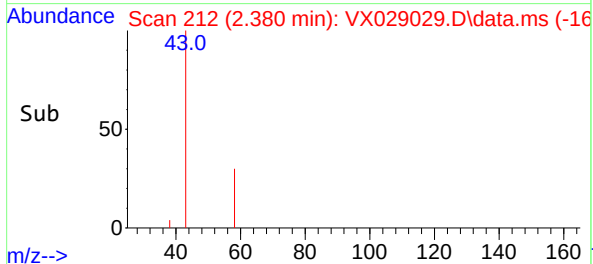
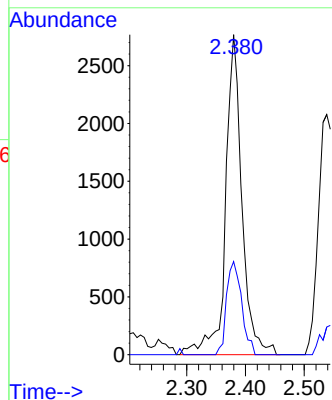
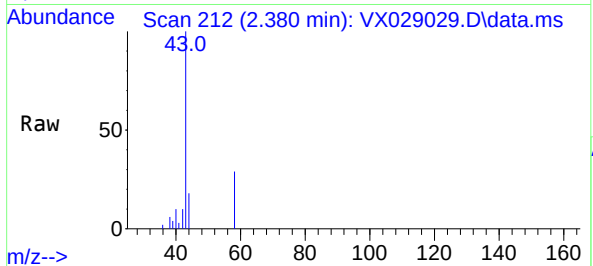




#16
Acetone
Concen: 2.892 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

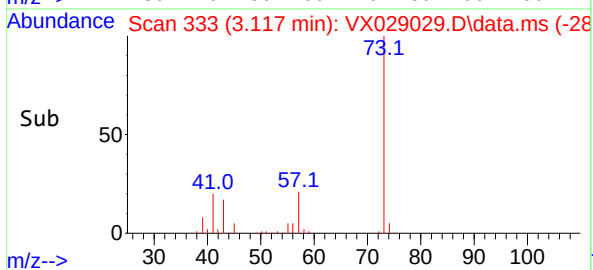
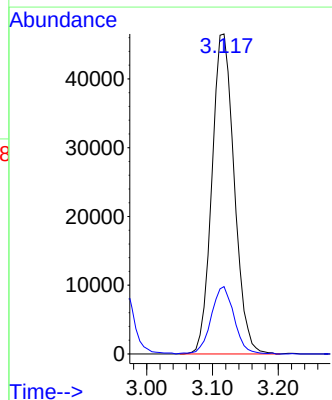
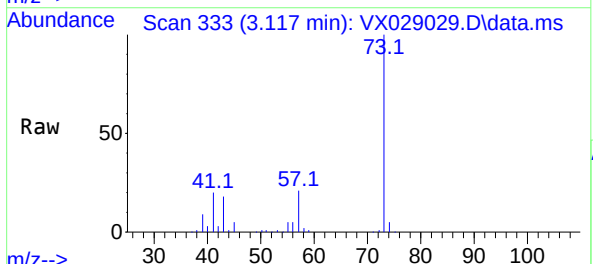
Instrument :
MSVOA_X
ClientSampleId :
MW-40

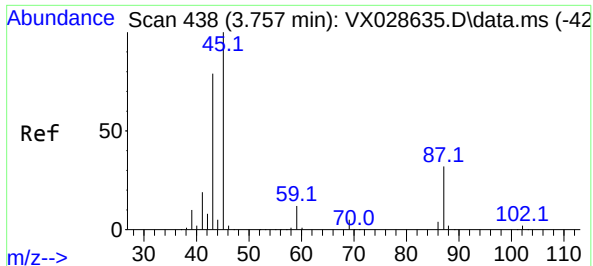
Tgt Ion: 43 Resp: 5371
Ion Ratio Lower Upper
43 100
58 29.1 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 9.500 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Tgt Ion: 73 Resp: 110134
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2

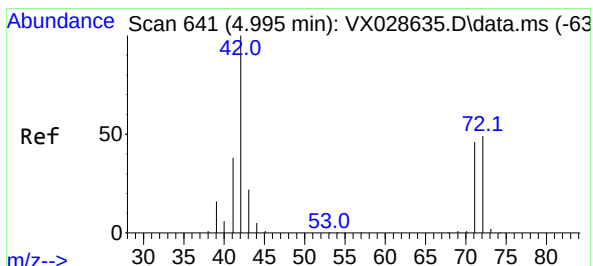
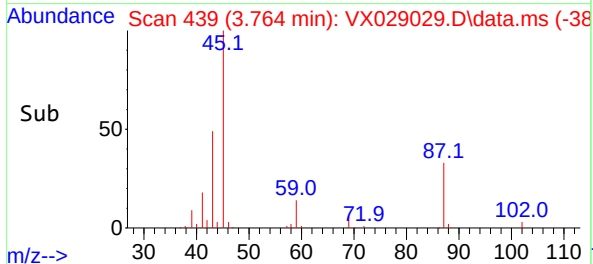
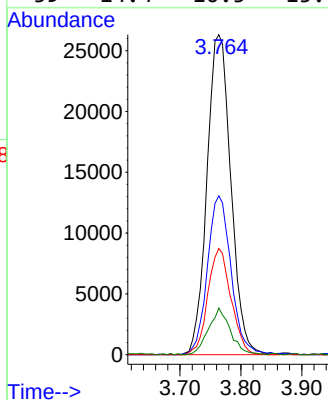
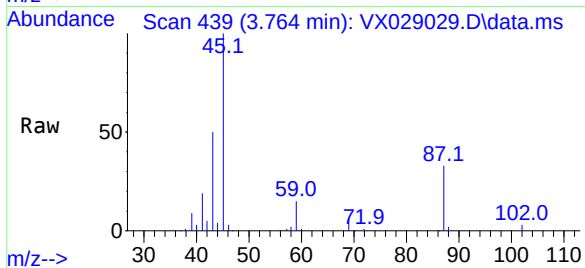




