

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035364.D
 Acq On : 28 Apr 2023 04:36
 Operator : JC/MD
 Sample : 02522-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Apr 28 06:43:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

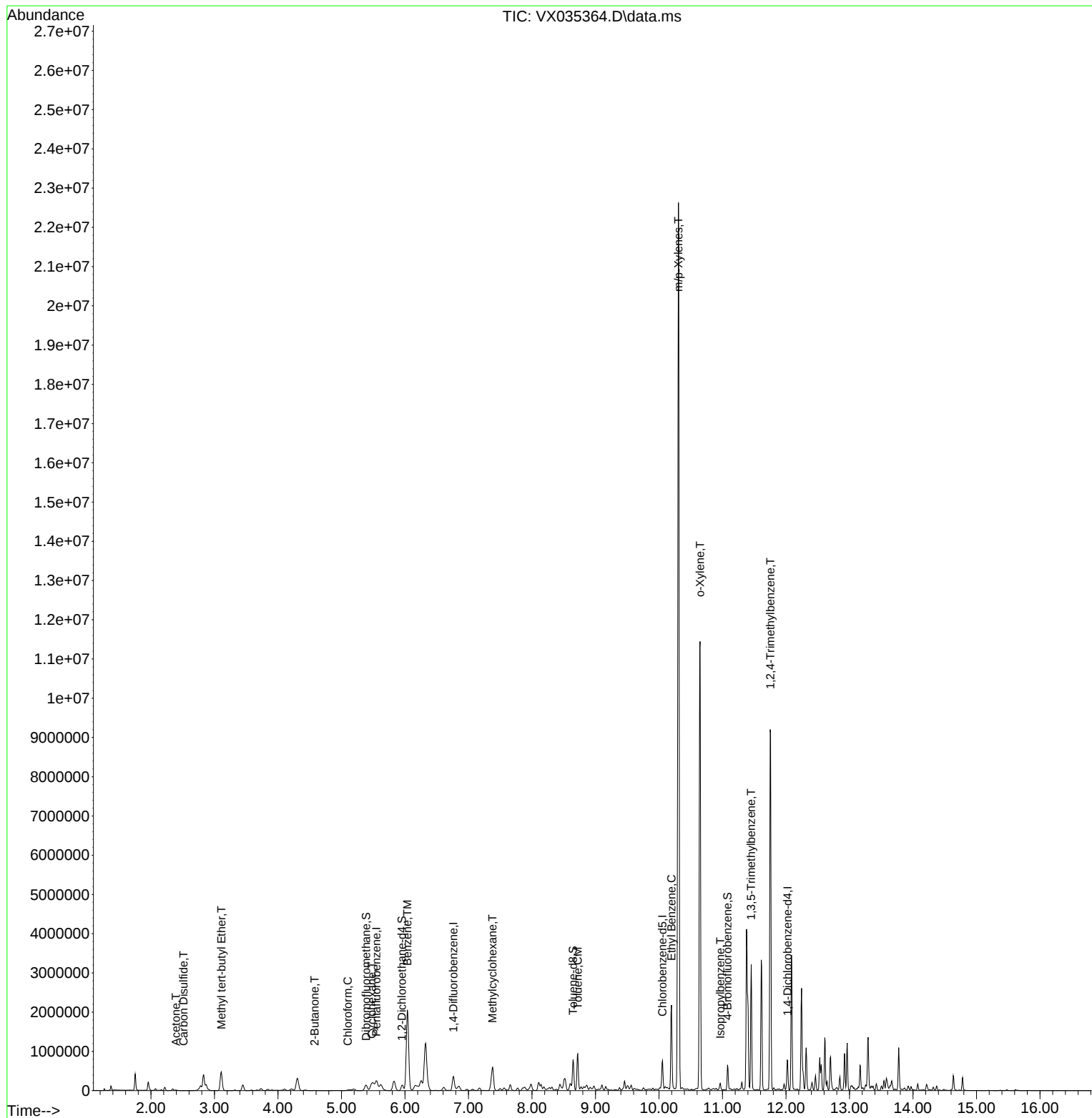
Internal Standards						
1) Pentafluorobenzene	5.550	168	234594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	378052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	140506	49.645	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.280%
35) Dibromofluoromethane	5.385	113	117937	50.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.660%
50) Toluene-d8	8.647	98	451905	51.627	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.260%
62) 4-Bromofluorobenzene	11.079	95	171564	52.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.200%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	20373	16.574	ug/l	96
17) Carbon Disulfide	2.514	76	2312	0.423	ug/l #	92
19) Methyl tert-butyl Ether	3.111	73	184802	23.641	ug/l #	1
25) 2-Butanone	4.574	43	14128	7.874	ug/l	98
30) Chloroform	5.099	83	5815	1.289	ug/l #	63
31) Cyclohexane	5.477	56	141458	35.234	ug/l	98
39) Methylcyclohexane	7.379	83	261273	59.242	ug/l	95
40) Benzene	6.038	78	2506180	241.129	ug/l	99
52) Toluene	8.720	92	358894	54.476	ug/l	98
67) Ethyl Benzene	10.195	91	1277357	98.473	ug/l	99
68) m/p-Xylenes	10.305	106	5654478	1137.614	ug/l	84
69) o-Xylene	10.647	106	2609770	535.443	ug/l	94
73) Isopropylbenzene	10.964	105	80289	6.657	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1340314	131.801	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	4119642	403.184	ug/l	97

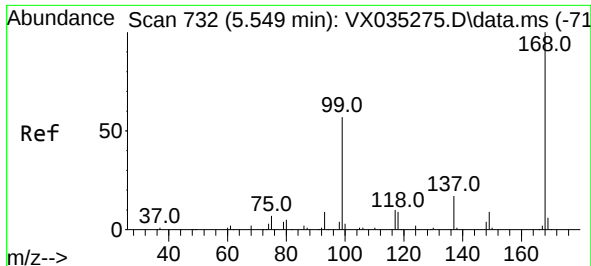
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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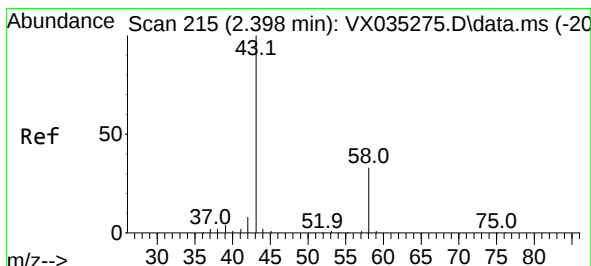
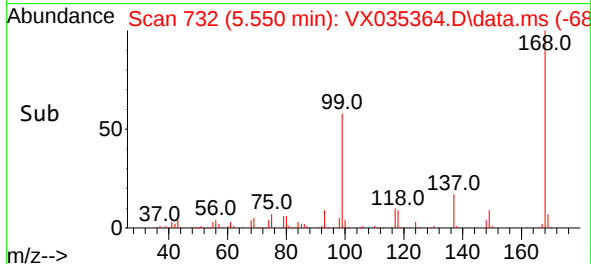
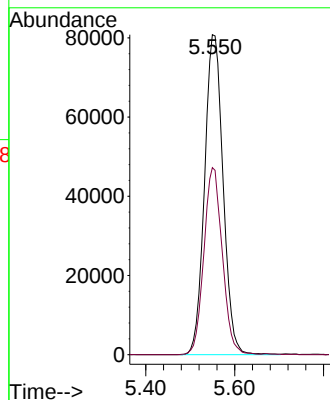
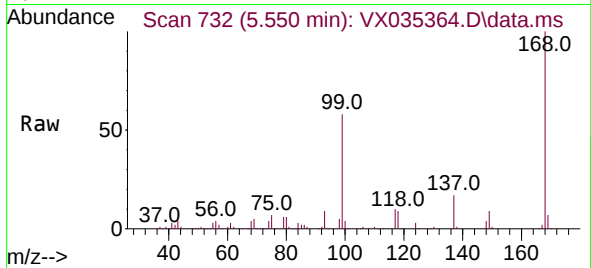




