

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032679.D
 Acq On : 09 Nov 2022 15:08
 Operator : JC/MD
 Sample : N5551-01 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14S

Quant Time: Nov 10 03:04:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

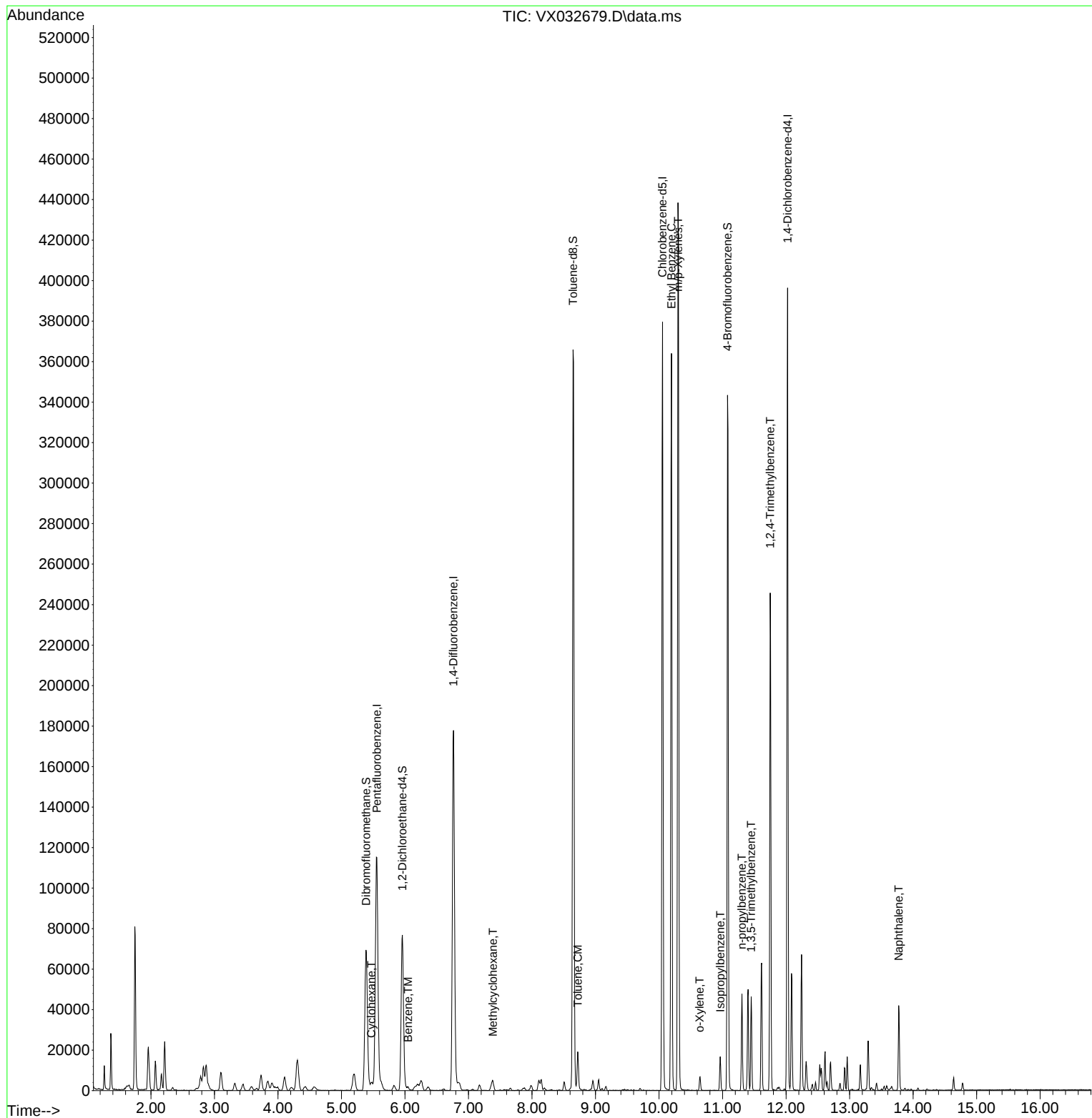
Internal Standards						
1) Pentafluorobenzene	5.556	168	108941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76667	50.648	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.300%
35) Dibromofluoromethane	5.385	113	59138	46.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.120%
50) Toluene-d8	8.647	98	219851	49.249	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.500%
62) 4-Bromofluorobenzene	11.079	95	84892	48.683	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.360%
Target Compounds						
						Qvalue
31) Cyclohexane	5.470	56	2686	1.463	ug/l	# 84
39) Methylcyclohexane	7.385	83	2160	1.021	ug/l	# 93
40) Benzene	6.050	78	1803	0.356	ug/l	91
52) Toluene	8.720	92	7377	2.235	ug/l	93
67) Ethyl Benzene	10.195	91	202248	31.447	ug/l	99
68) m/p-Xylenes	10.299	106	101522	40.652	ug/l	100
69) o-Xylene	10.640	106	1600	0.659	ug/l	92
73) Isopropylbenzene	10.963	105	8389	1.365	ug/l	99
78) n-propylbenzene	11.305	91	27890	3.938	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	19564	3.724	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	106985	20.477	ug/l	100
95) Naphthalene	13.774	128	26677	4.381	ug/l	100