#22
Diisopropyl ether
Concen: 6.425 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.007 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

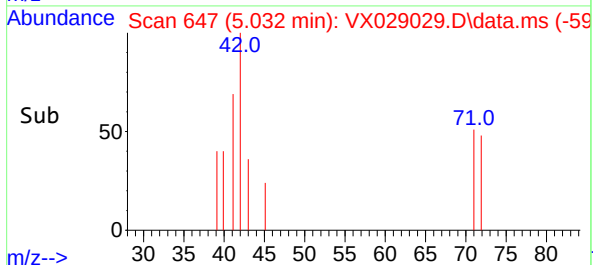
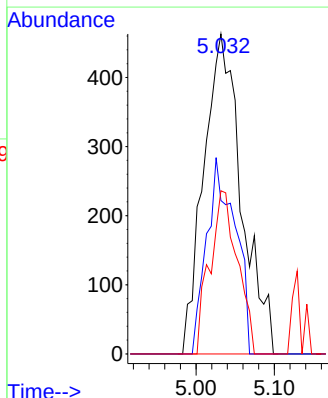
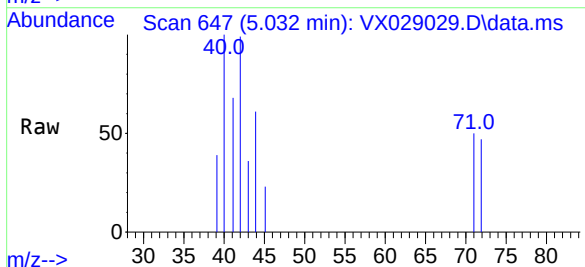
Instrument :
MSVOA_X
ClientSampleId :
MW-40

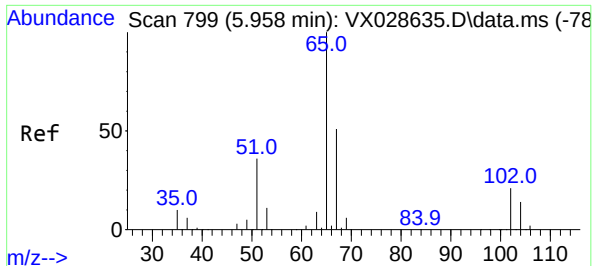
Tgt Ion:	45	Resp:	71949
Ion	Ratio	Lower	Upper
45	100		
43	49.6	50.8	76.2#
87	33.2	26.6	39.8
59	14.4	10.5	15.7



#29
Tetrahydrofuran
Concen: 0.820 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Tgt Ion:	42	Resp:	1554
Ion	Ratio	Lower	Upper
42	100		
72	46.1	44.1	66.1
71	37.2	40.5	60.7#





#33

1,2-Dichloroethane-d4

Concen: 47.716 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029029.D

Acq: 27 May 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

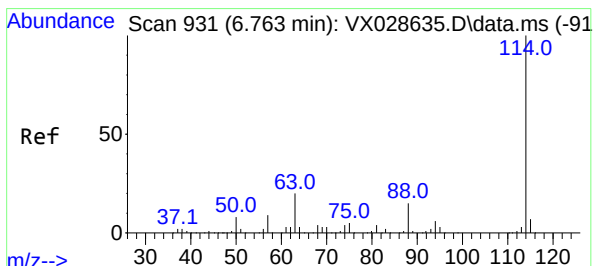
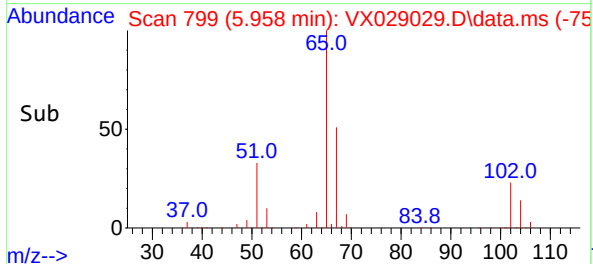
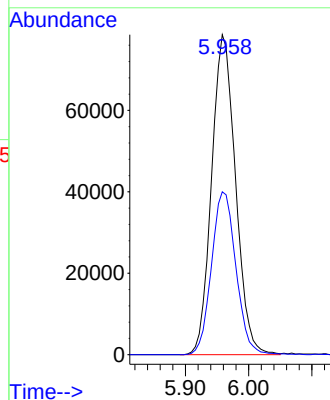
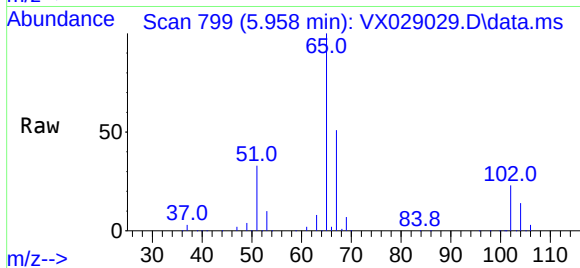
MW-40

