

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032726.D
 Acq On : 10 Nov 2022 14:24
 Operator : JC/MD
 Sample : N5551-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12IDL

Quant Time: Nov 11 00:36:16 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)

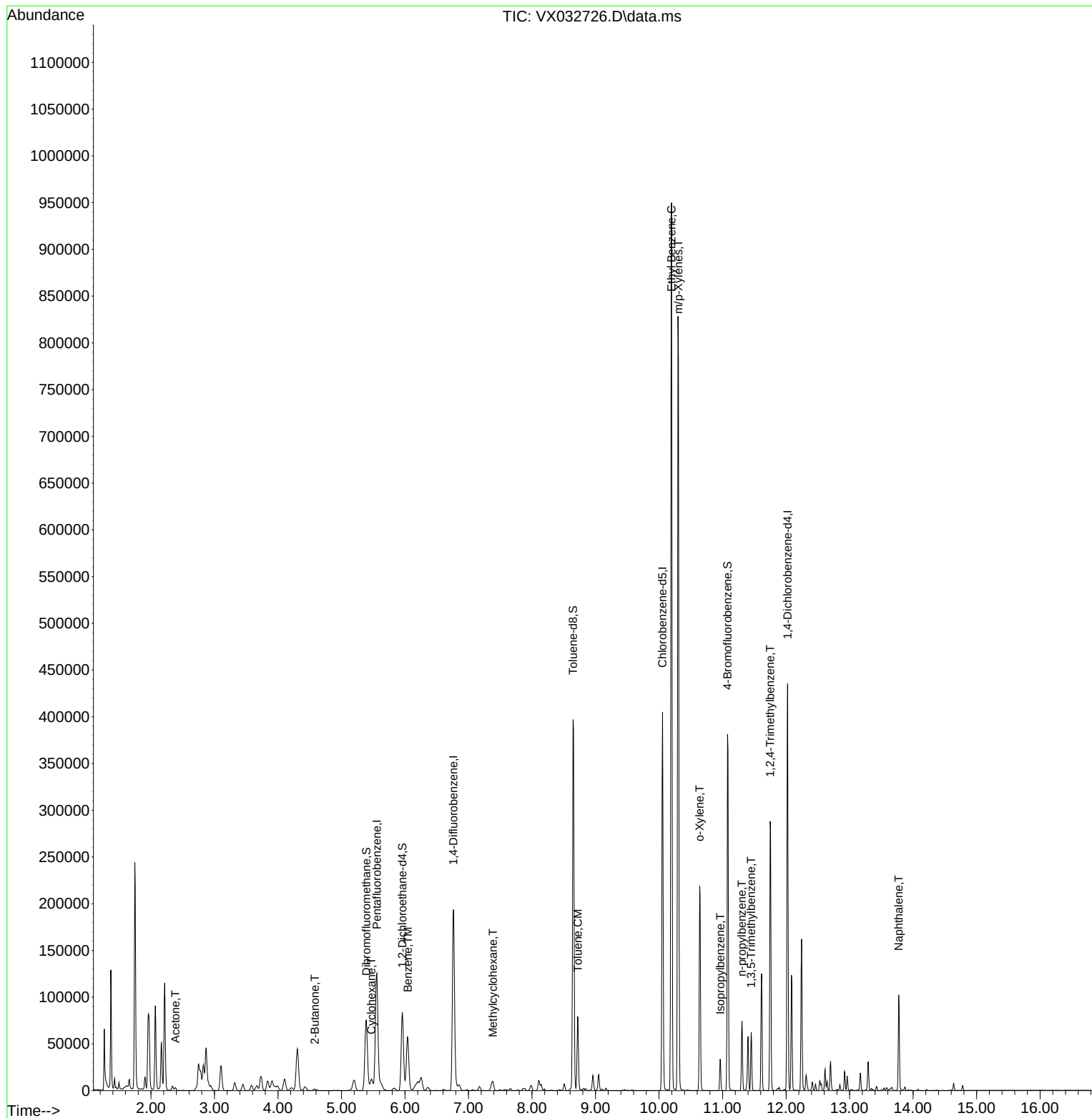
Internal Standards						
1) Pentafluorobenzene	5.556	168	120033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83168	49.866	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.740%
35) Dibromofluoromethane	5.391	113	64446	46.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.580%
50) Toluene-d8	8.647	98	241283	49.846	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	96799	51.194	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.380%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3502	5.777	ug/l	100
25) 2-Butanone	4.580	43	1850	1.970	ug/l #	85
31) Cyclohexane	5.470	56	8092	4.002	ug/l	95
39) Methylcyclohexane	7.385	83	4272	1.863	ug/l	95
40) Benzene	6.044	78	69554	12.679	ug/l	98
52) Toluene	8.720	92	28305	7.909	ug/l	97
67) Ethyl Benzene	10.195	91	511646	73.323	ug/l	99
68) m/p-Xylenes	10.305	106	187870	69.335	ug/l	99
69) o-Xylene	10.640	106	46580	17.681	ug/l	97
73) Isopropylbenzene	10.963	105	16674	2.394	ug/l	99
78) n-propylbenzene	11.305	91	45970	5.729	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	26187	4.400	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	129572	21.888	ug/l	99
95) Naphthalene	13.774	128	62468	9.054	ug/l	99