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

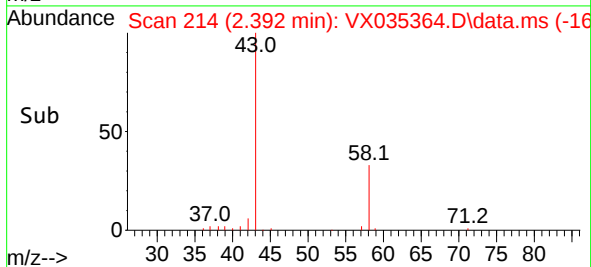
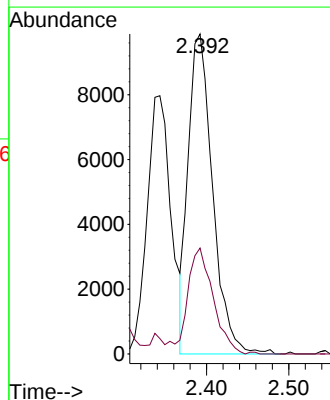
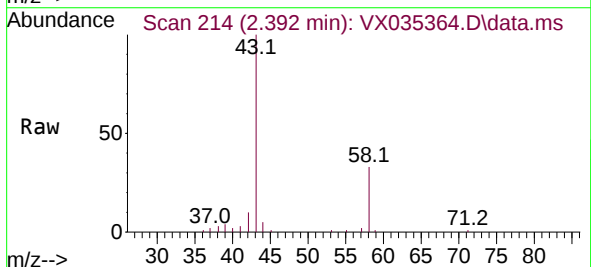
Instrument :
MSVOA_X
ClientSampleId :
MW-6

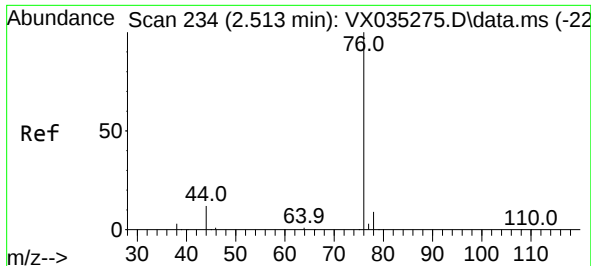
Tgt Ion:168 Resp: 234594
Ion Ratio Lower Upper
168 100
99 58.4 45.7 68.5



#16
Acetone
Concen: 16.574 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

Tgt Ion: 43 Resp: 20373
Ion Ratio Lower Upper
43 100
58 33.1 24.7 37.1





#17

Carbon Disulfide

Concen: 0.423 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035364.D

Acq: 28 Apr 2023 04:36

Instrument :

MSVOA_X

ClientSampleId :

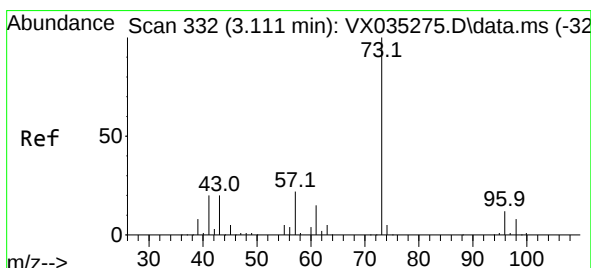
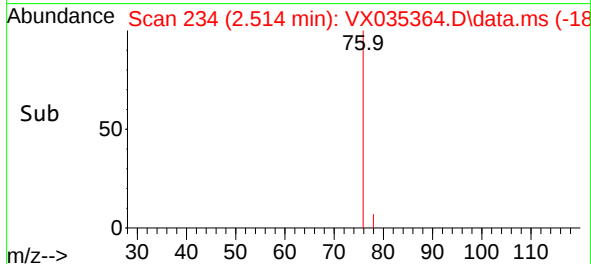
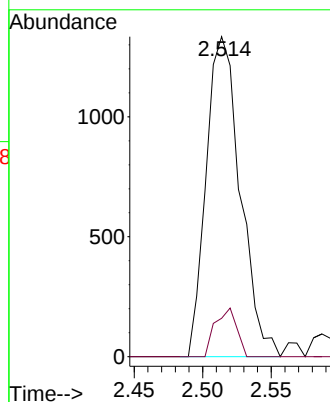
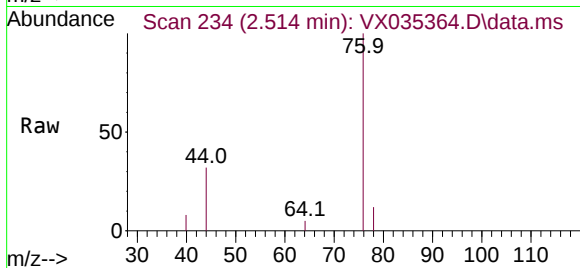
MW-6

Tgt Ion: 76 Resp: 2312

Ion Ratio Lower Upper

76 100

78 12.0 7.2 10.8#



#19

Methyl tert-butyl Ether

Concen: 23.641 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX035364.D

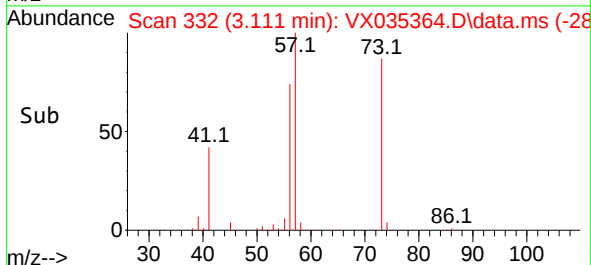
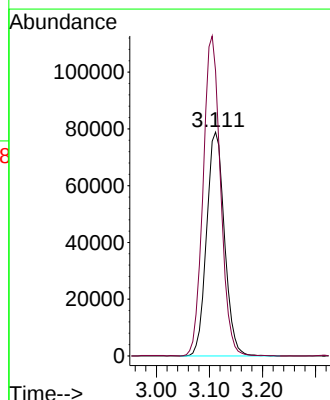
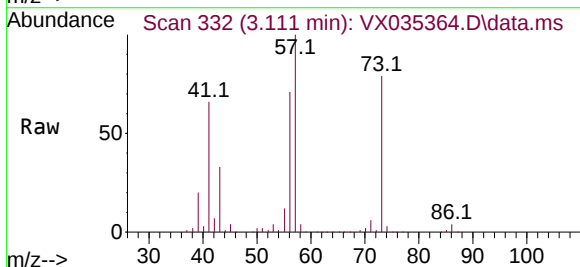
Acq: 28 Apr 2023 04:36