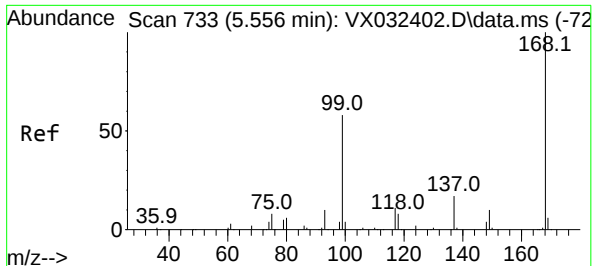
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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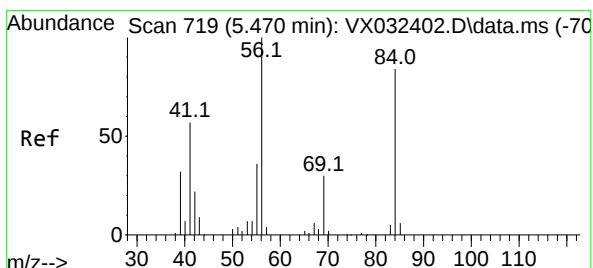
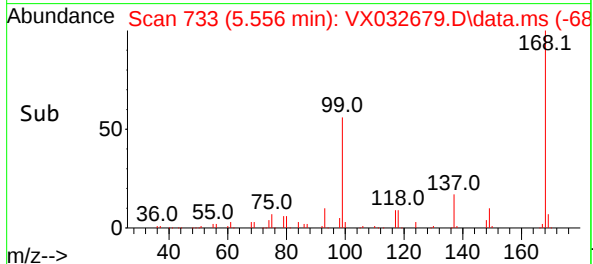
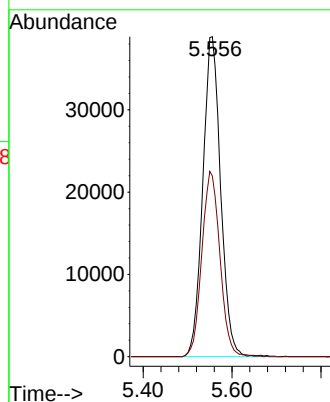
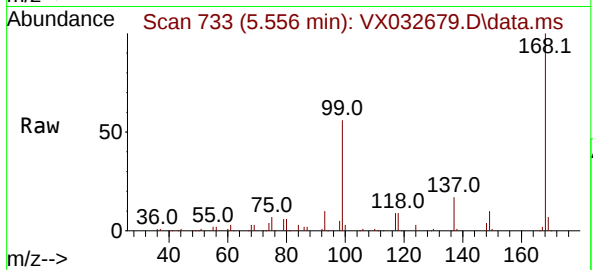




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

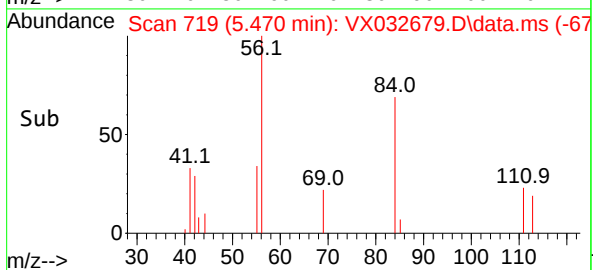
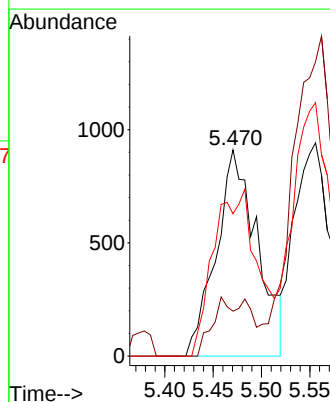
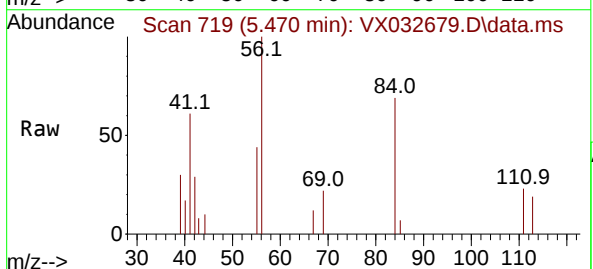
Instrument :
MSVOA_X
ClientSampleId :
MW-14S

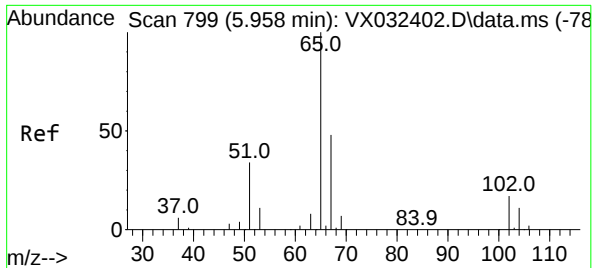
Tgt Ion:168 Resp: 108941
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#31
Cyclohexane
Concen: 1.463 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

Tgt Ion: 56 Resp: 2686
Ion Ratio Lower Upper
56 100
69 21.7 24.1 36.1#
84 69.0 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 50.648 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032679.D

Acq: 09 Nov 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

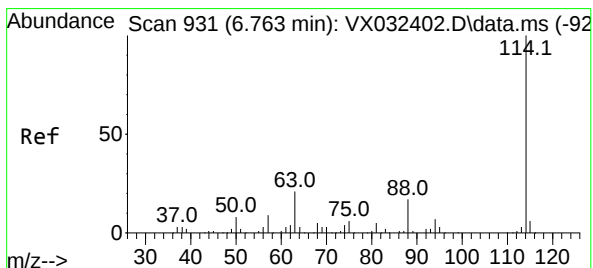
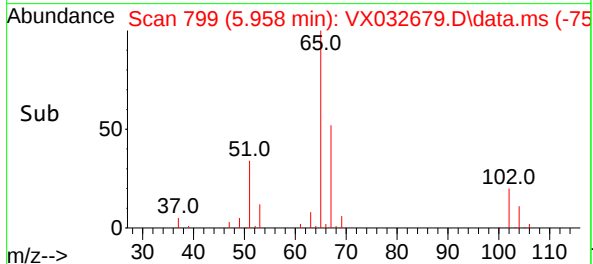
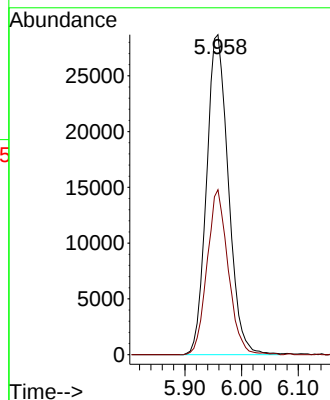
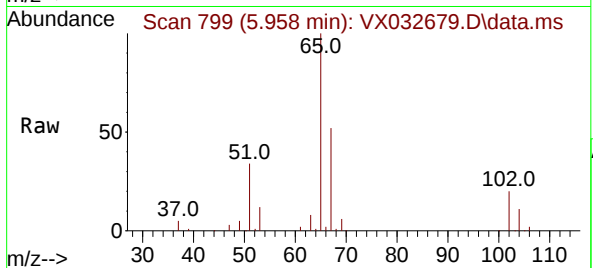
MW-14S