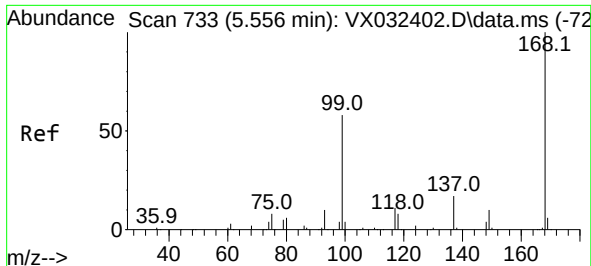
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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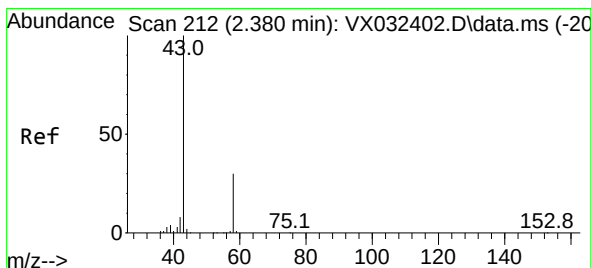
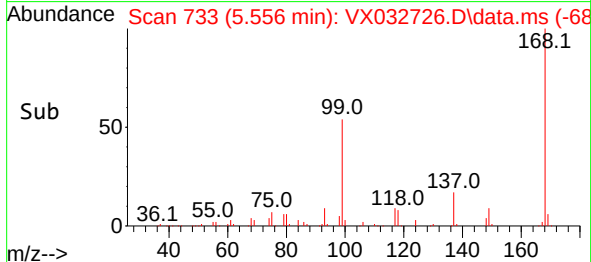
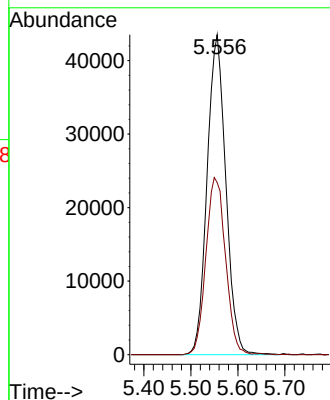
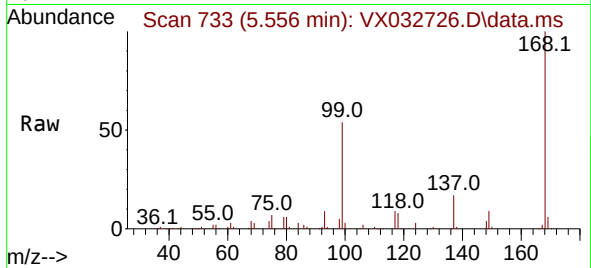