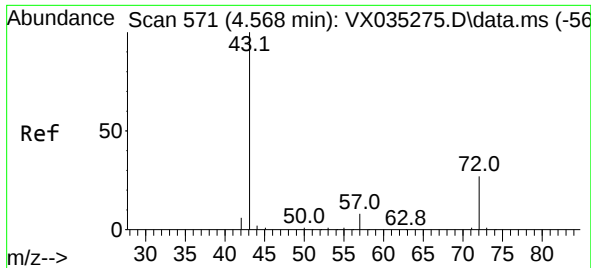
Tgt Ion: 73 Resp: 184802

Ion Ratio Lower Upper

73 100

57 127.3 18.5 27.7#

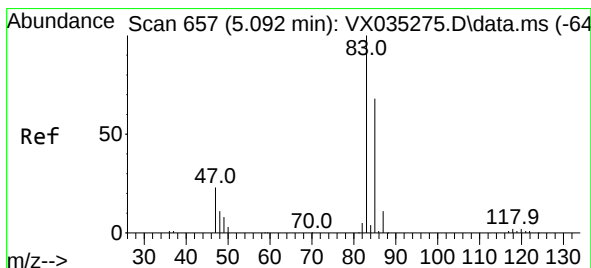
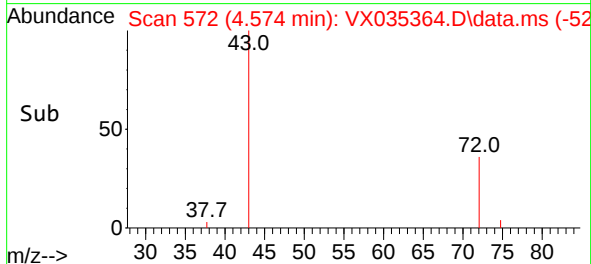
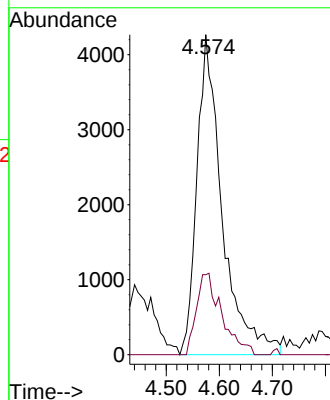
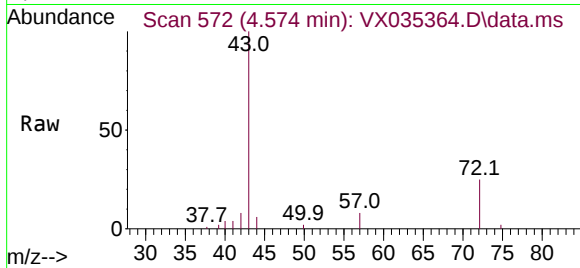




#25
2-Butanone
Concen: 7.874 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

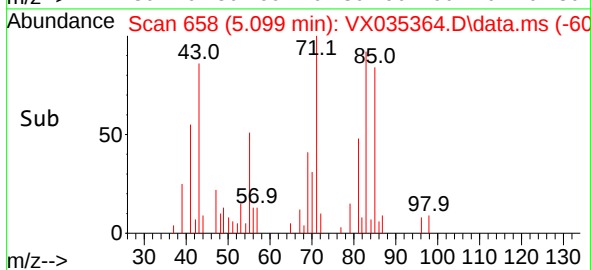
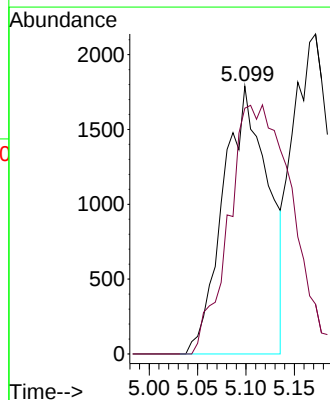
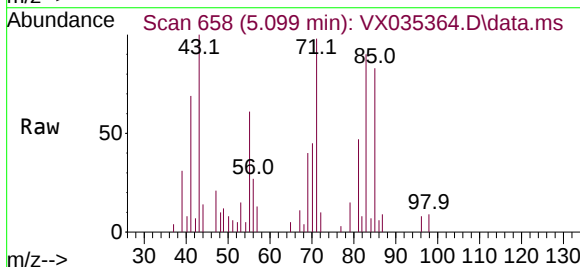
Instrument :
MSVOA_X
ClientSampleId :
MW-6

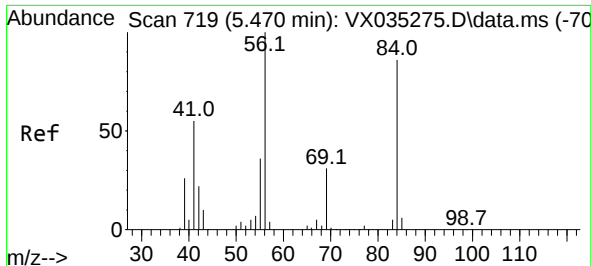
Tgt Ion: 43 Resp: 14128
Ion Ratio Lower Upper
43 100
72 25.0 19.3 28.9



#30
Chloroform
Concen: 1.289 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

Tgt Ion: 83 Resp: 5815
Ion Ratio Lower Upper
83 100
85 91.8 50.6 76.0#

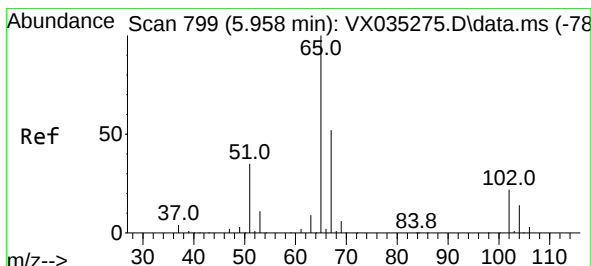
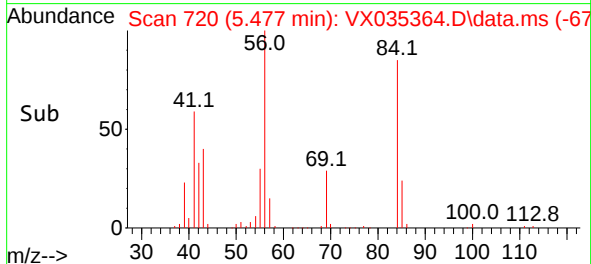
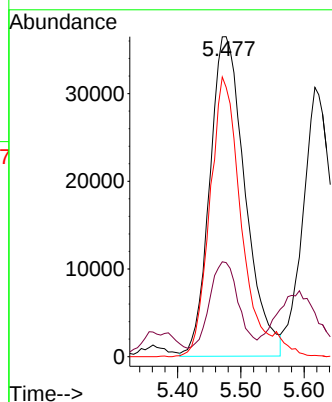
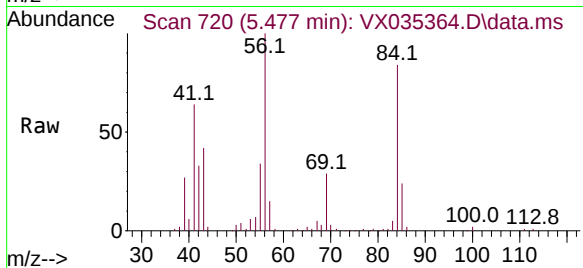