Tgt Ion: 65 Resp: 206472

Ion Ratio Lower Upper

65 100

67 52.1 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: VX029029.D

Acq: 27 May 2022 17:10

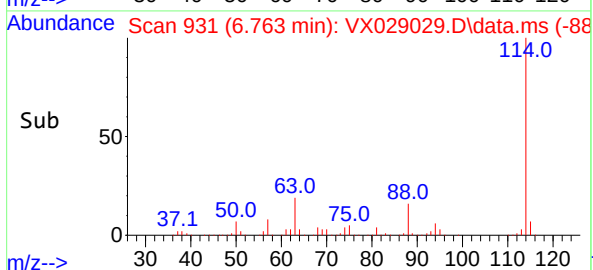
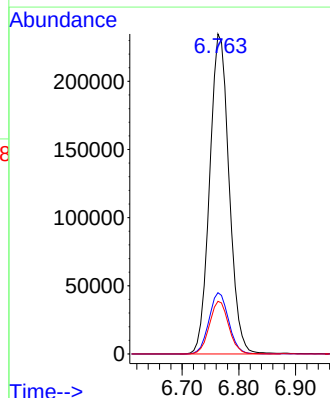
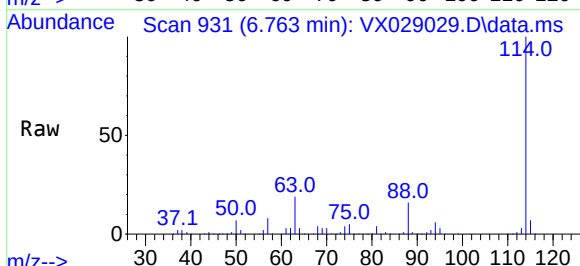
Tgt Ion: 114 Resp: 558665

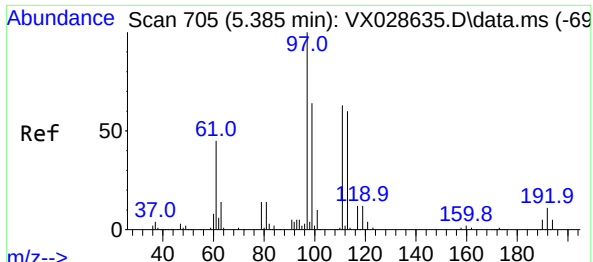
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 16.4 0.0 32.4

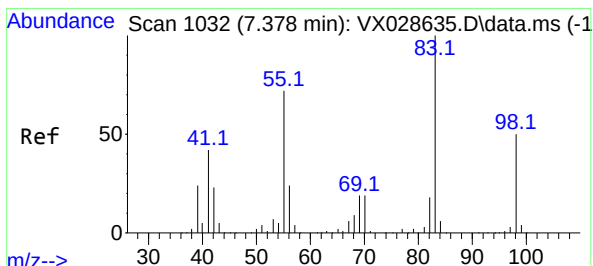
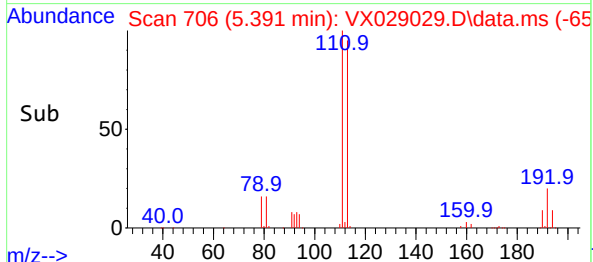
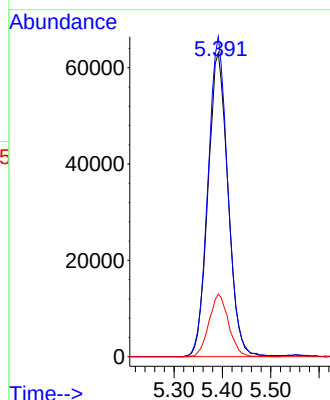
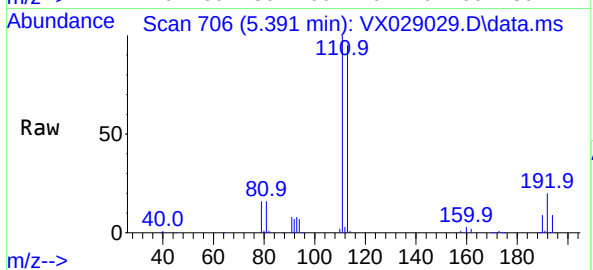




#35
Dibromofluoromethane
Concen: 49.588 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