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

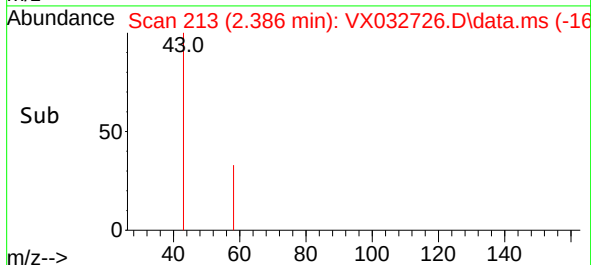
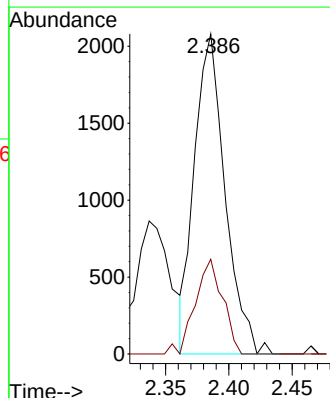
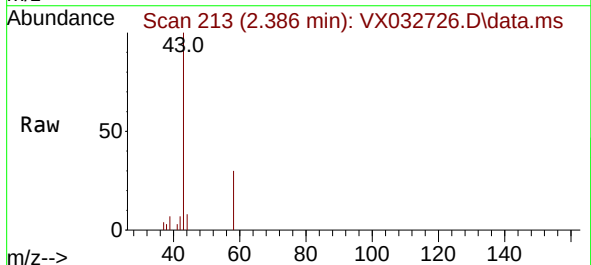
Instrument :
MSVOA_X
ClientSampleId :
MW-12IDL

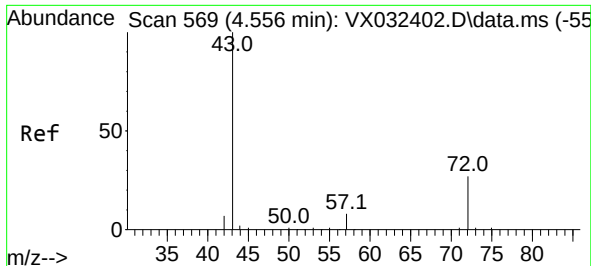
Tgt Ion:168 Resp: 120033
Ion Ratio Lower Upper
168 100
99 53.8 46.1 69.1



#16
Acetone
Concen: 5.777 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

Tgt Ion: 43 Resp: 3502
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.8

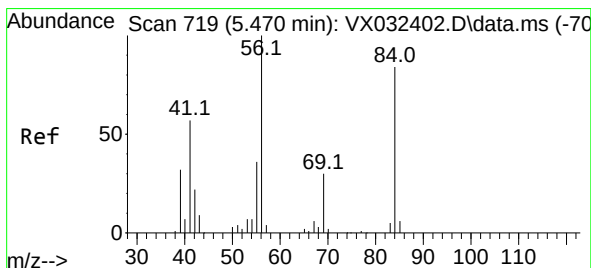
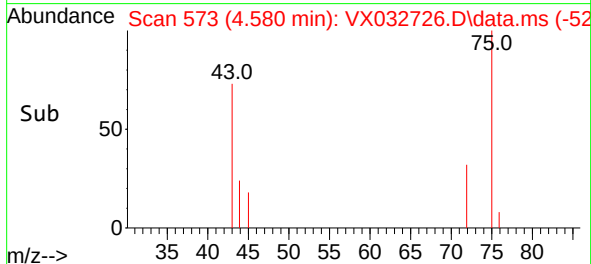
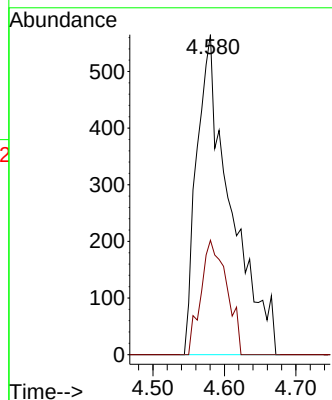
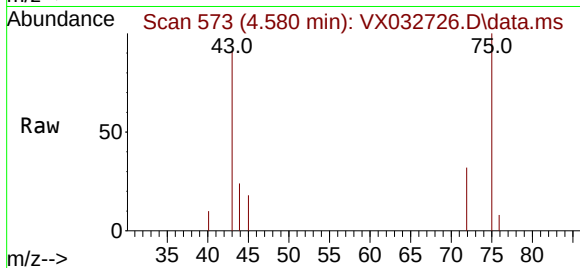




#25
2-Butanone
Concen: 1.970 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