Tgt Ion: 65 Resp: 76667

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032679.D

Acq: 09 Nov 2022 15:08

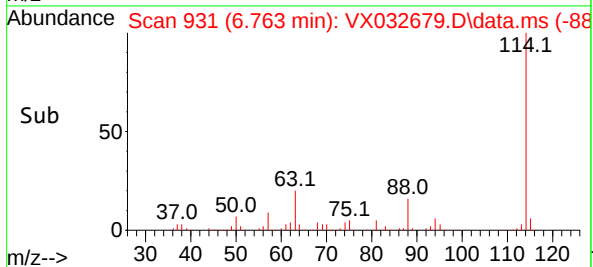
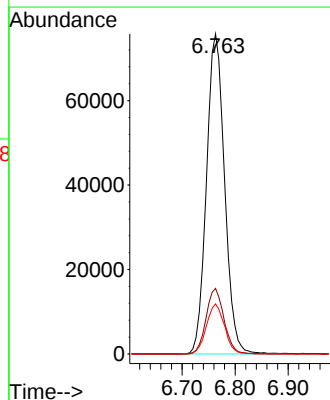
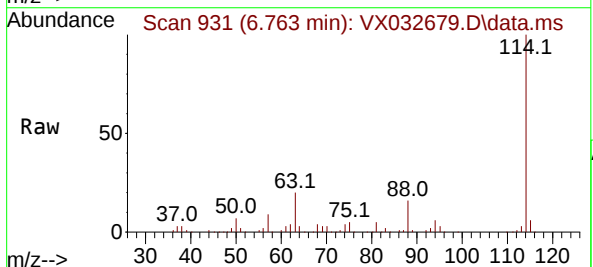
Tgt Ion: 114 Resp: 179979

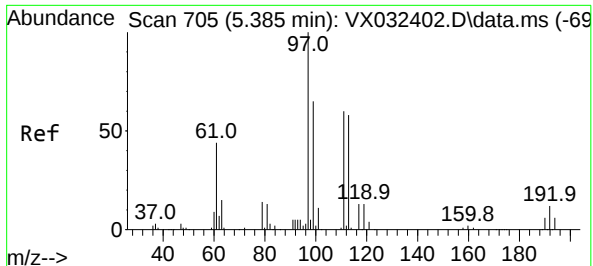
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

88 15.6 0.0 33.4

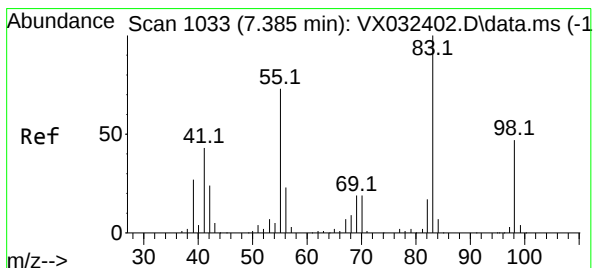
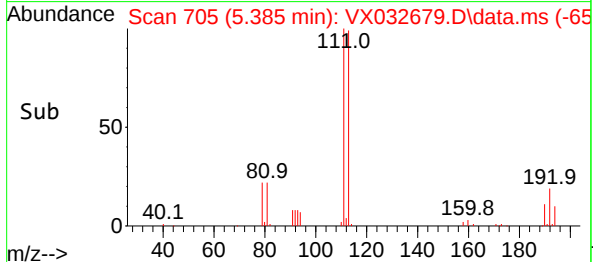
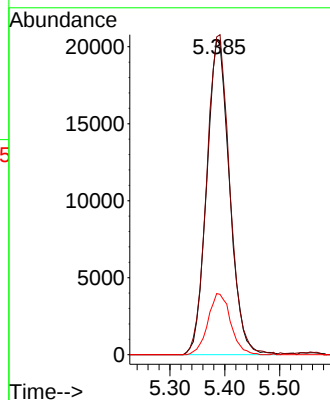
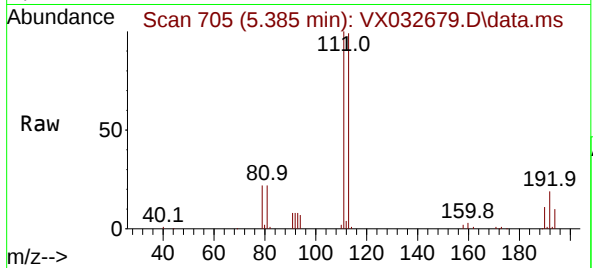




#35
Dibromofluoromethane
Concen: 46.065 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

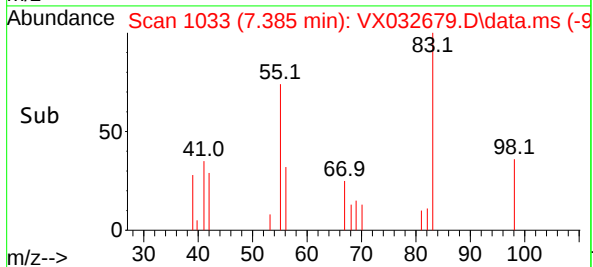
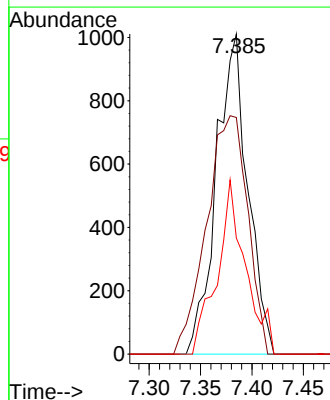
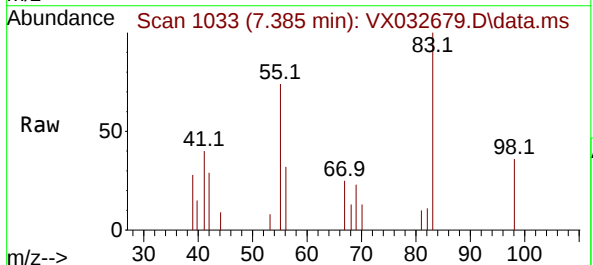
Instrument :
MSVOA_X
ClientSampleId :
MW-14S