#31
Cyclohexane
Concen: 35.234 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

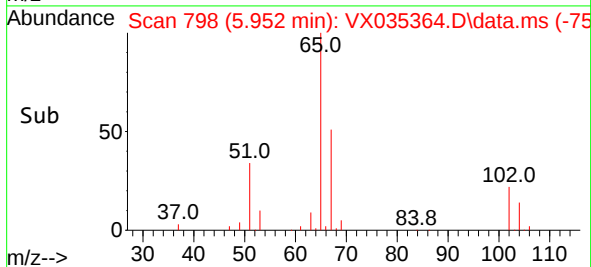
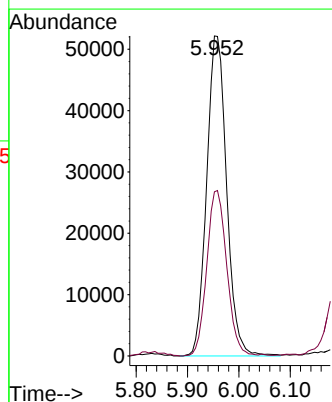
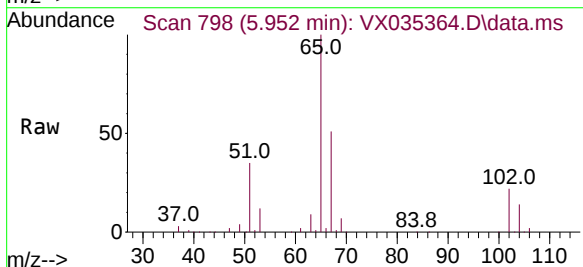
Instrument :
MSVOA_X
ClientSampleId :
MW-6

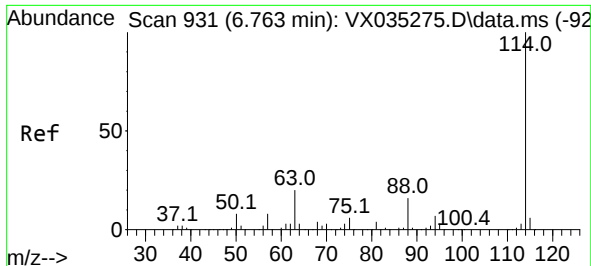
Tgt Ion: 56 Resp: 141458
Ion Ratio Lower Upper
56 100
69 25.7 23.7 35.5
84 84.8 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 49.645 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

Tgt Ion: 65 Resp: 140506
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

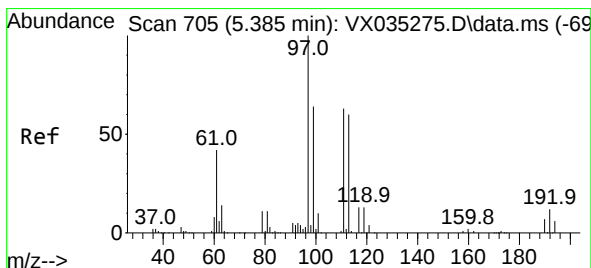
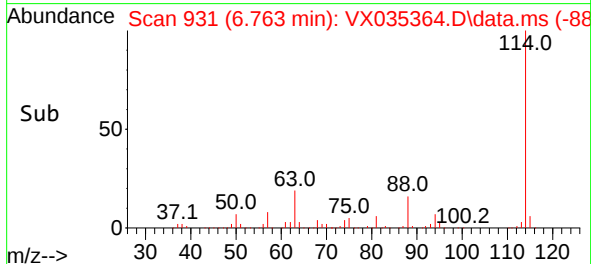
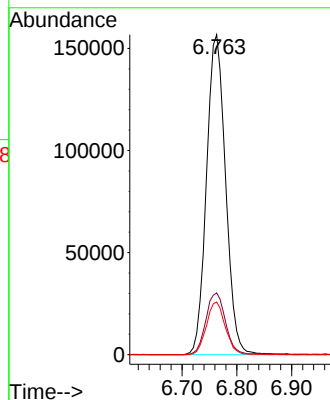
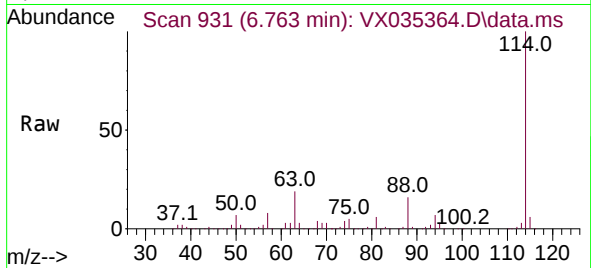




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

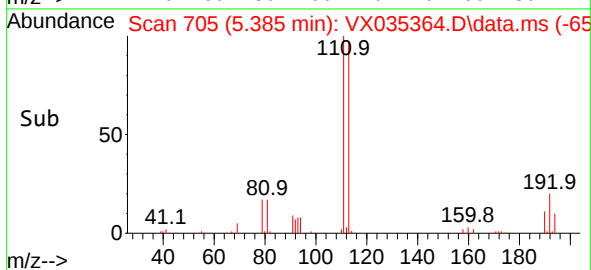
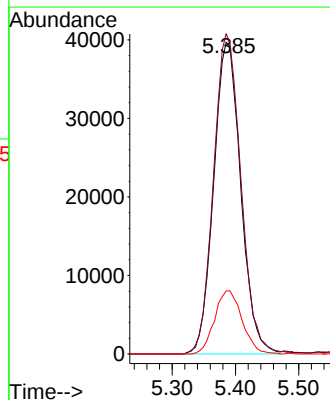
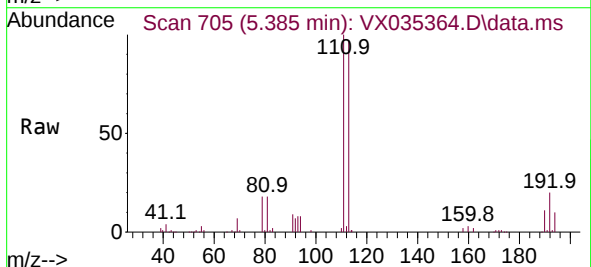
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ClientSampleId :
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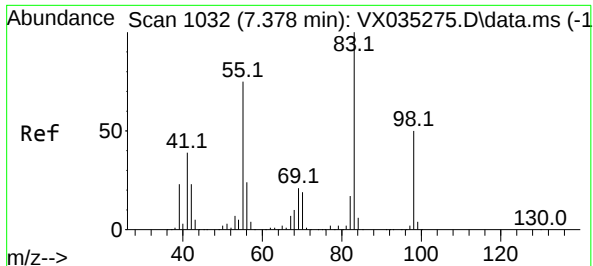
Tgt Ion:114 Resp: 378052
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.827 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

