

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035443.D
 Acq On : 01 May 2023 16:18
 Operator : JC/MD
 Sample : 02522-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: May 02 00:01:56 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)

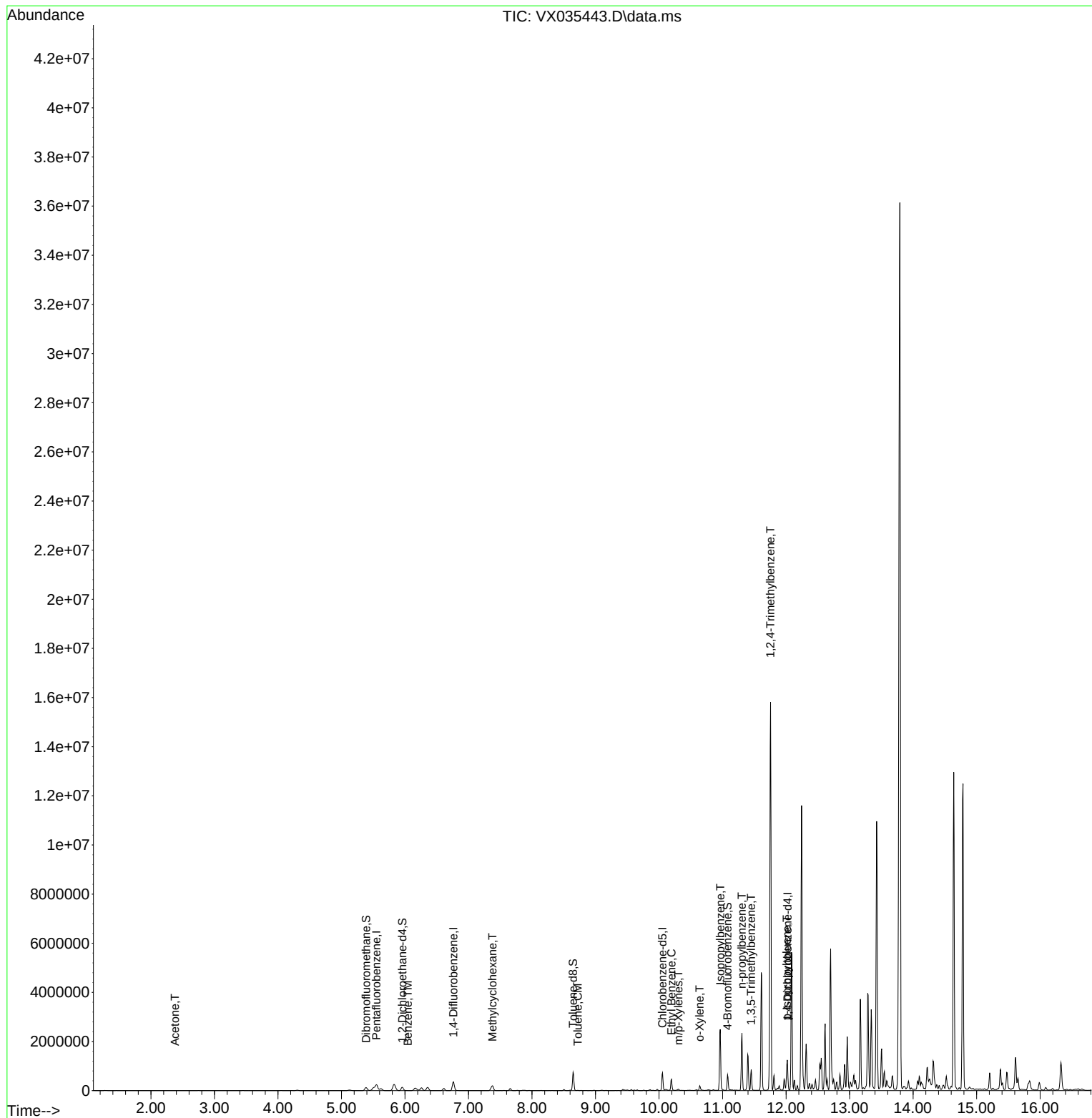
Internal Standards						
1) Pentafluorobenzene	5.550	168	231858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133800	47.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.660%
35) Dibromofluoromethane	5.385	113	113233	48.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	8.647	98	444887	50.911	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.820%
62) 4-Bromofluorobenzene	11.079	95	172806	52.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.140%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2905	2.391	ug/l	95
39) Methylcyclohexane	7.379	83	88481	20.096	ug/l	93
40) Benzene	6.043	78	3381	0.326	ug/l	95
52) Toluene	8.720	92	4235	0.644	ug/l	96
67) Ethyl Benzene	10.195	91	263527	20.636	ug/l	99
68) m/p-Xylenes	10.305	106	9285	1.897	ug/l	97
69) o-Xylene	10.640	106	38509	8.025	ug/l	95
73) Isopropylbenzene	10.963	105	1334736	115.887	ug/l	99
78) n-propylbenzene	11.305	91	1387813	104.917	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	335578	34.555	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	6570608	673.365	ug/l	93
86) p-Isopropyltoluene	12.012	119	234192	23.038	ug/l	87