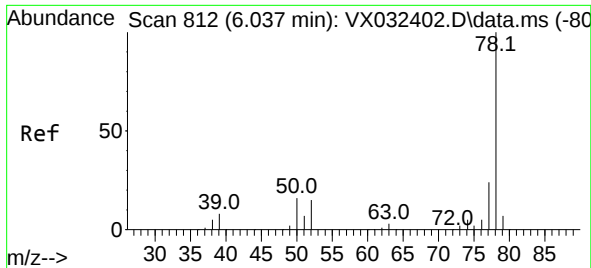
Tgt Ion:113 Resp: 59138
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.3 15.4 23.2



#39
Methylcyclohexane
Concen: 1.021 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

Tgt Ion: 83 Resp: 2160
Ion Ratio Lower Upper
83 100
55 73.9 58.4 87.6
98 36.2 37.2 55.8#

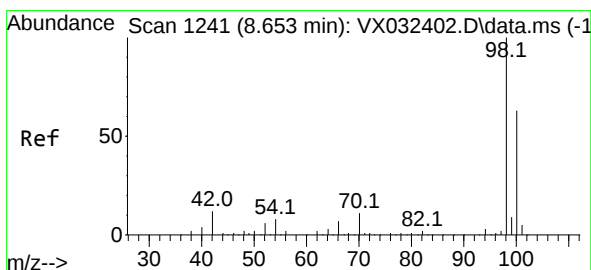
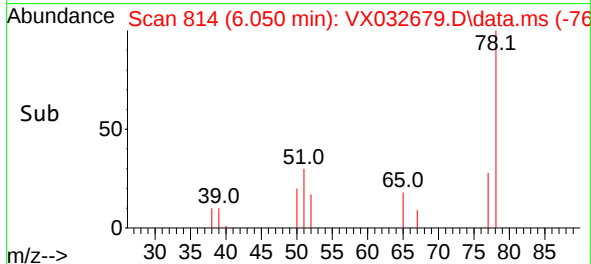
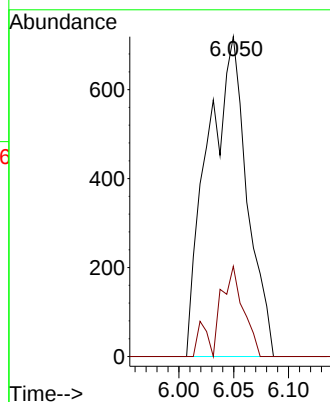
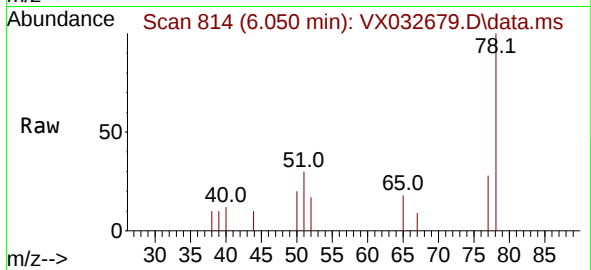




#40
Benzene
Concen: 0.356 ug/l
RT: 6.050 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

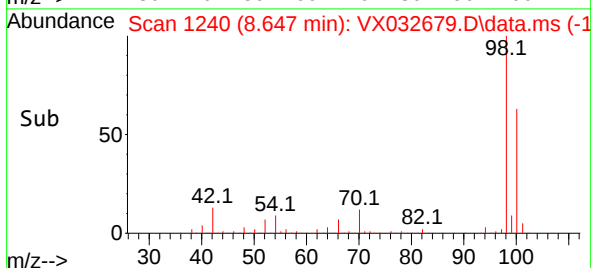
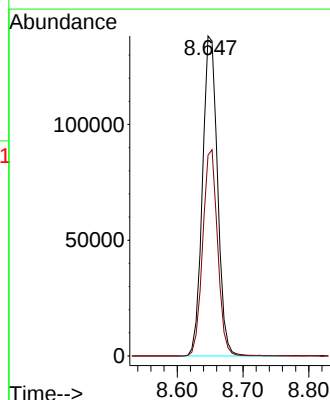
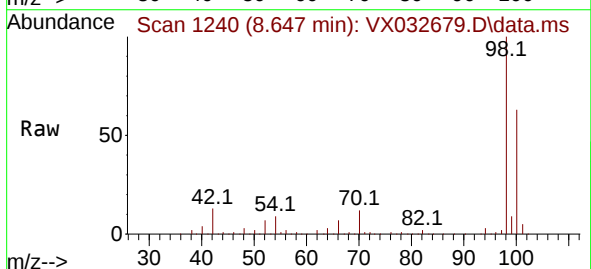
Instrument :
MSVOA_X
ClientSampleId :
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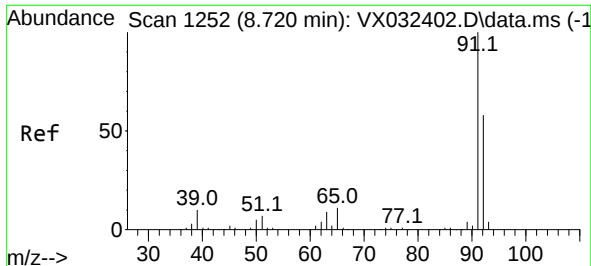
Tgt Ion: 78 Resp: 1803
Ion Ratio Lower Upper
78 100
77 28.2 19.0 28.4



#50
Toluene-d8
Concen: 49.249 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