Tgt Ion:113 Resp: 117937
Ion Ratio Lower Upper
113 100
111 103.9 83.7 125.5
192 20.6 15.4 23.2

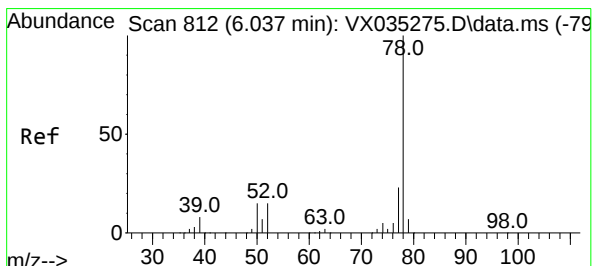
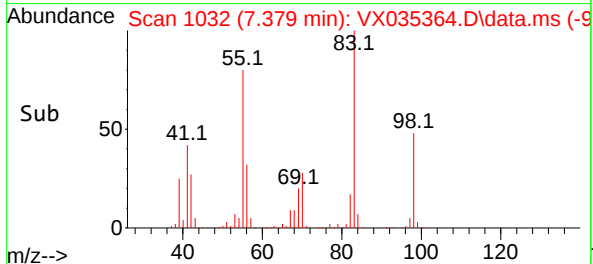
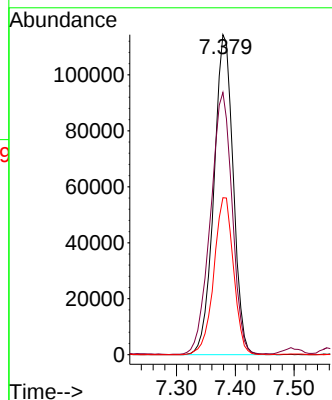
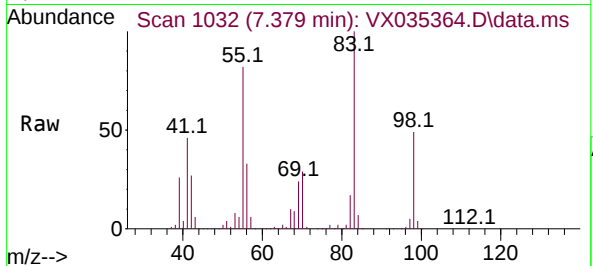




#39
Methylcyclohexane
Concen: 59.242 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

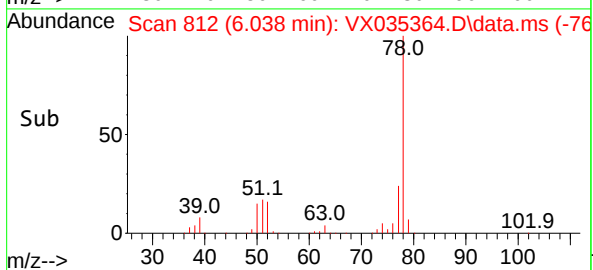
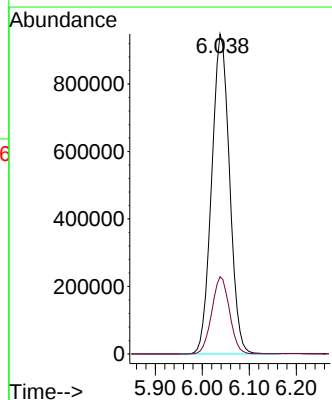
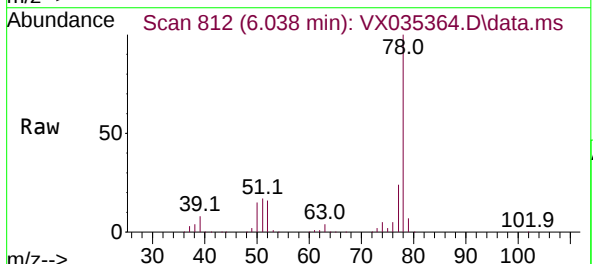
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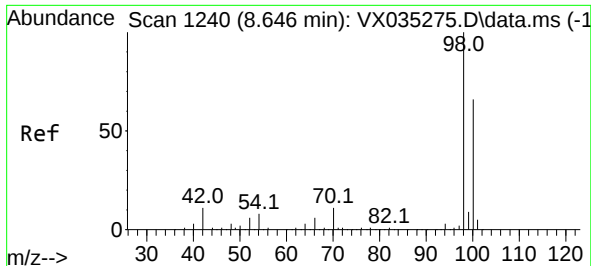
Tgt Ion: 83 Resp: 261273
Ion Ratio Lower Upper
83 100
55 81.8 60.5 90.7
98 49.0 40.4 60.6



#40
Benzene
Concen: 241.129 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

Tgt Ion: 78 Resp: 2506180
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

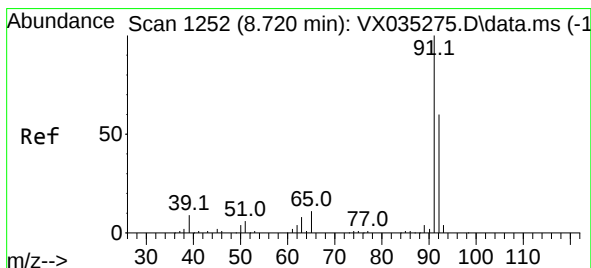
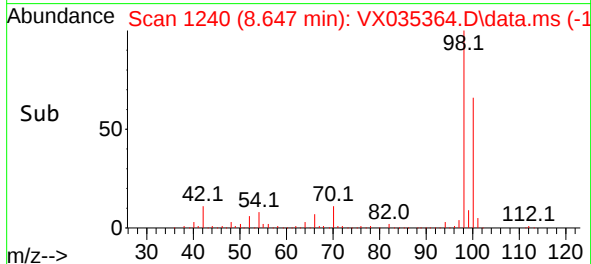
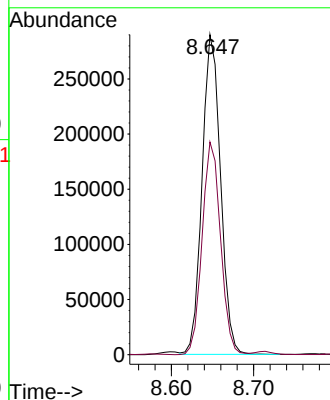
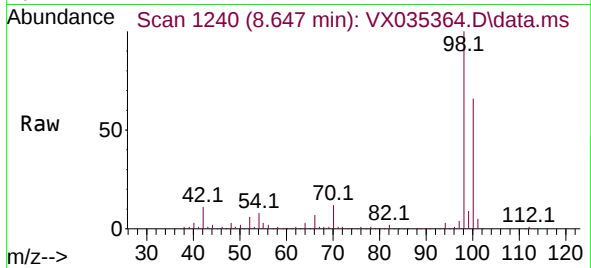