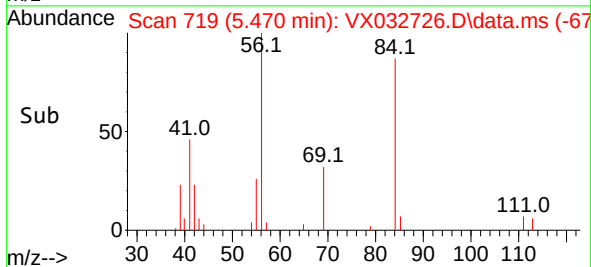
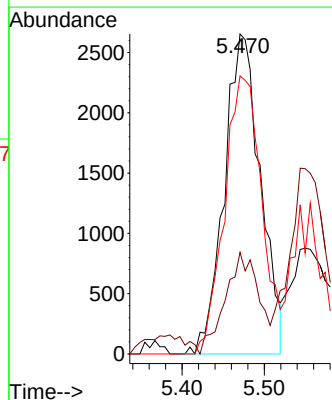
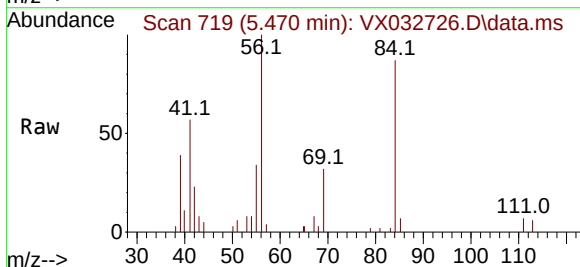
Instrument :
MSVOA_X
ClientSampleId :
MW-12IDL

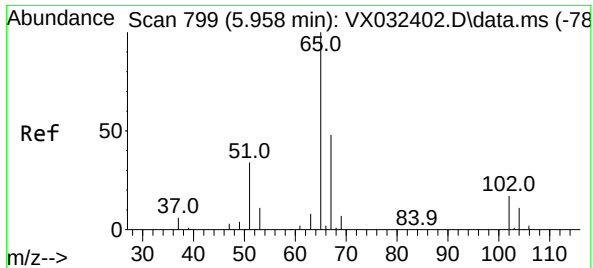
Tgt Ion: 43 Resp: 1850
Ion Ratio Lower Upper
43 100
72 35.8 22.2 33.2#



#31
Cyclohexane
Concen: 4.002 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

Tgt Ion: 56 Resp: 8092
Ion Ratio Lower Upper
56 100
69 26.3 24.1 36.1
84 86.9 66.9 100.3

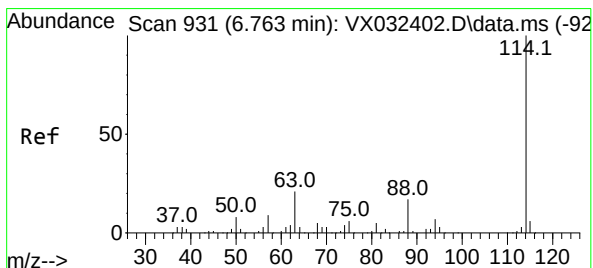
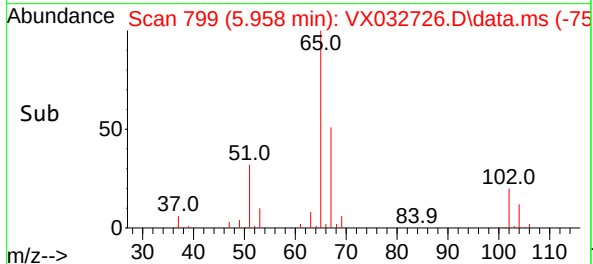
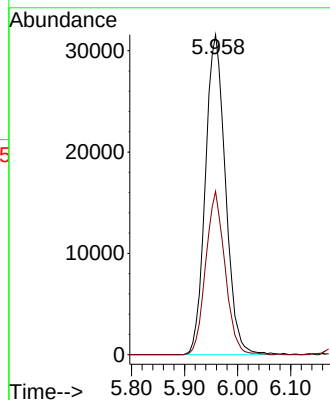
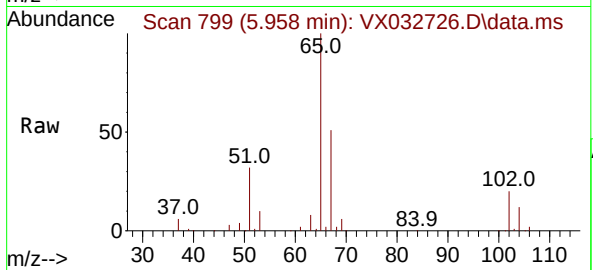