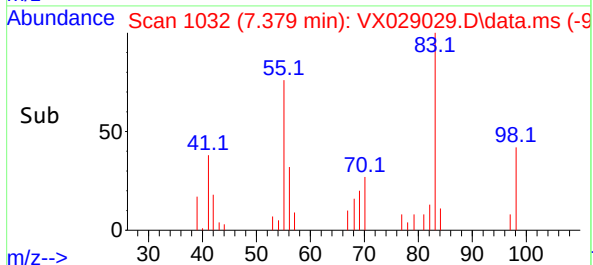
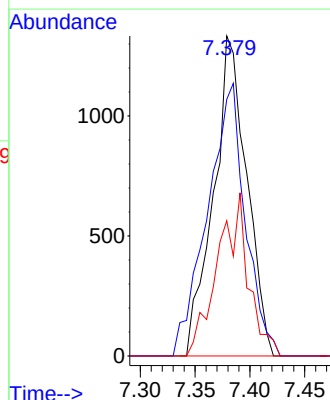
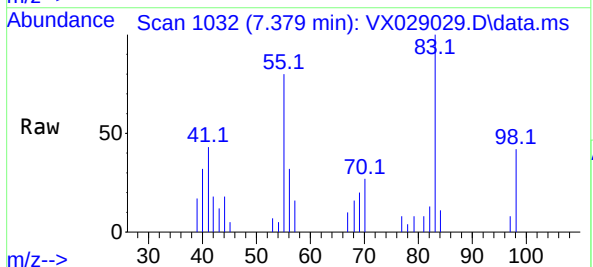
Instrument :
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ClientSampleId :
MW-40

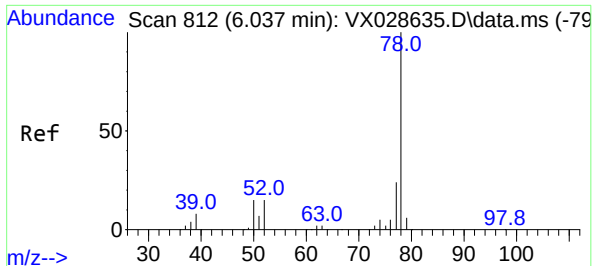
Tgt Ion:113 Resp: 181506
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 20.1 16.9 25.3



#39
Methylcyclohexane
Concen: 0.446 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Tgt Ion: 83 Resp: 2812
Ion Ratio Lower Upper
83 100
55 80.2 54.6 81.8
98 42.2 37.4 56.2

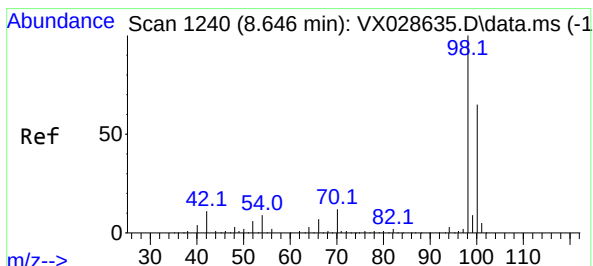
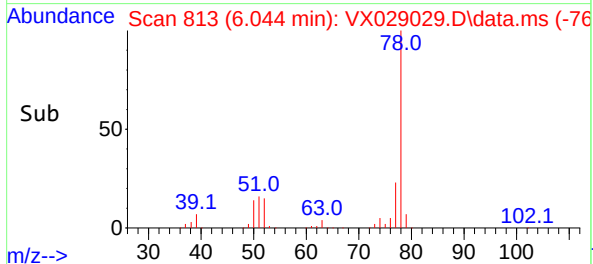
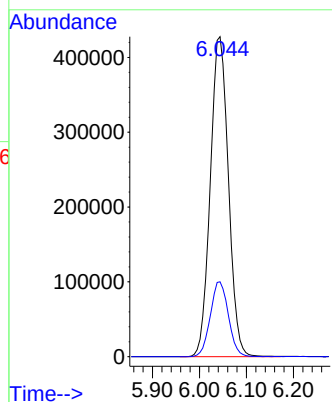
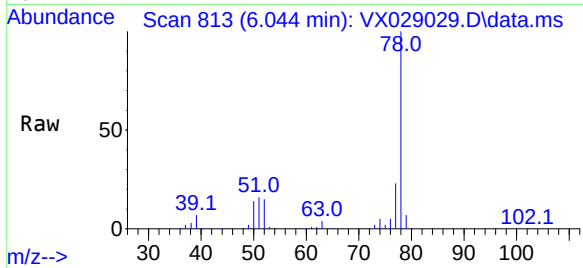




#40
Benzene
Concen: 72.416 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

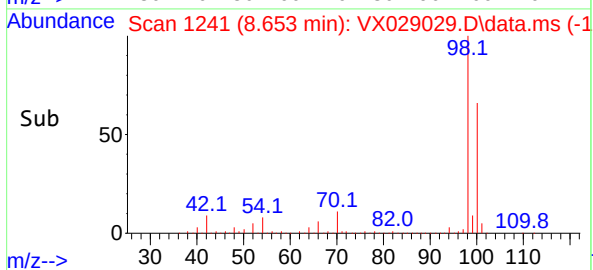
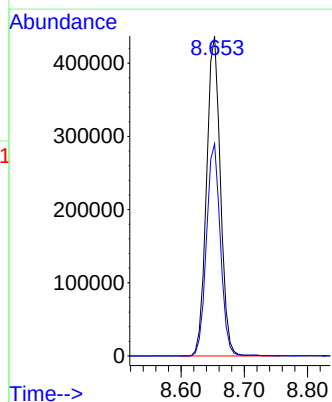
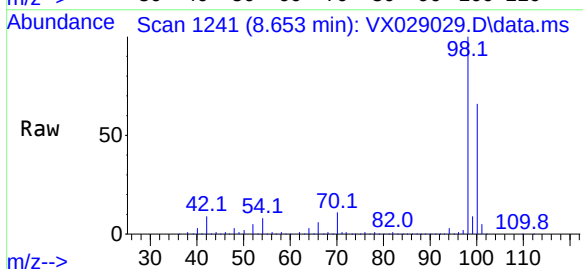
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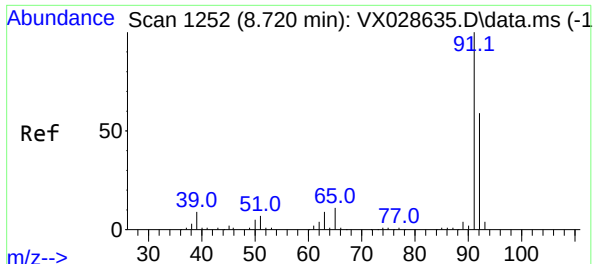
Tgt Ion: 78 Resp: 1144192
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9