#50
Toluene-d8
Concen: 51.627 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

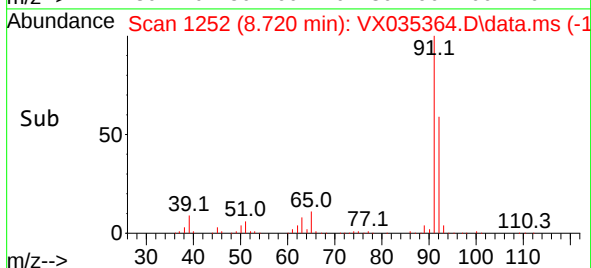
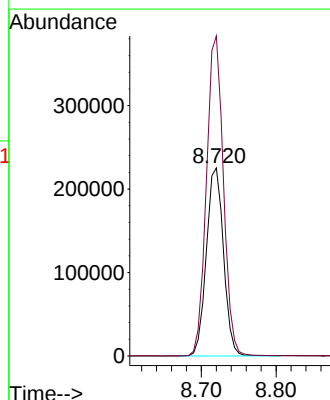
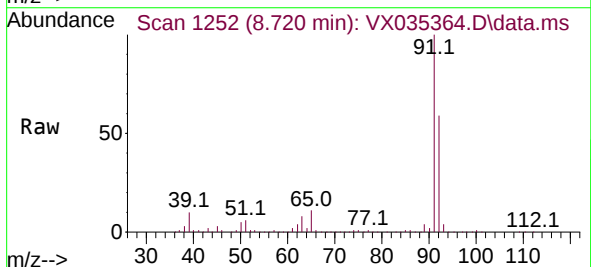
Instrument :
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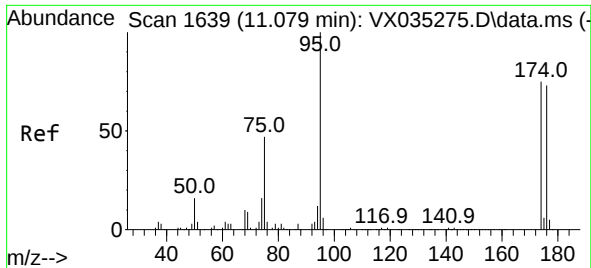
Tgt Ion: 98 Resp: 451905
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#52
Toluene
Concen: 54.476 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

Tgt Ion: 92 Resp: 358894
Ion Ratio Lower Upper
92 100
91 168.4 136.8 205.2

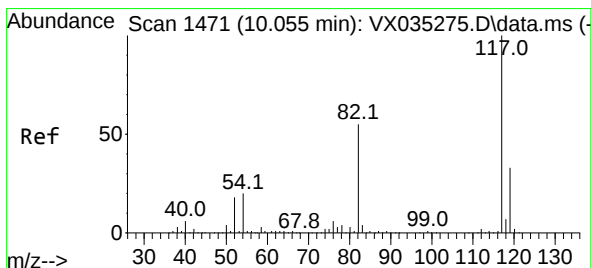
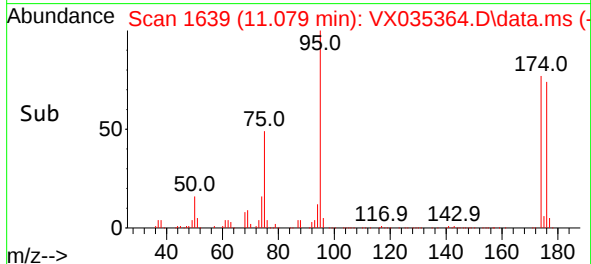
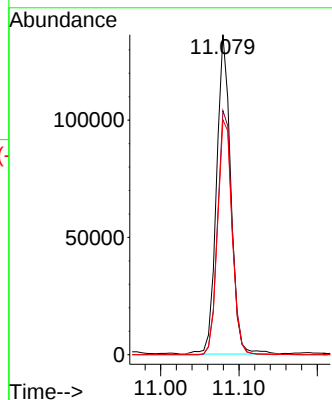
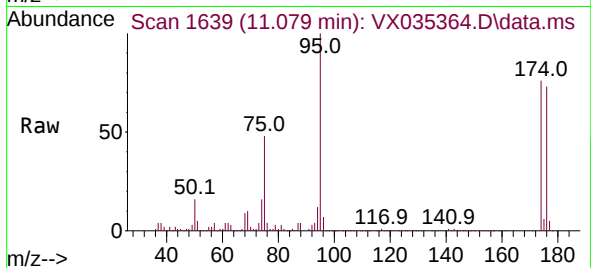




#62
4-Bromofluorobenzene
Concen: 52.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

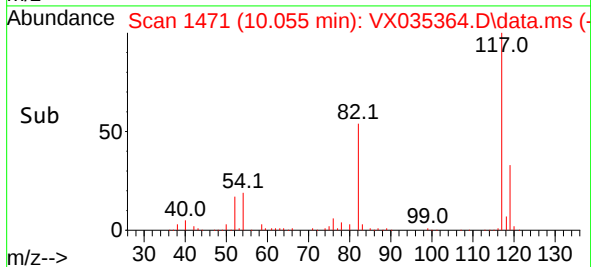
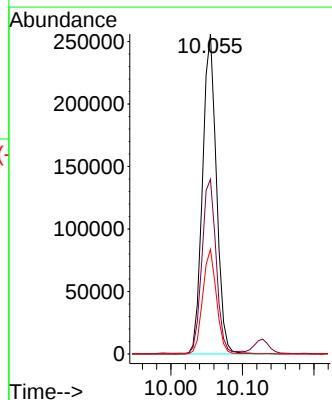
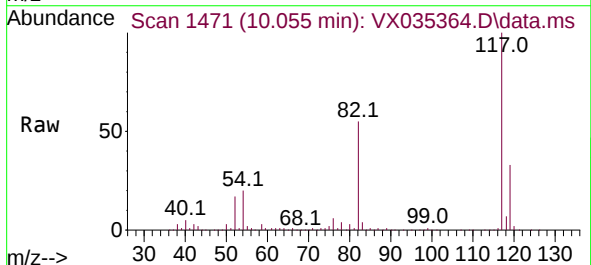
Instrument :
MSVOA_X
ClientSampleId :
MW-6

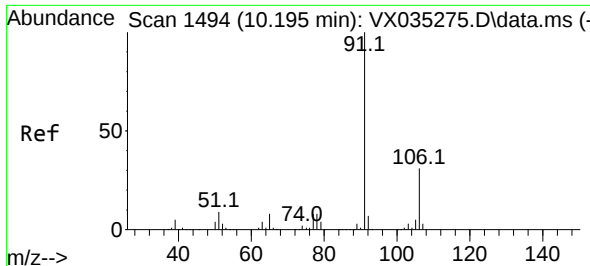
Tgt Ion: 95 Resp: 171564
Ion Ratio Lower Upper
95 100
174 78.1 0.0 147.4
176 75.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