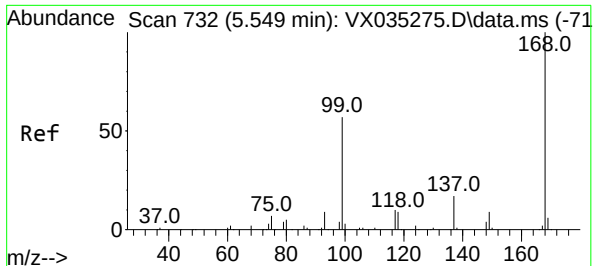
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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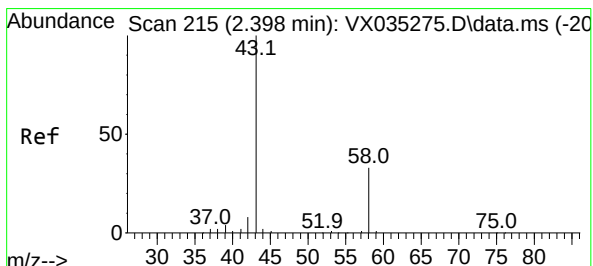
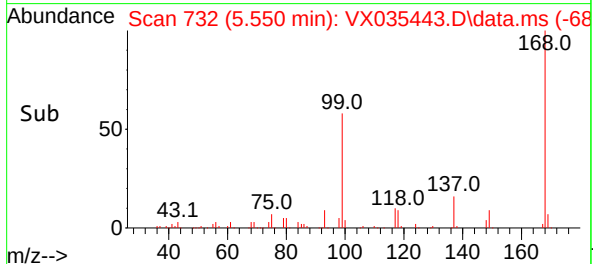
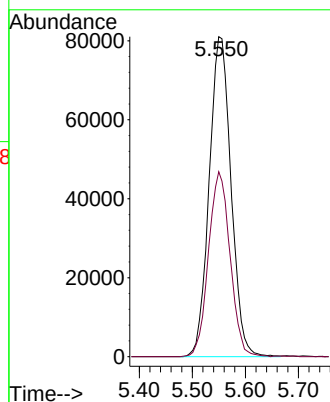
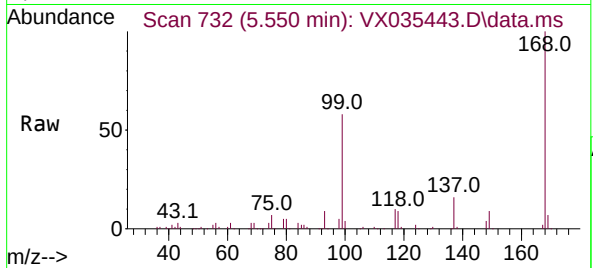




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

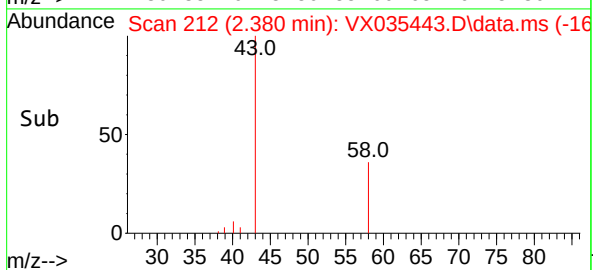
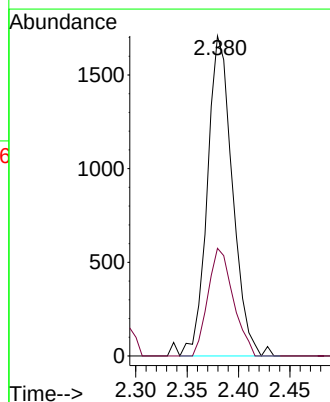
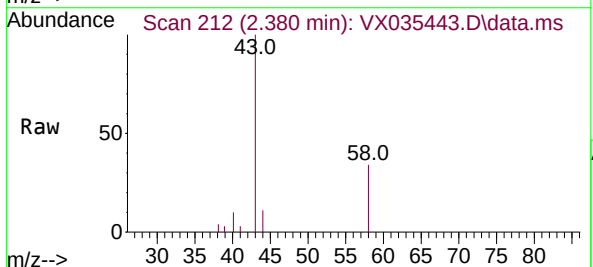
Instrument :
MSVOA_X
ClientSampleId :
MW-14

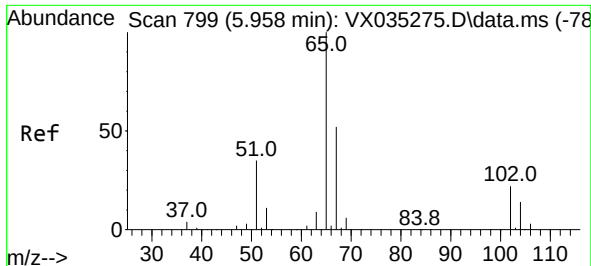
Tgt Ion:168 Resp: 231858
Ion Ratio Lower Upper
168 100
99 57.8 45.7 68.5



#16
Acetone
Concen: 2.391 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

Tgt Ion: 43 Resp: 2905
Ion Ratio Lower Upper
43 100
58 33.7 24.7 37.1

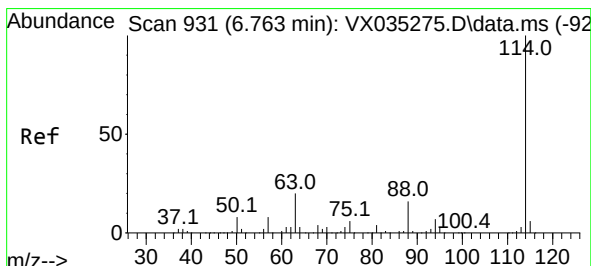
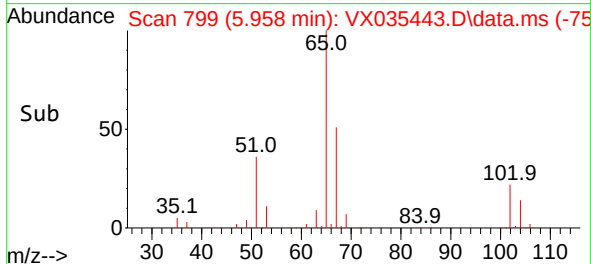
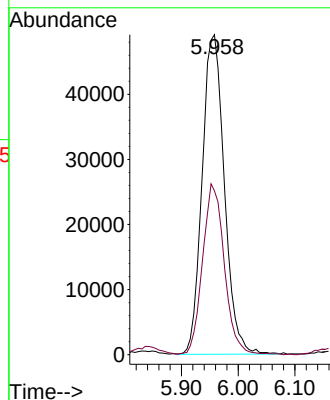
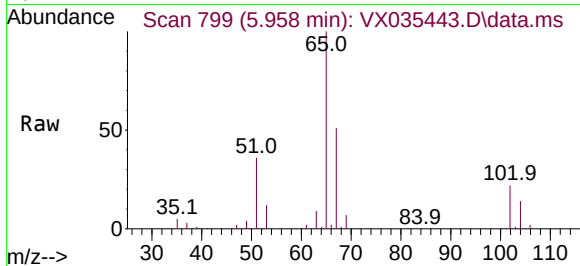