Tgt Ion: 98 Resp: 219851
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

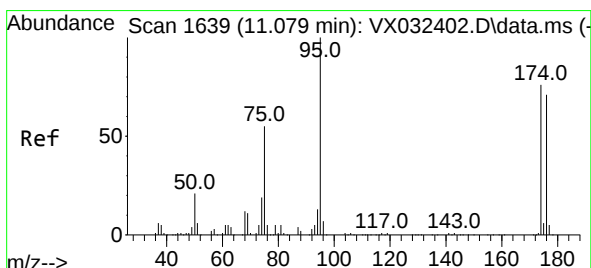
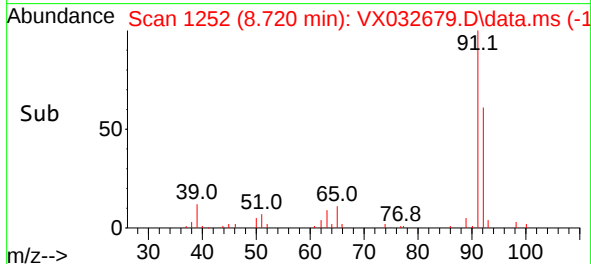
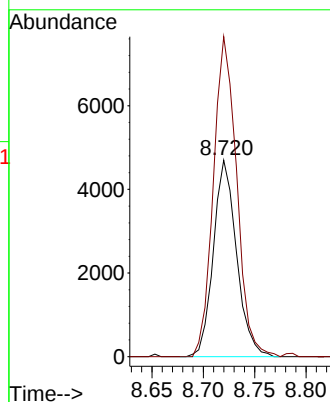
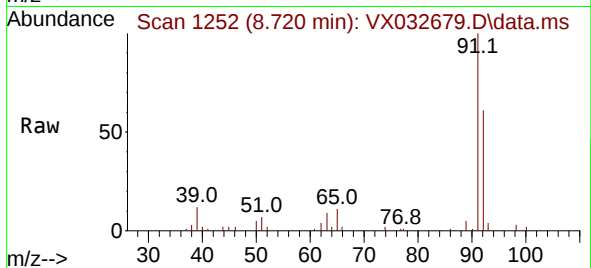




#52
Toluene
Concen: 2.235 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

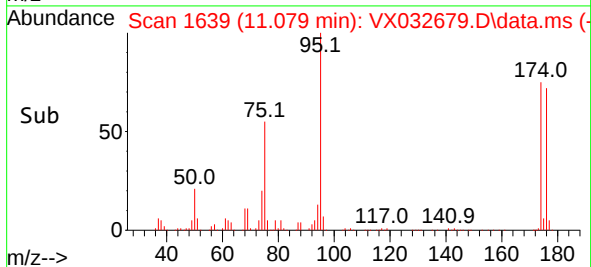
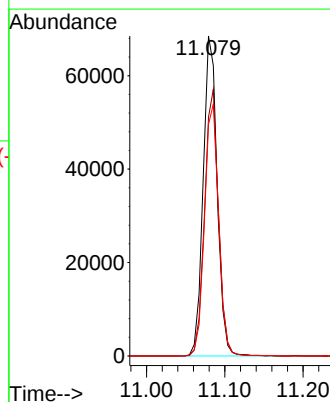
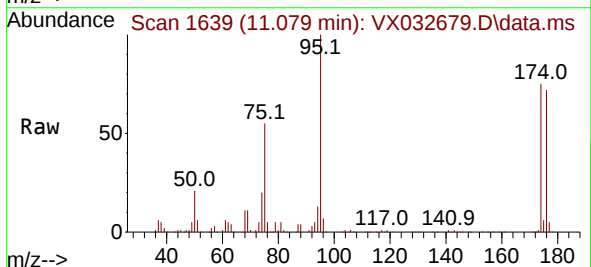
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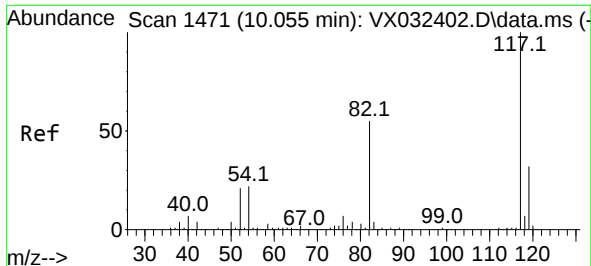
Tgt Ion: 92 Resp: 7377
Ion Ratio Lower Upper
92 100
91 163.4 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 48.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

Tgt Ion: 95 Resp: 84892
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 79.7 0.0 154.4

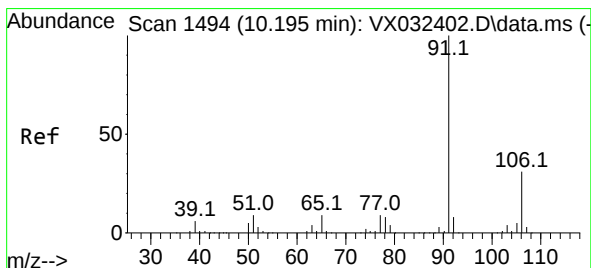
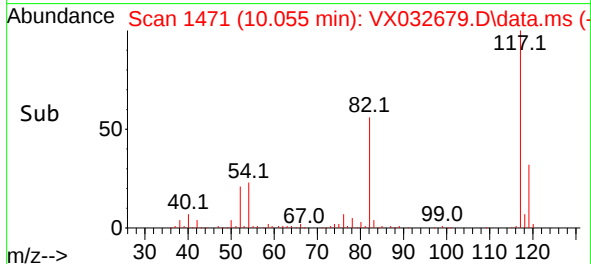
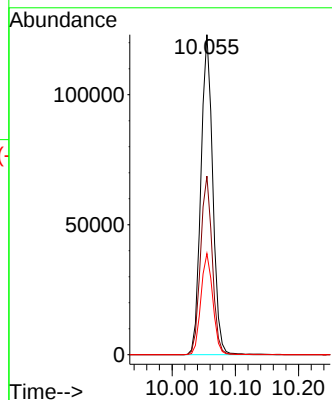
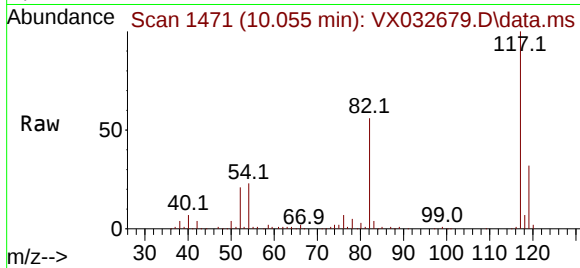