#33
 1,2-Dichloroethane-d4
 Concen: 49.866 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032726.D
 Acq: 10 Nov 2022 14:24

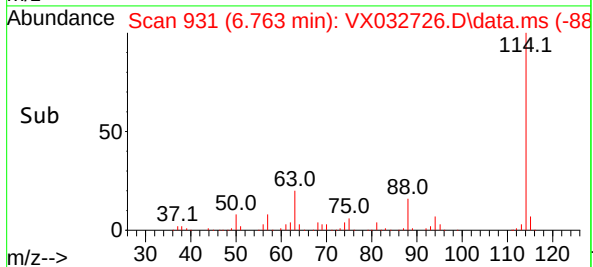
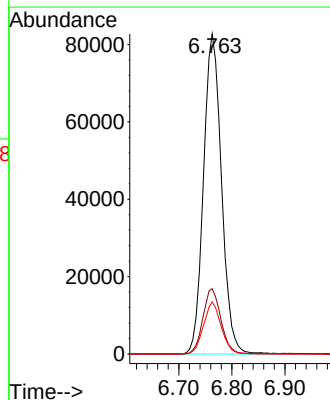
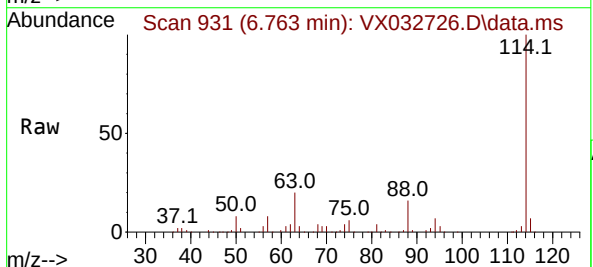
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12IDL

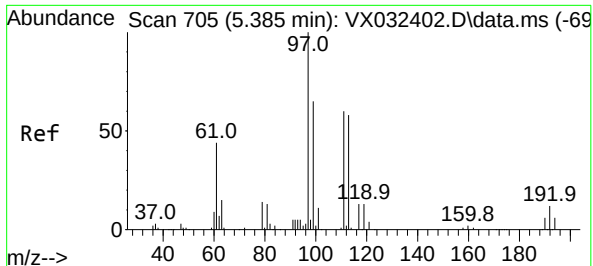
Tgt Ion: 65 Resp: 83168
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032726.D
 Acq: 10 Nov 2022 14:24

Tgt Ion: 114 Resp: 195157
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.6
 88 16.3 0.0 33.4

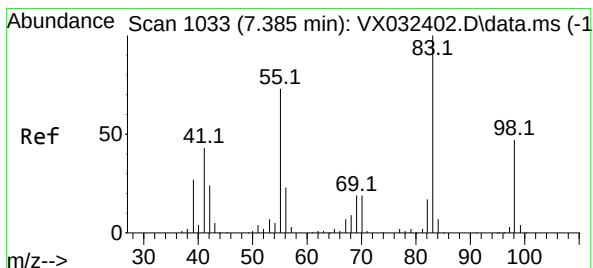
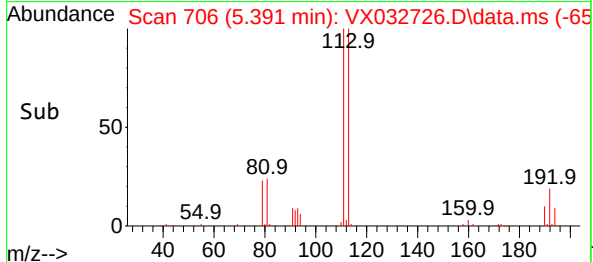
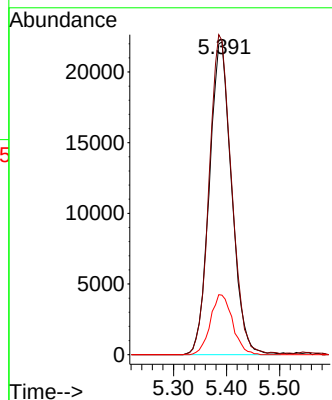
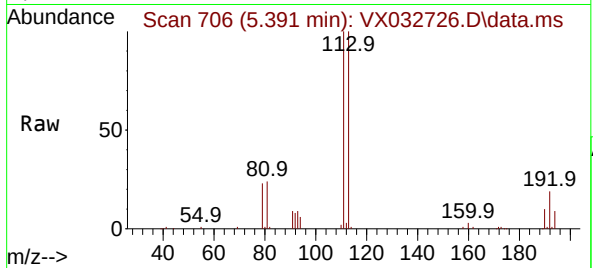