#33
1,2-Dichloroethane-d4
Concen: 47.833 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

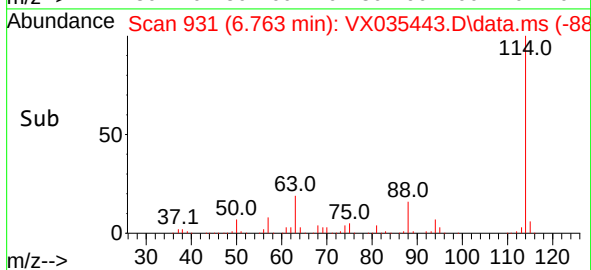
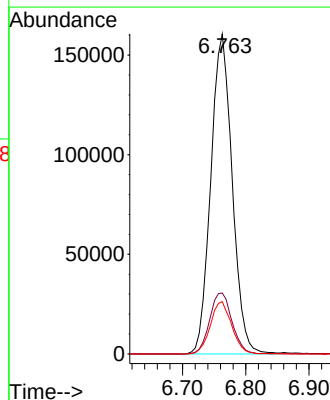
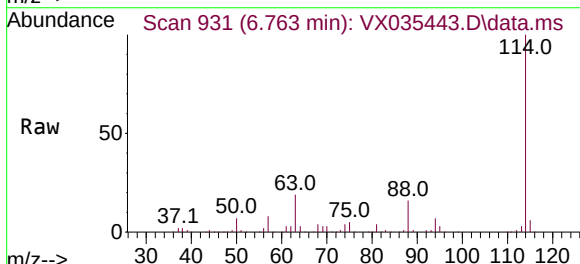
Instrument :
MSVOA_X
ClientSampleId :
MW-14

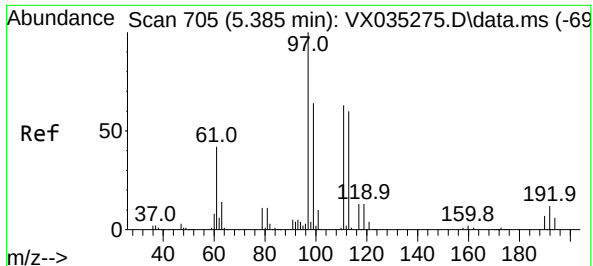
Tgt Ion: 65 Resp: 133800
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

Tgt Ion: 114 Resp: 377415
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.2
88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.882 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035443.D

Acq: 01 May 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

MW-14

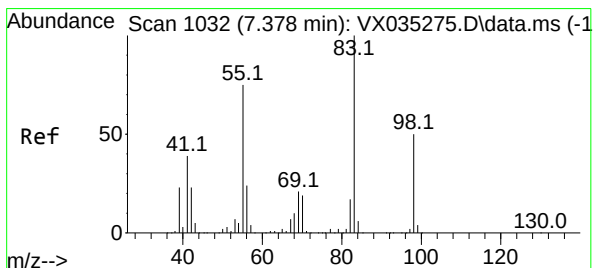
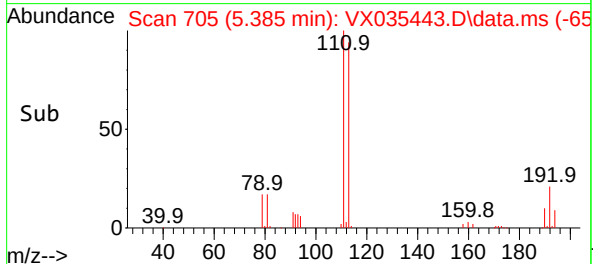
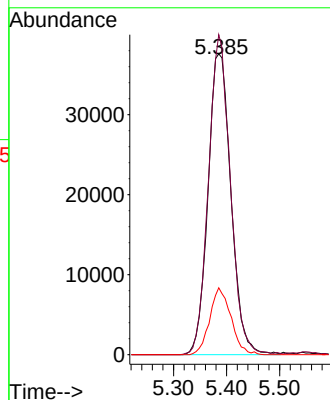
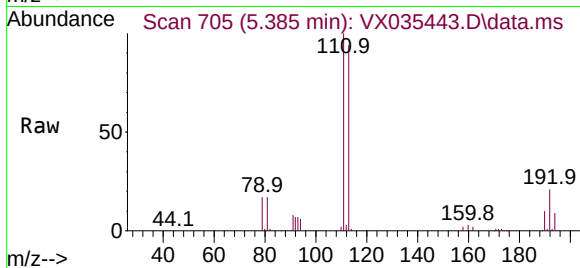
Tgt Ion:113 Resp: 113233

Ion Ratio Lower Upper

113 100

111 101.3 83.7 125.5

192 20.6 15.4 23.2



#39

Methylcyclohexane

Concen: 20.096 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035443.D

Acq: 01 May 2023 16:18

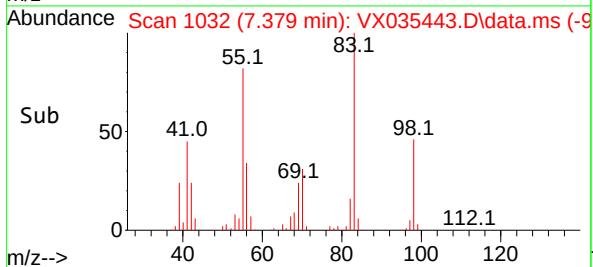
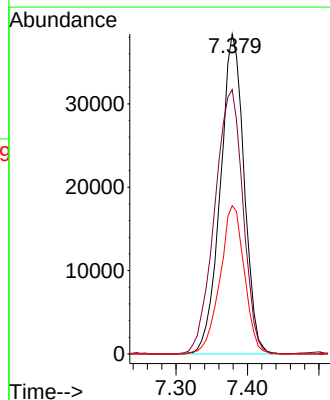
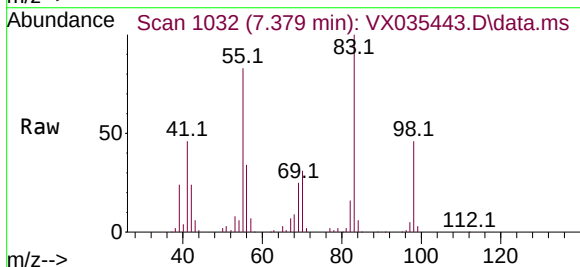
Tgt Ion: 83 Resp: 88481