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

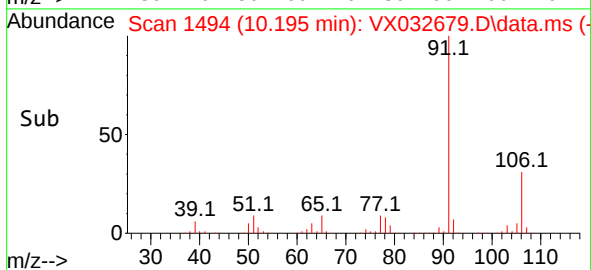
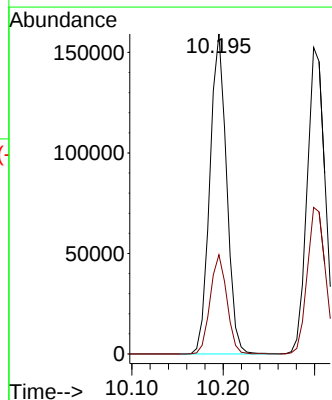
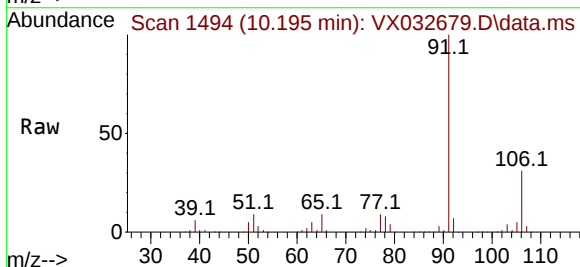
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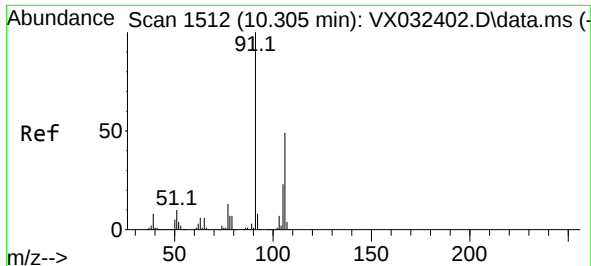
Tgt Ion:117 Resp: 160553
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 31.6 25.7 38.5



#67
Ethyl Benzene
Concen: 31.447 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

Tgt Ion: 91 Resp: 202248
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

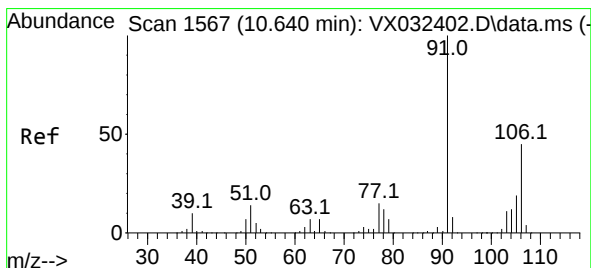
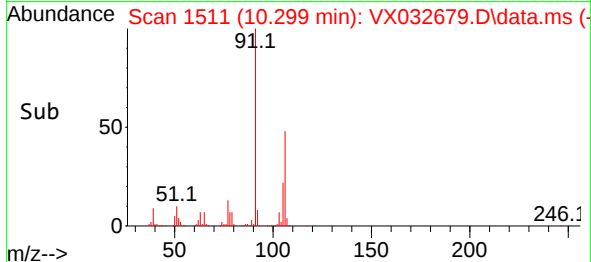
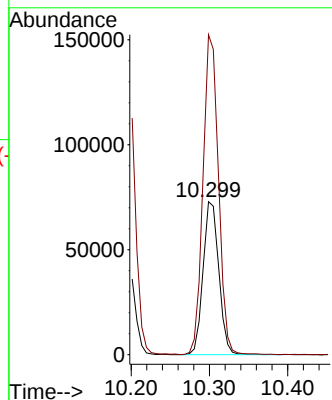
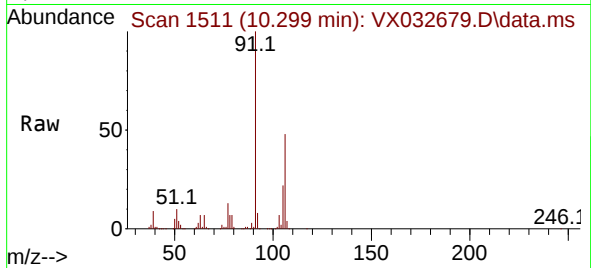




#68
m/p-Xylenes
Concen: 40.652 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

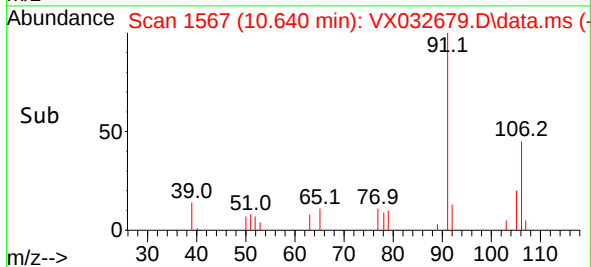
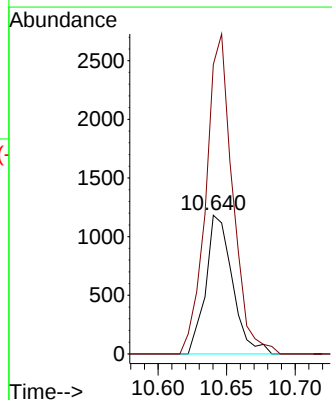
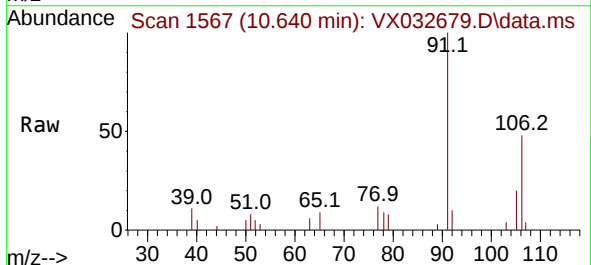
Instrument :
MSVOA_X
ClientSampleId :
MW-14S