#35
Dibromofluoromethane
Concen: 46.295 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

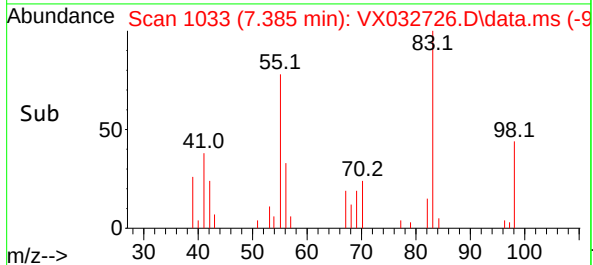
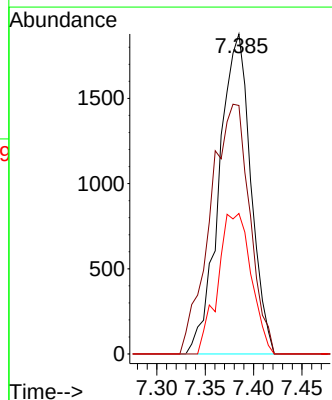
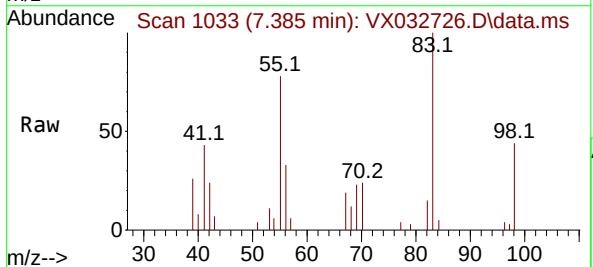
Instrument :
MSVOA_X
ClientSampleId :
MW-12IDL

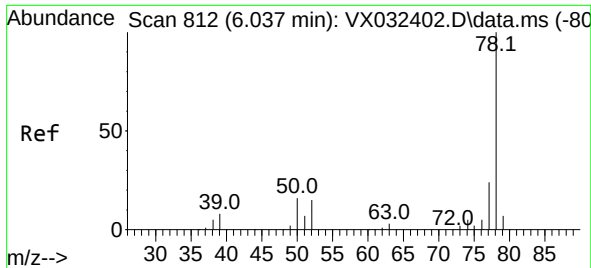
Tgt Ion:113 Resp: 64446
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.1 15.4 23.2



#39
Methylcyclohexane
Concen: 1.863 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

Tgt Ion: 83 Resp: 4272
Ion Ratio Lower Upper
83 100
55 77.6 58.4 87.6
98 43.9 37.2 55.8





#40

Benzene

Concen: 12.679 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX032726.D

Acq: 10 Nov 2022 14:24

Instrument :

MSVOA_X

ClientSampleId :