#50
Toluene-d8
Concen: 48.421 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Tgt Ion: 98 Resp: 668208
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

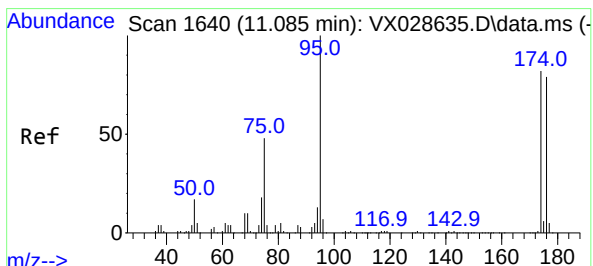
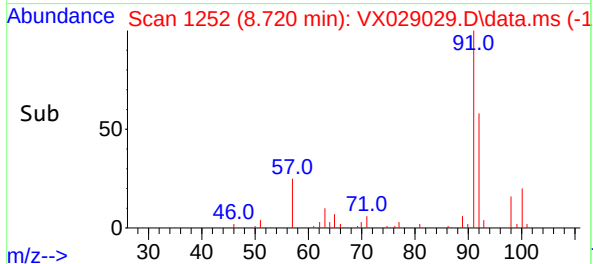
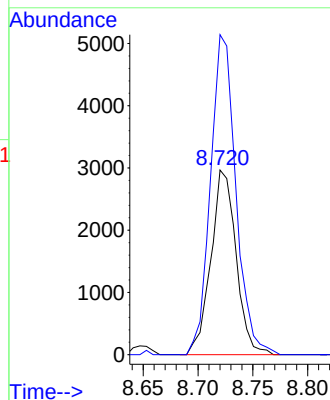
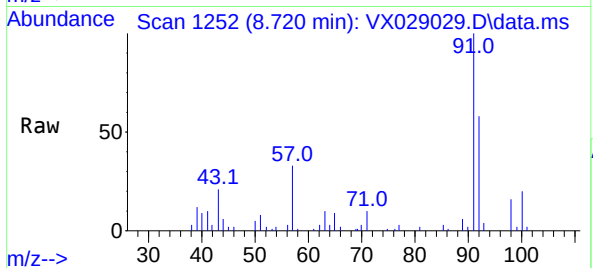




#52
Toluene
Concen: 0.468 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

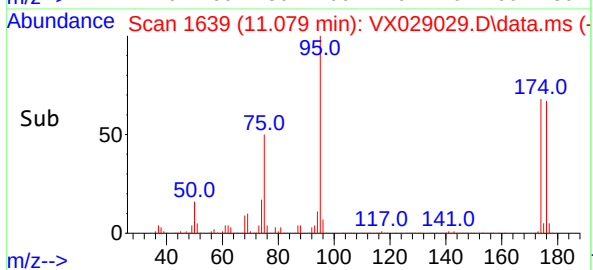
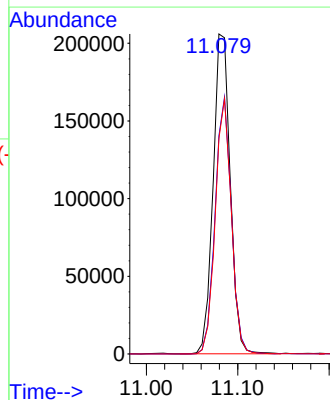
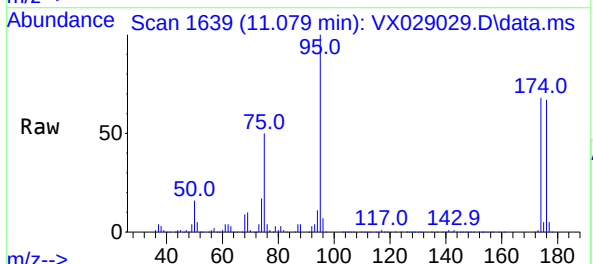
Instrument :
MSVOA_X
ClientSampleId :
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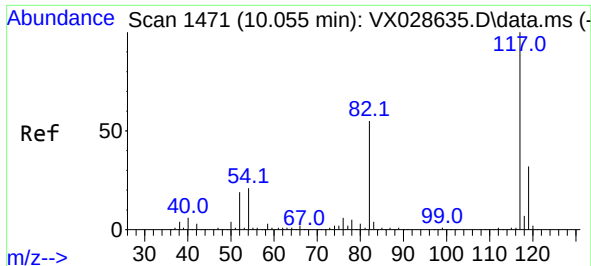
Tgt Ion: 92 Resp: 4752
Ion Ratio Lower Upper
92 100
91 174.6 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 51.888 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Tgt Ion: 95 Resp: 267453
Ion Ratio Lower Upper
95 100
174 76.4 0.0 163.0
176 75.2 0.0 155.0