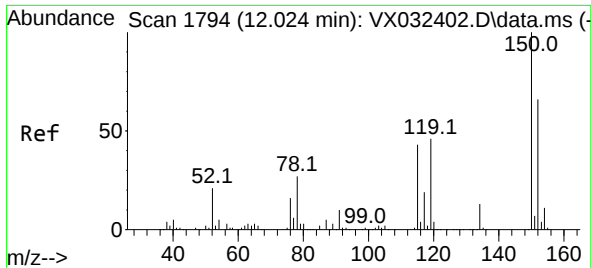
Tgt Ion:106 Resp: 101522
Ion Ratio Lower Upper
106 100
91 205.5 164.5 246.7



#69
o-Xylene
Concen: 0.659 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

Tgt Ion:106 Resp: 1600
Ion Ratio Lower Upper
106 100
91 230.9 109.2 327.6

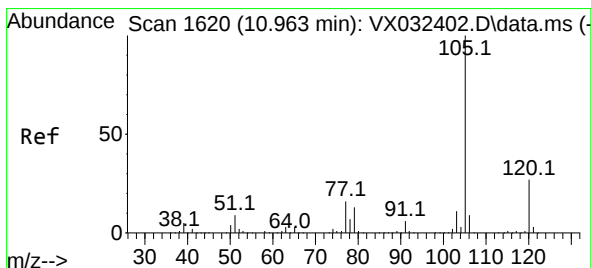
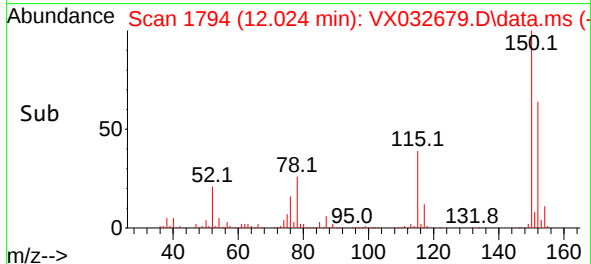
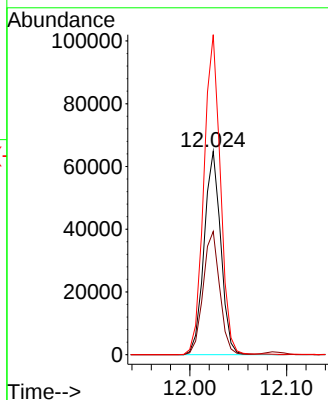
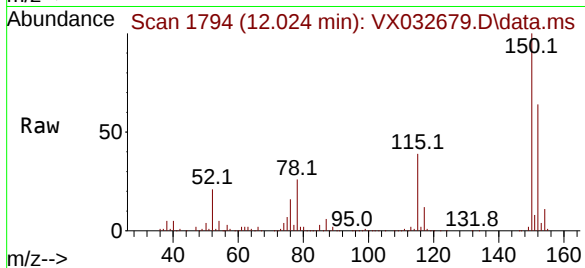




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

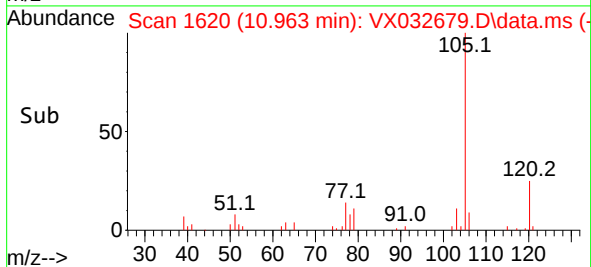
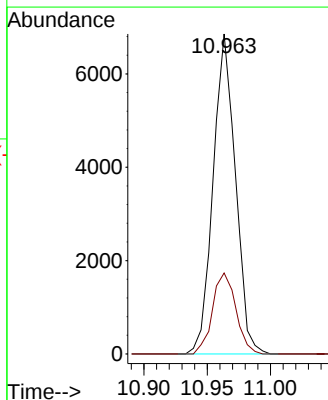
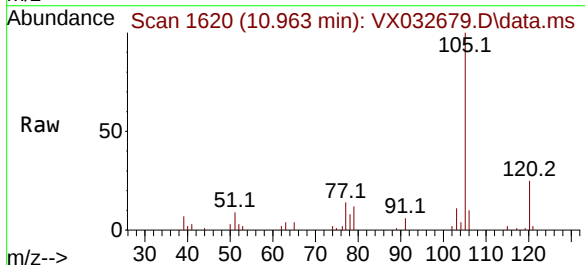
Instrument :
MSVOA_X
ClientSampleId :
MW-14S

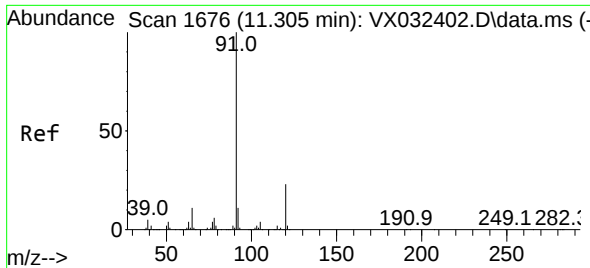
Tgt Ion:152 Resp: 77565
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 156.9 0.0 351.8



#73
Isopropylbenzene
Concen: 1.365 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