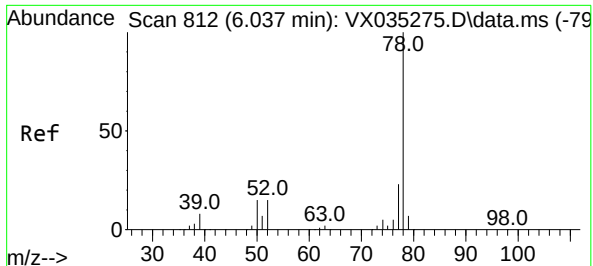
Ion Ratio Lower Upper

83 100

55 82.6 60.5 90.7

98 46.3 40.4 60.6

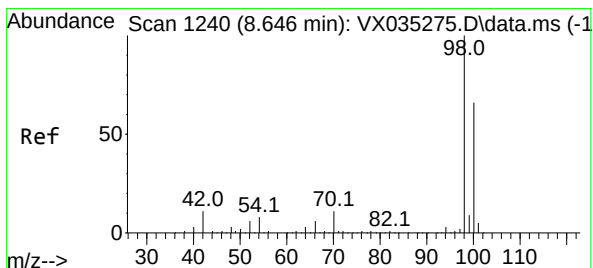
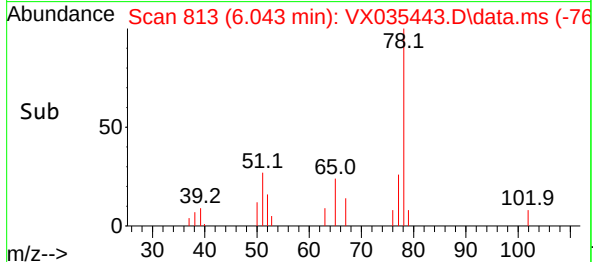
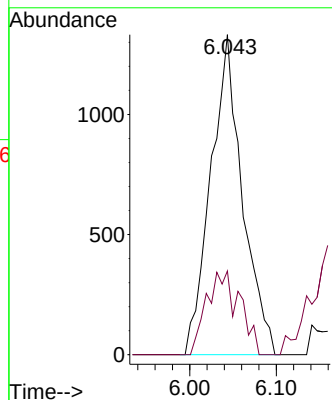
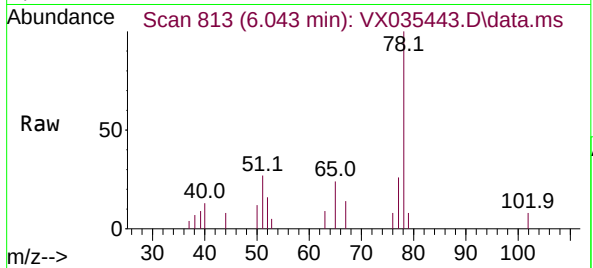




#40
Benzene
Concen: 0.326 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

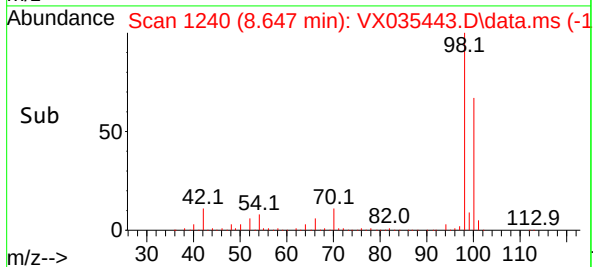
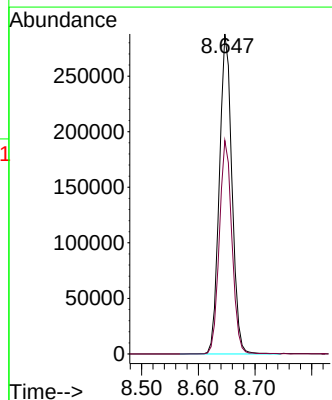
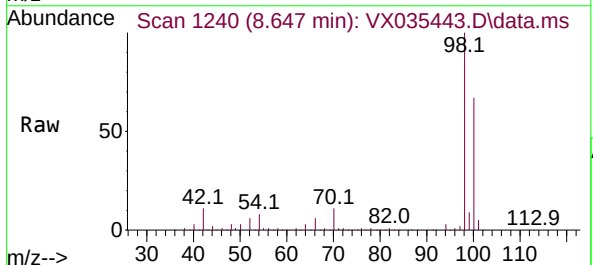
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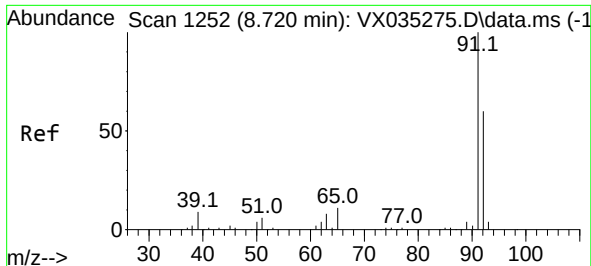
Tgt Ion: 78 Resp: 3381
Ion Ratio Lower Upper
78 100
77 26.1 19.0 28.4



#50
Toluene-d8
Concen: 50.911 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