Tgt Ion: 117 Resp: 346210
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.7 26.0 39.0

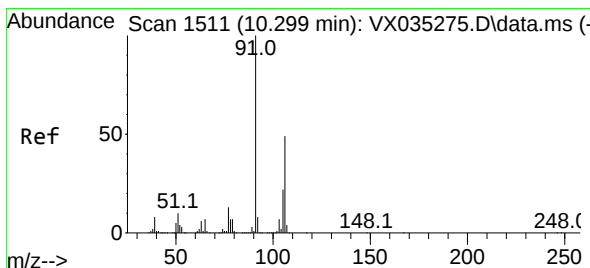
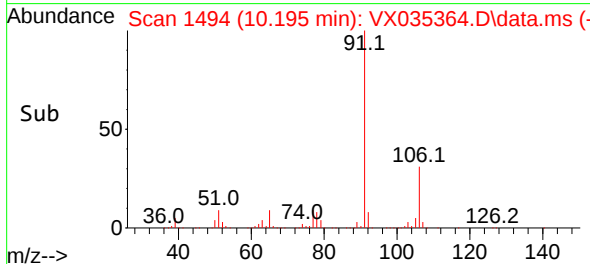
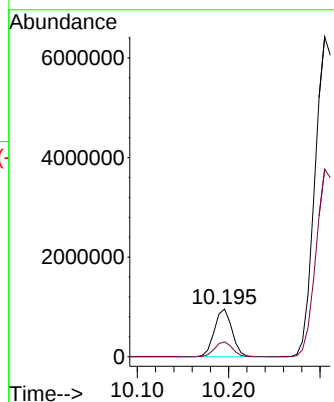
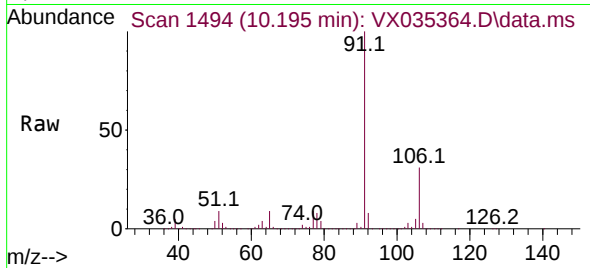




#67
Ethyl Benzene
Concen: 98.473 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

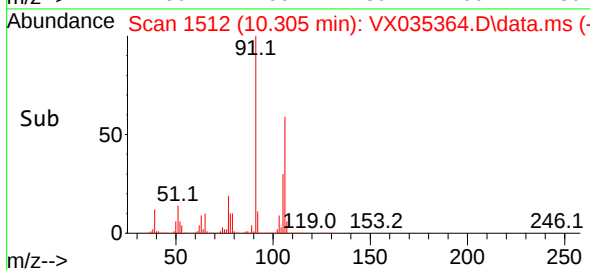
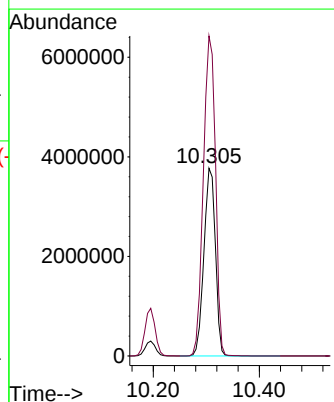
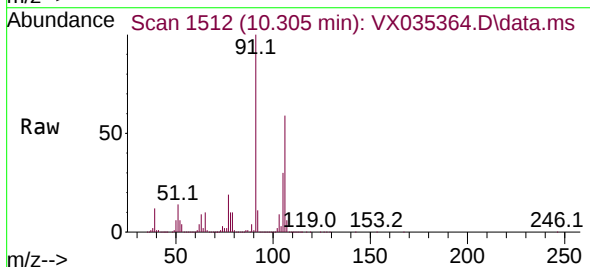
Instrument :
MSVOA_X
ClientSampleId :
MW-6

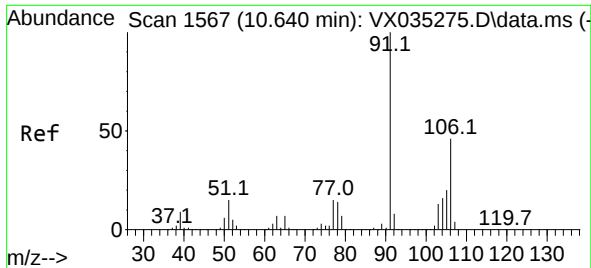
Tgt Ion: 91 Resp: 1277357
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 1137.614 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

Tgt Ion: 106 Resp: 5654478
Ion Ratio Lower Upper
106 100
91 180.3 164.0 246.0

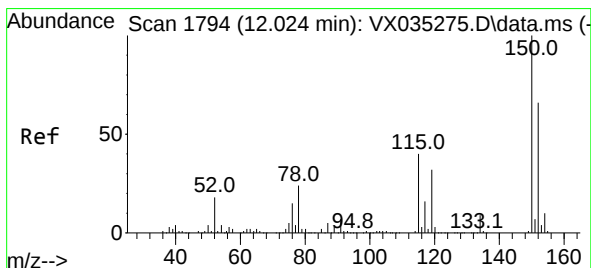
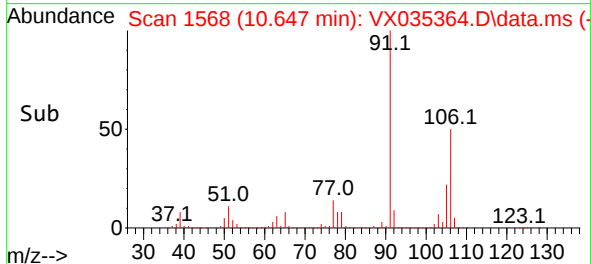
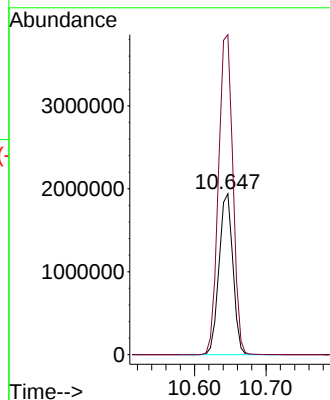
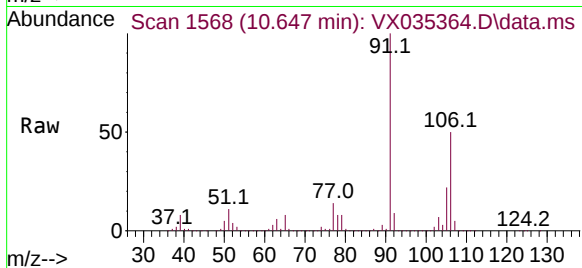




#69
o-Xylene
Concen: 535.443 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.007 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