Tgt Ion:105 Resp: 8389
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

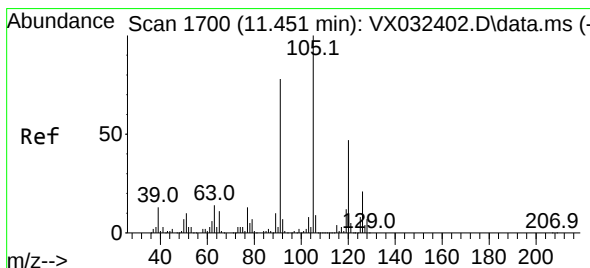
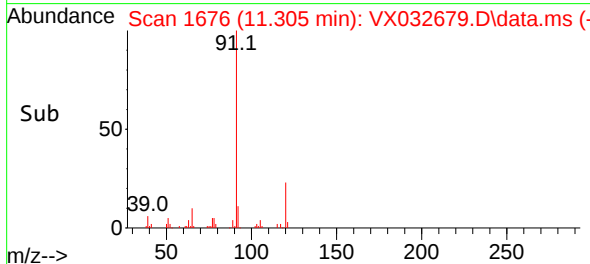
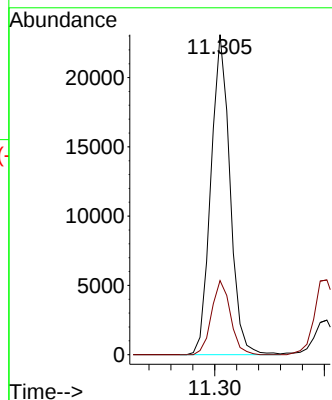
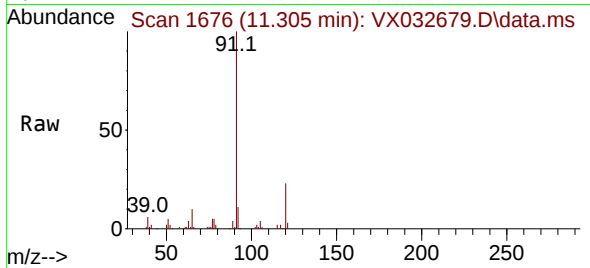




#78
n-propylbenzene
Concen: 3.938 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

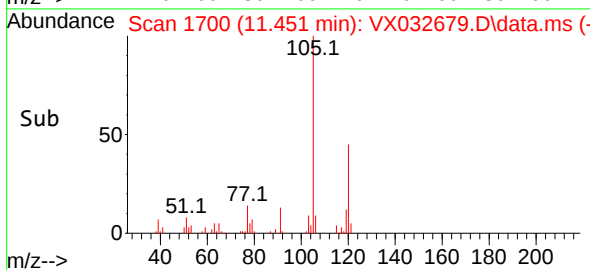
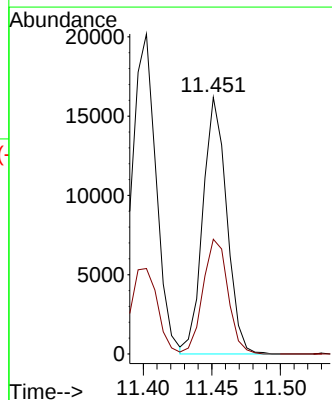
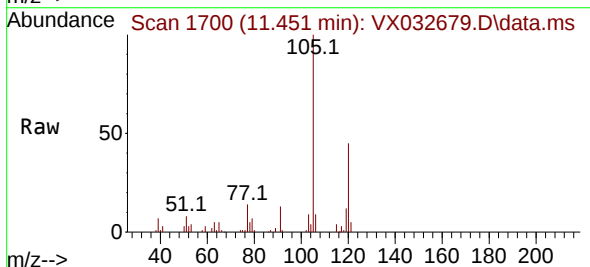
Instrument :
MSVOA_X
ClientSampleId :
MW-14S

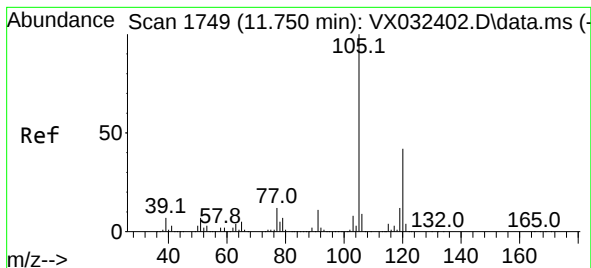
Tgt Ion: 91 Resp: 27890
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 3.724 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032679.D
Acq: 09 Nov 2022 15:08

Tgt Ion: 105 Resp: 19564
Ion Ratio Lower Upper
105 100
120 46.9 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 20.477 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032679.D

Acq: 09 Nov 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

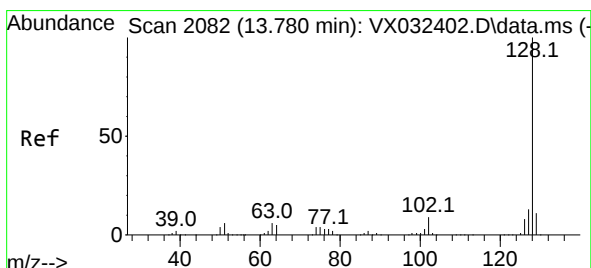
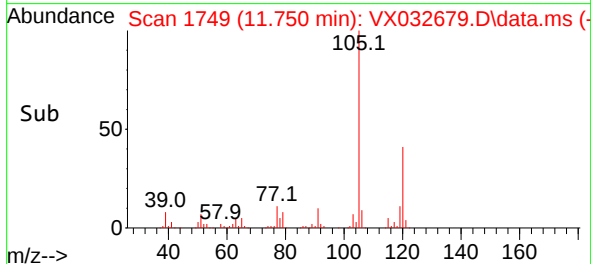
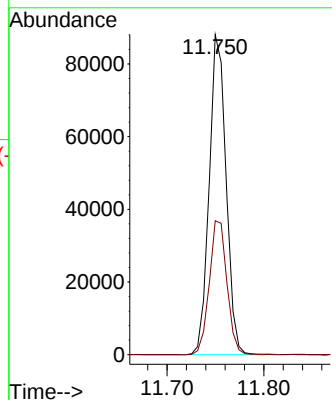
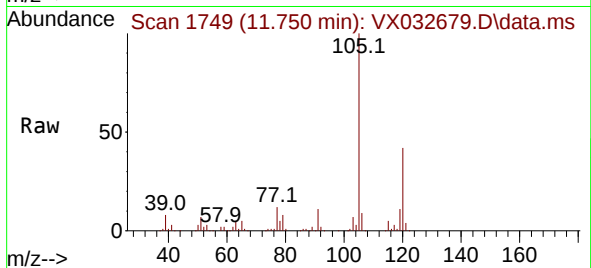
MW-14S

Tgt Ion:105 Resp: 106985

Ion Ratio Lower Upper

105 100

120 43.8 21.9 65.5



#95

Naphthalene

Concen: 4.381 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032679.D

Acq: 09 Nov 2022 15:08

Tgt Ion:128 Resp: 26677

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.9 13.3