Tgt Ion: 98 Resp: 444887
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7

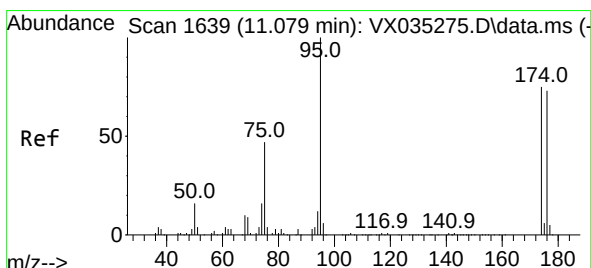
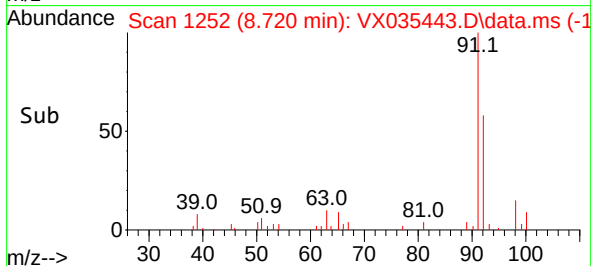
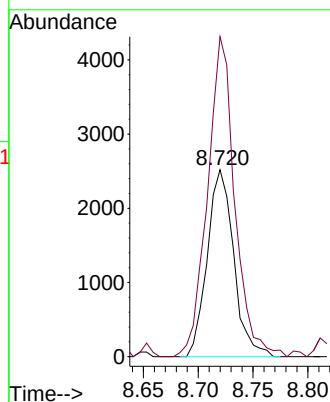
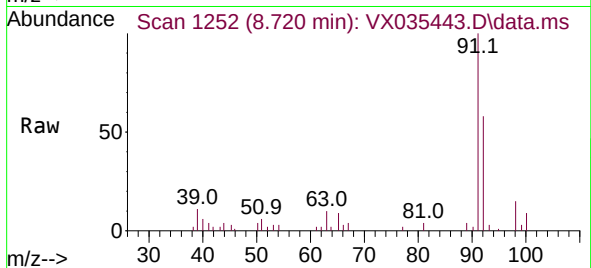




#52
Toluene
Concen: 0.644 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

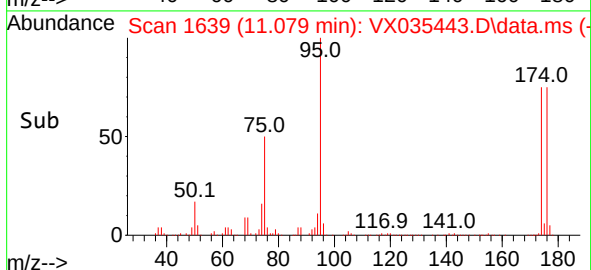
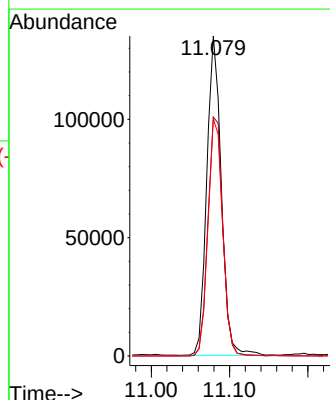
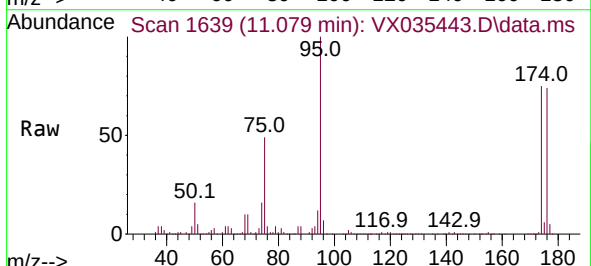
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ClientSampleId :
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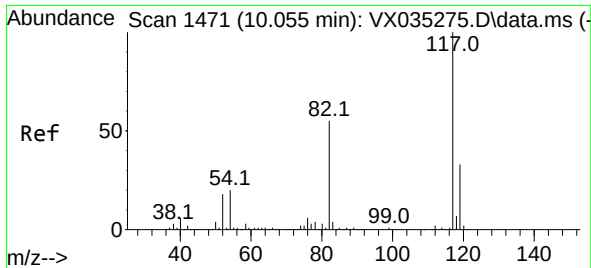
Tgt Ion: 92 Resp: 4235
Ion Ratio Lower Upper
92 100
91 176.4 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 52.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

Tgt Ion: 95 Resp: 172806
Ion Ratio Lower Upper
95 100
174 77.0 0.0 147.4
176 74.9 0.0 140.6

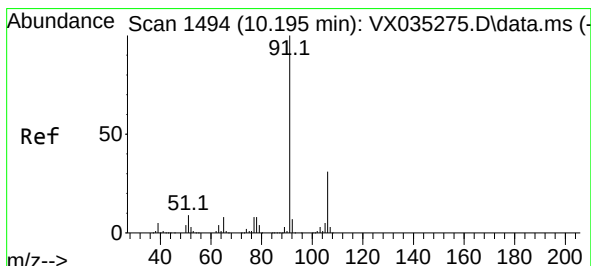
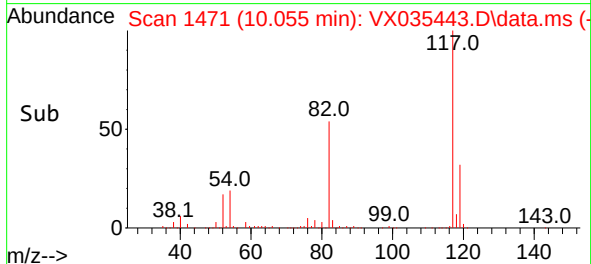
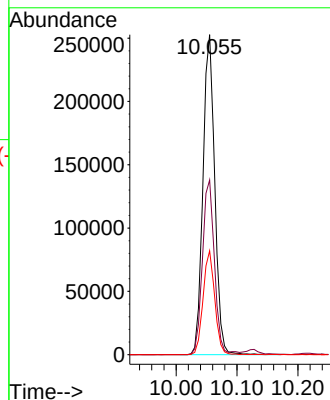
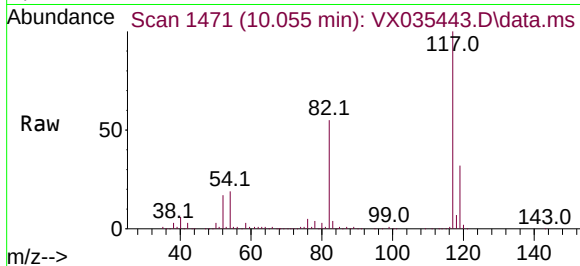