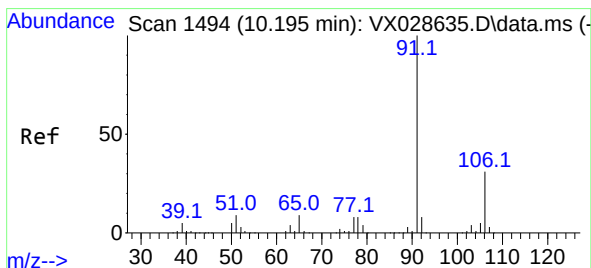
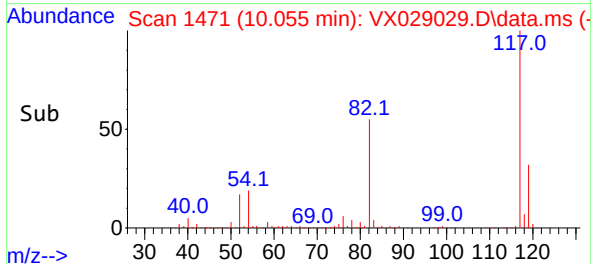
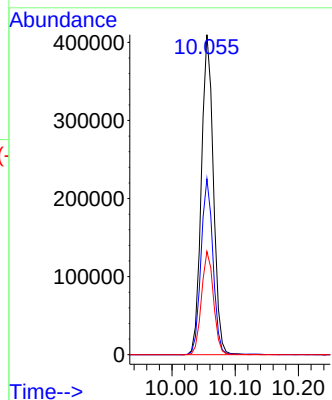
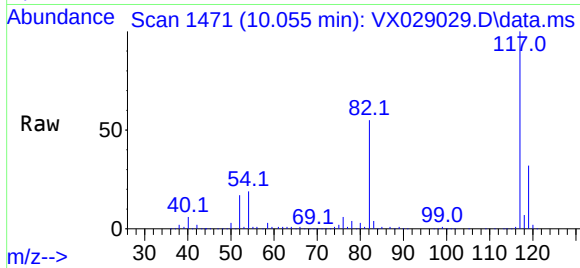




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

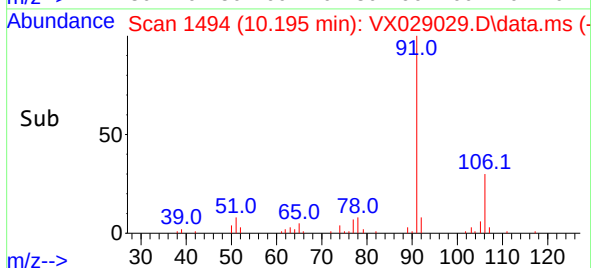
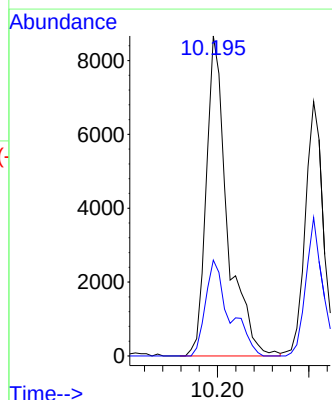
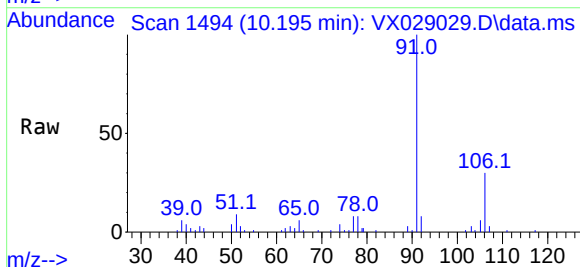
Instrument :
MSVOA_X
ClientSampleId :
MW-40

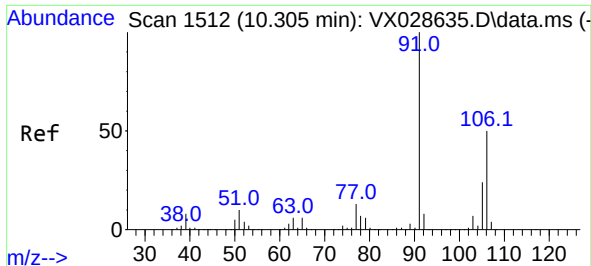
Tgt Ion:117 Resp: 543353
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 32.3 24.8 37.2



#67
Ethyl Benzene
Concen: 0.672 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Tgt Ion: 91 Resp: 13886
Ion Ratio Lower Upper
91 100
106 29.9 24.6 36.8