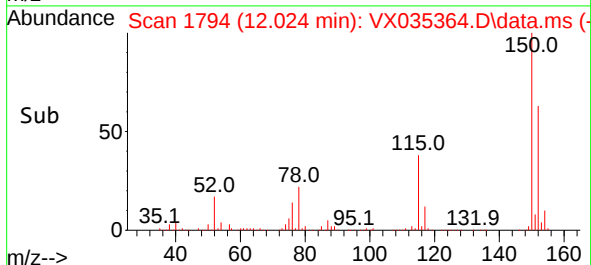
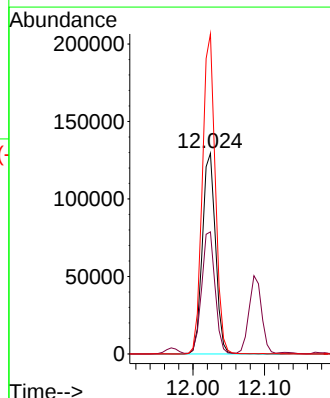
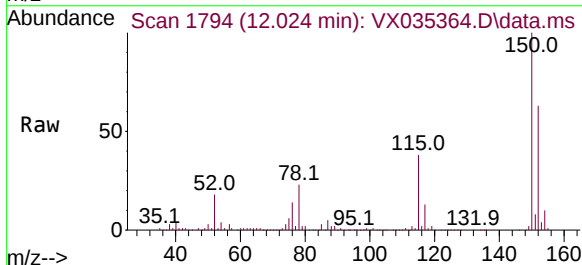
Instrument :
MSVOA_X
ClientSampleId :
MW-6

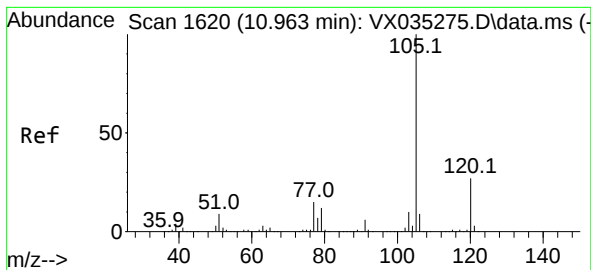
Tgt Ion:106 Resp: 2609770
Ion Ratio Lower Upper
106 100
91 206.9 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035364.D
Acq: 28 Apr 2023 04:36

Tgt Ion:152 Resp: 164987
Ion Ratio Lower Upper
152 100
115 61.2 45.0 135.0
150 156.7 0.0 352.4





#73

Isopropylbenzene

Concen: 6.657 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035364.D

Acq: 28 Apr 2023 04:36

Instrument :

MSVOA_X

ClientSampleId :

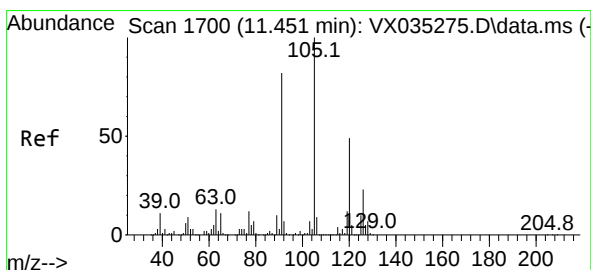
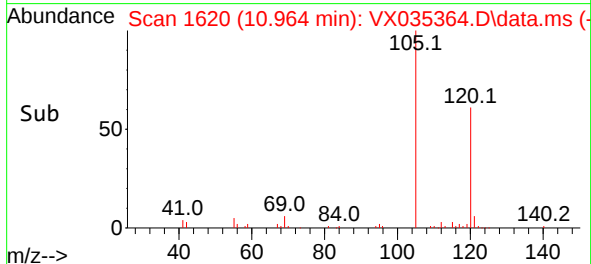
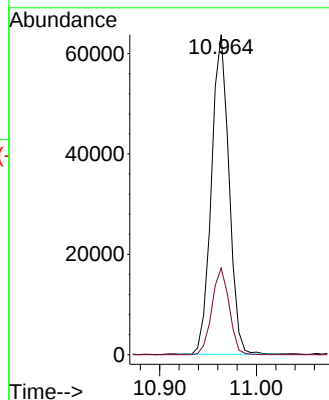
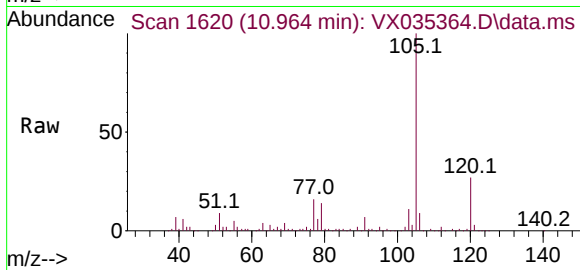
MW-6

Tgt Ion:105 Resp: 80289

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#80

1,3,5-Trimethylbenzene

Concen: 131.801 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035364.D

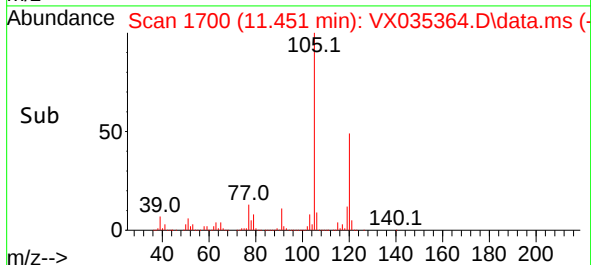
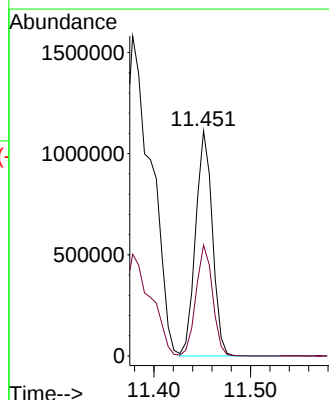
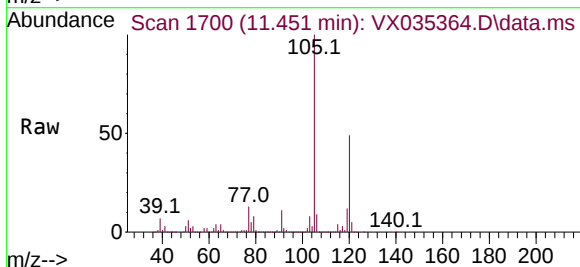
Acq: 28 Apr 2023 04:36

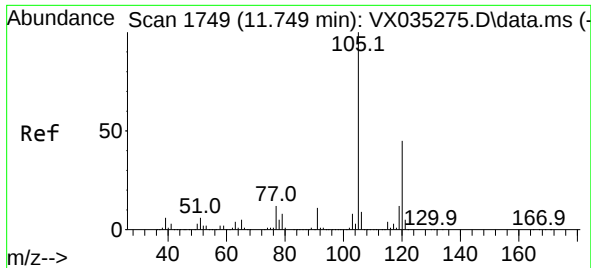
Tgt Ion:105 Resp: 1340314

Ion Ratio Lower Upper

105 100

120 48.7 23.7 71.1





#84
 1,2,4-Trimethylbenzene
 Concen: 403.184 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX035364.D
 Acq: 28 Apr 2023 04:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tgt Ion:105 Resp: 4119642
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.4 67.0