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

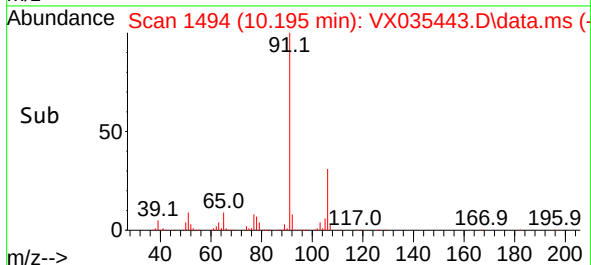
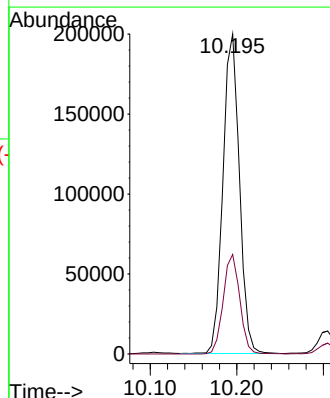
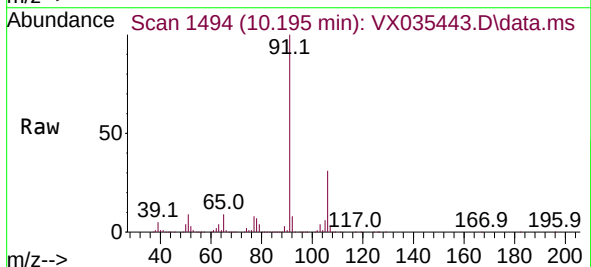
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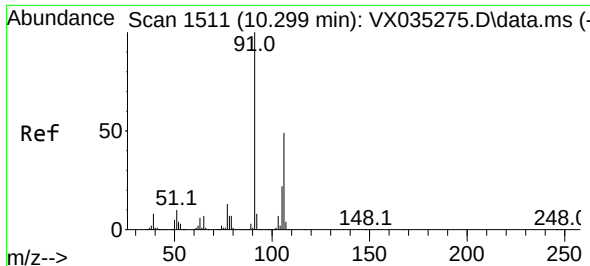
Tgt Ion:117 Resp: 340836
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.4 26.0 39.0



#67
Ethyl Benzene
Concen: 20.636 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

Tgt Ion: 91 Resp: 263527
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

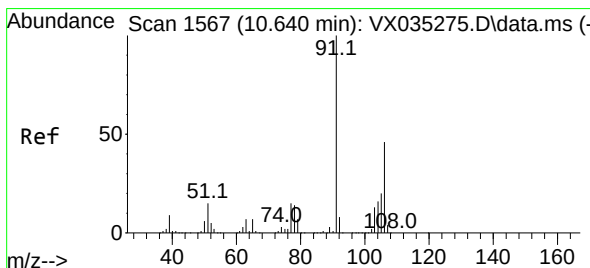
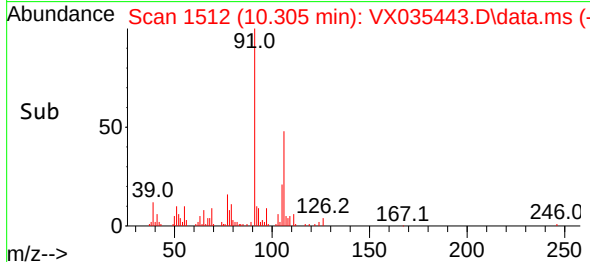
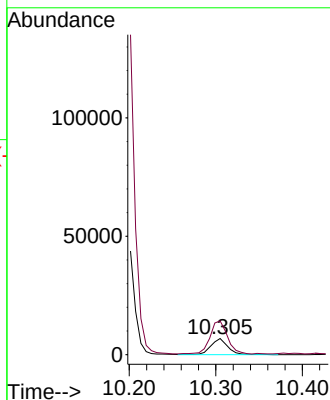
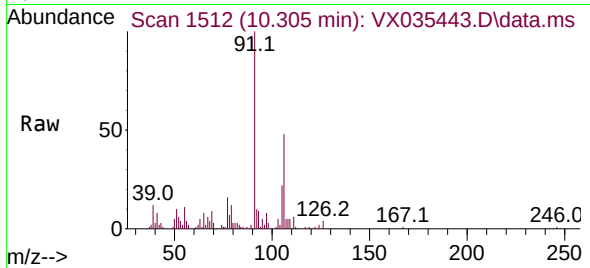




#68
m/p-Xylenes
Concen: 1.897 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

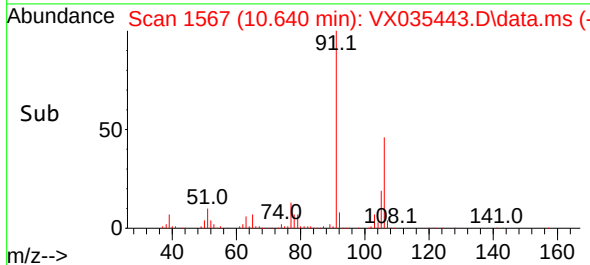
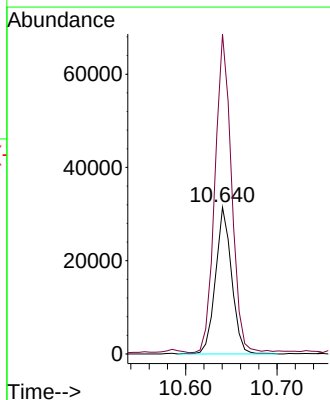
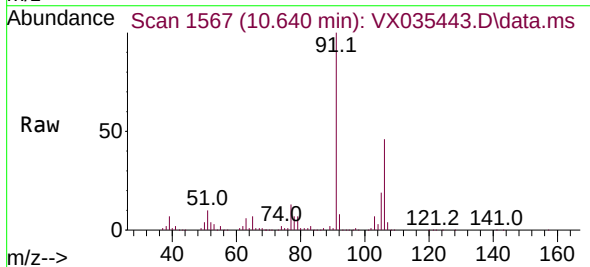
Instrument :
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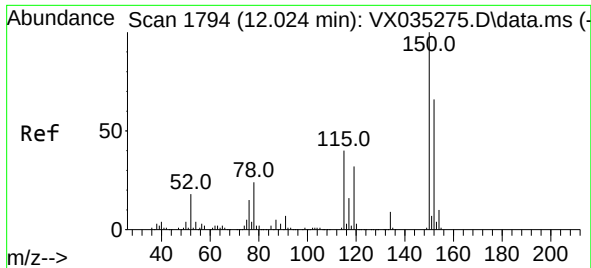
Tgt Ion:106 Resp: 9285
Ion Ratio Lower Upper
106 100
91 209.8 164.0 246.0