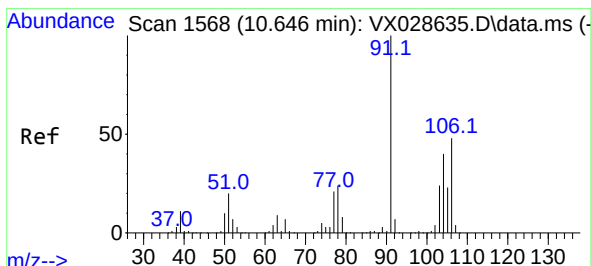
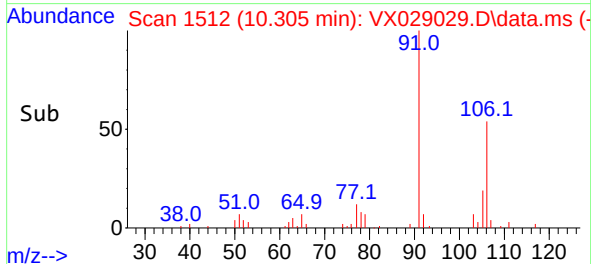
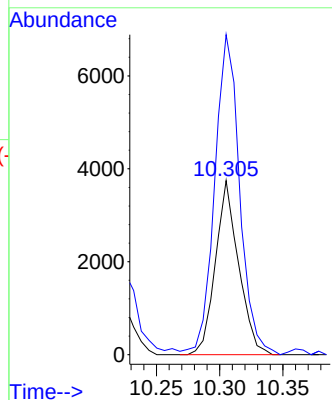
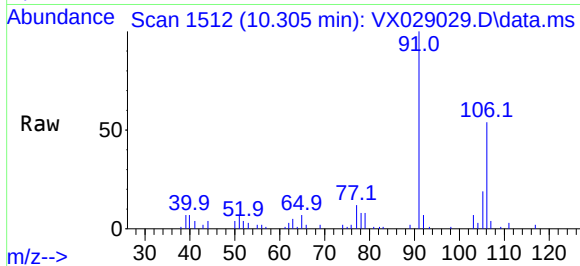




#68
m/p-Xylenes
Concen: 0.592 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

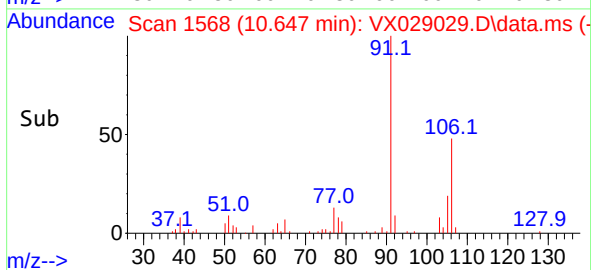
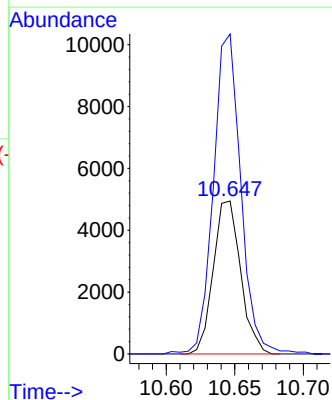
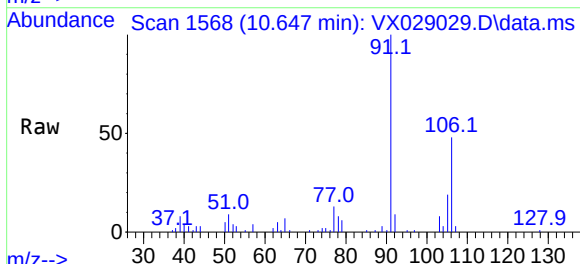
Instrument :
MSVOA_X
ClientSampleId :
MW-40

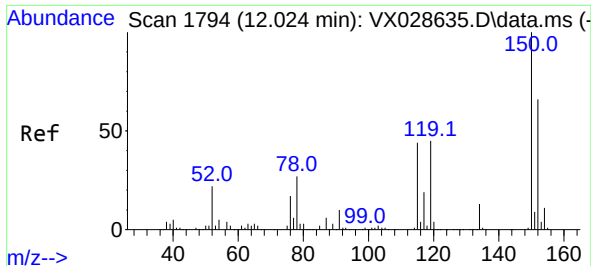
Tgt Ion:106 Resp: 4762
Ion Ratio Lower Upper
106 100
91 198.3 160.4 240.6



#69
o-Xylene
Concen: 0.865 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Tgt Ion:106 Resp: 6853
Ion Ratio Lower Upper
106 100
91 210.4 106.1 318.1

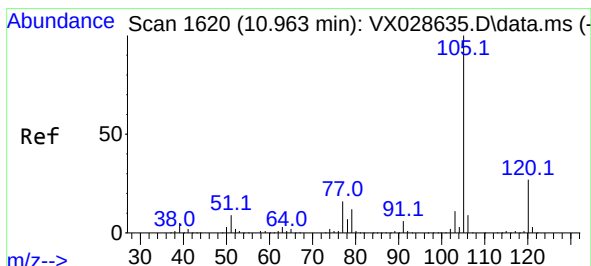
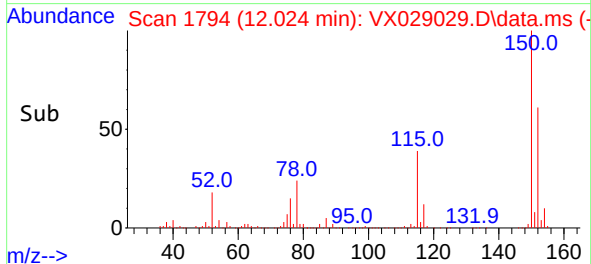
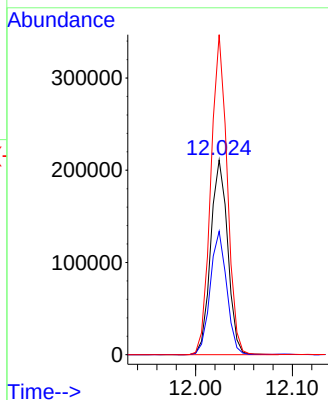
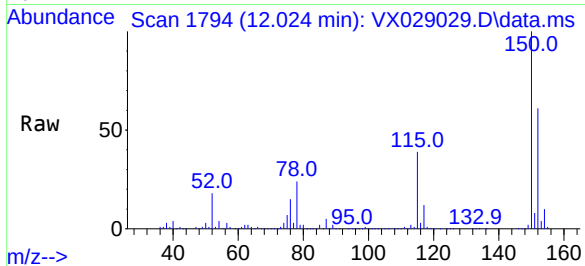




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

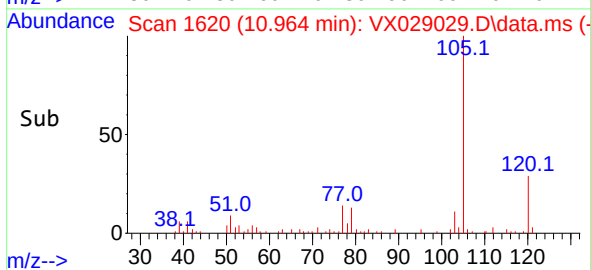
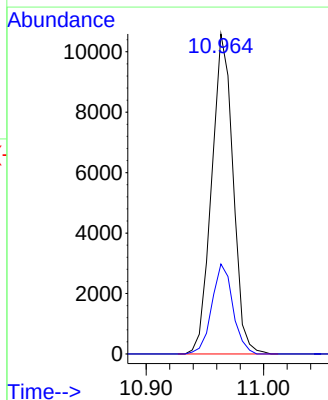
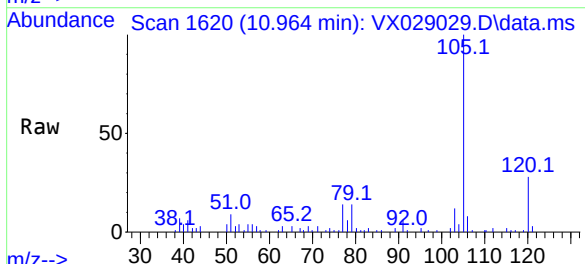
Instrument :
MSVOA_X
ClientSampleId :
MW-40

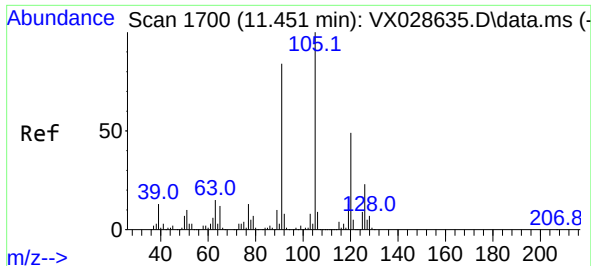
Tgt Ion:152 Resp: 258596
Ion Ratio Lower Upper
152 100
115 61.3 37.5 112.7
150 158.0 0.0 338.2



#73
Isopropylbenzene
Concen: 0.683 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Tgt Ion:105 Resp: 13399
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.5

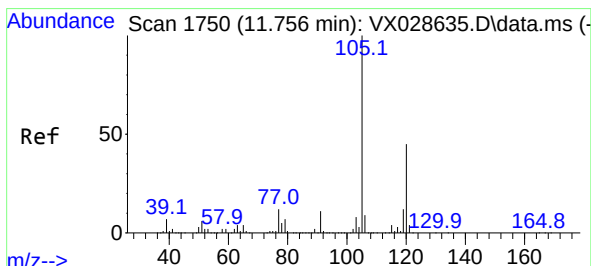
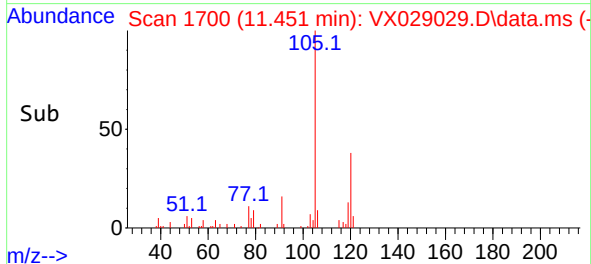
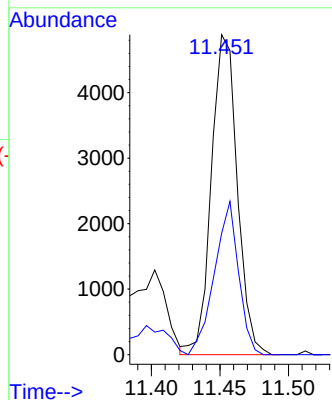
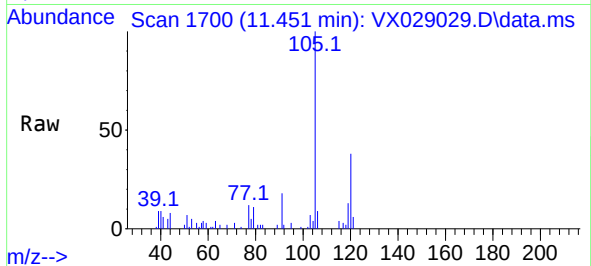




#80
1,3,5-Trimethylbenzene
Concen: 0.393 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Instrument :
MSVOA_X
ClientSampleId :
MW-40

Tgt Ion:105 Resp: 6418
Ion Ratio Lower Upper
105 100
120 44.5 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 0.811 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029029.D
Acq: 27 May 2022 17:10

Tgt Ion:105 Resp: 13289
Ion Ratio Lower Upper
105 100
120 42.7 22.6 67.8