#69
o-Xylene
Concen: 8.025 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

Tgt Ion:106 Resp: 38509
Ion Ratio Lower Upper
106 100
91 224.9 108.5 325.3

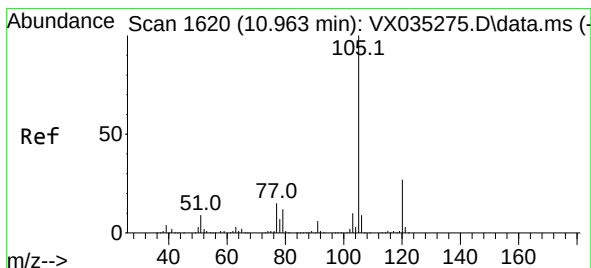
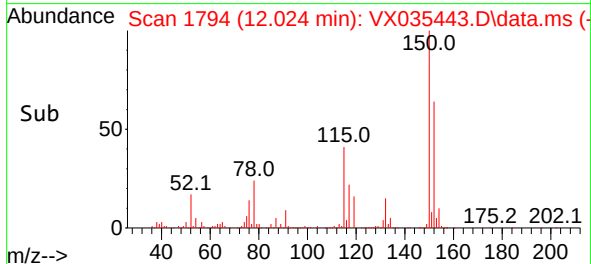
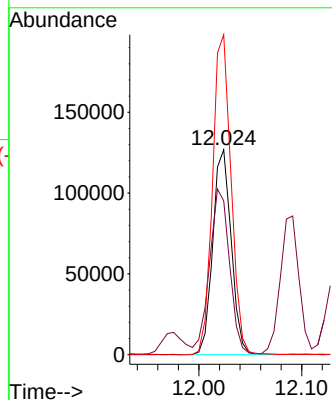
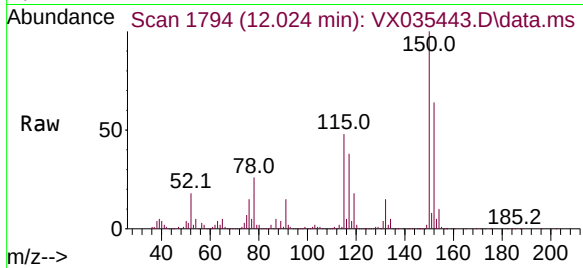




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

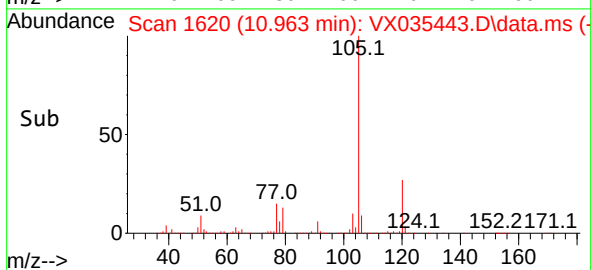
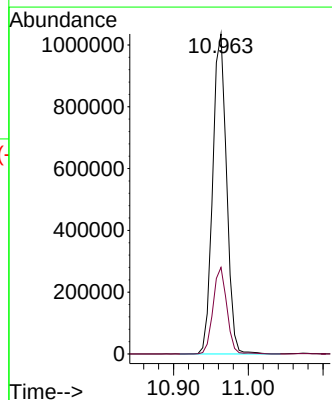
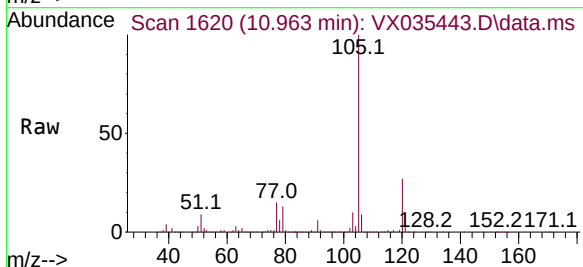
Instrument :
MSVOA_X
ClientSampleId :
MW-14

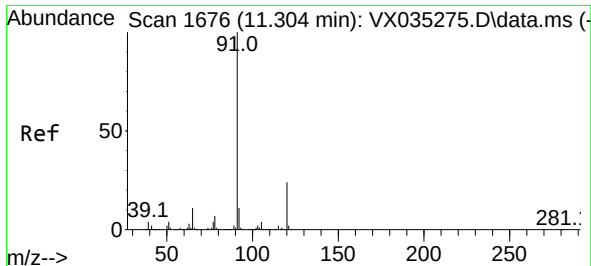
Tgt Ion:152 Resp: 157561
Ion Ratio Lower Upper
152 100
115 86.7 45.0 135.0
150 156.5 0.0 352.4



#73
Isopropylbenzene
Concen: 115.887 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

Tgt Ion:105 Resp: 1334736
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9

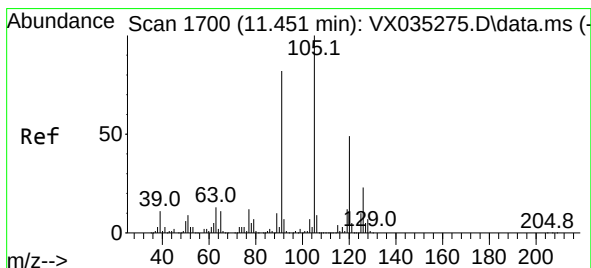
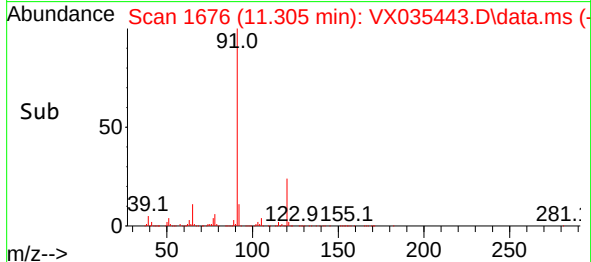
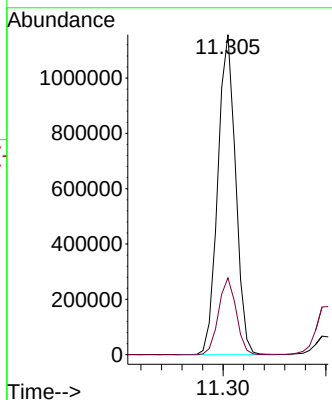
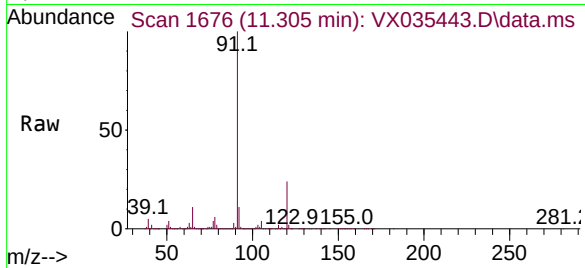




#78
n-propylbenzene
Concen: 104.917 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

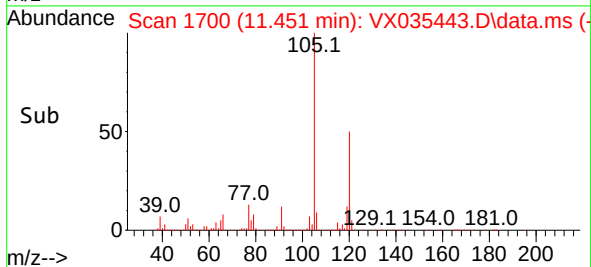
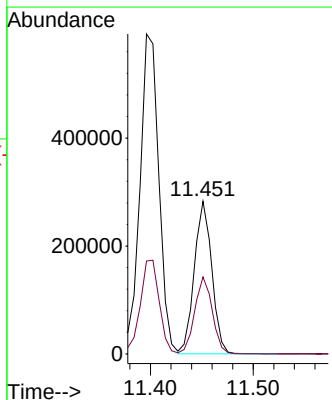
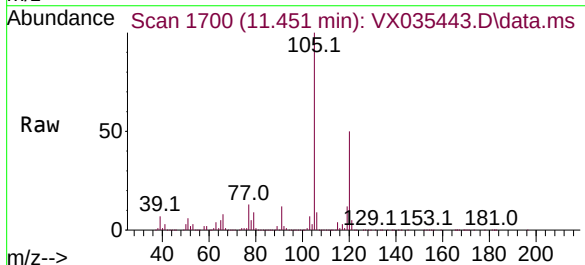
Instrument :
MSVOA_X
ClientSampleId :
MW-14

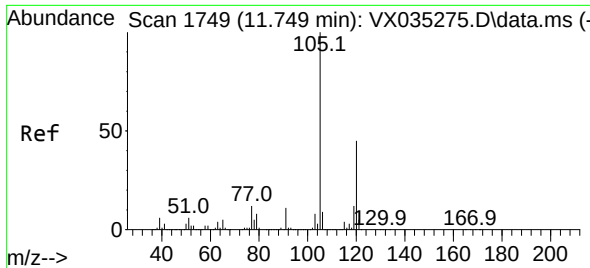
Tgt Ion: 91 Resp: 1387813
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 34.555 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035443.D
Acq: 01 May 2023 16:18

Tgt Ion: 105 Resp: 335578
Ion Ratio Lower Upper
105 100
120 50.7 23.7 71.1

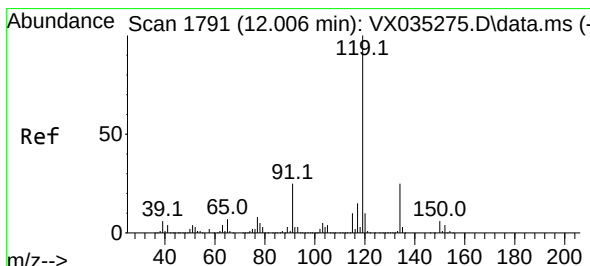
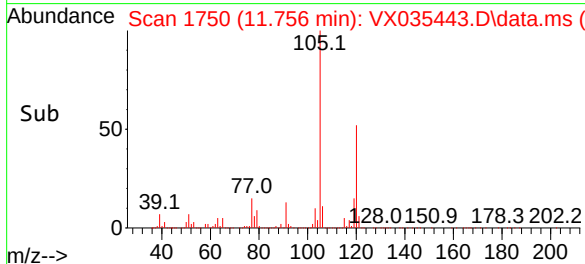
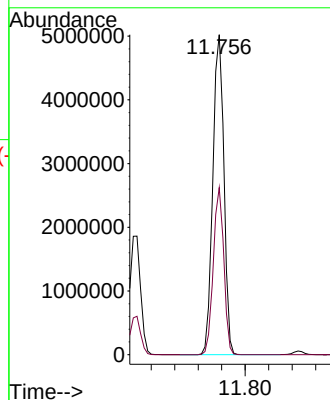
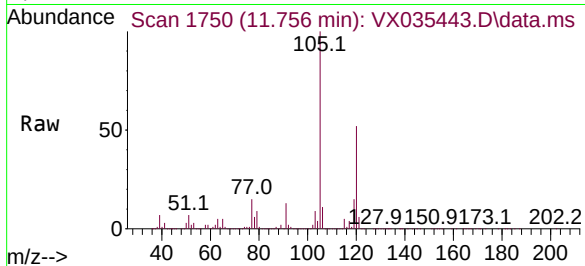




#84
 1,2,4-Trimethylbenzene
 Concen: 673.365 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.007 min
 Lab File: VX035443.D
 Acq: 01 May 2023 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Tgt Ion:105 Resp: 6570608
 Ion Ratio Lower Upper
 105 100
 120 49.5 22.4 67.0



#86
 p-Isopropyltoluene
 Concen: 23.038 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035443.D
 Acq: 01 May 2023 16:18

Tgt Ion:119 Resp: 234192
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.2 39.5
 91 38.3 12.9 38.7