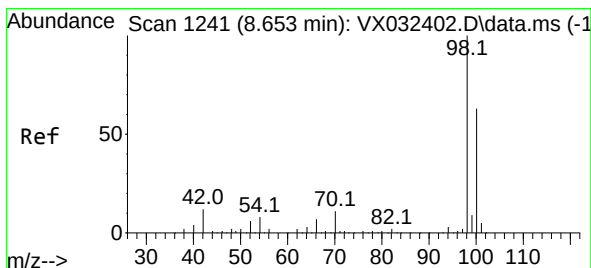
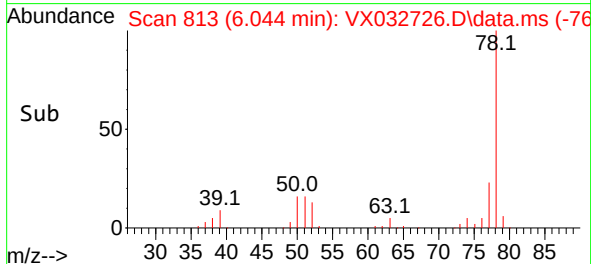
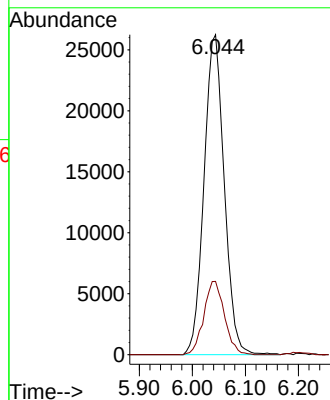
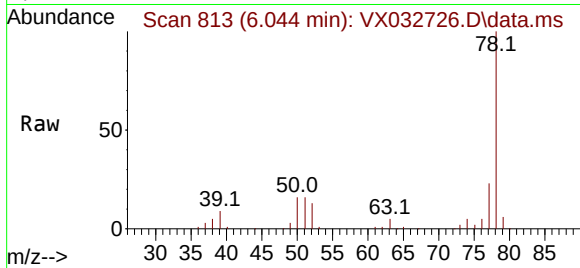
MW-12IDL

Tgt Ion: 78 Resp: 69554

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.4



#50

Toluene-d8

Concen: 49.846 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032726.D

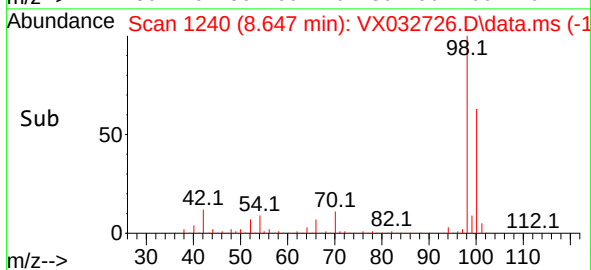
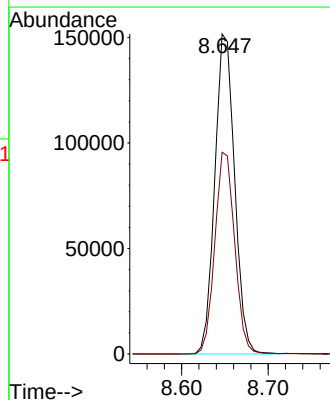
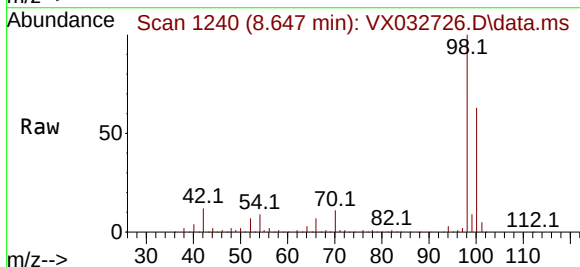
Acq: 10 Nov 2022 14:24

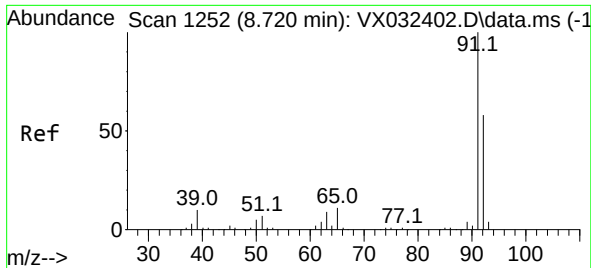
Tgt Ion: 98 Resp: 241283

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3

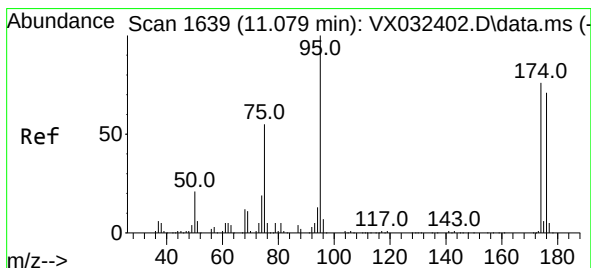
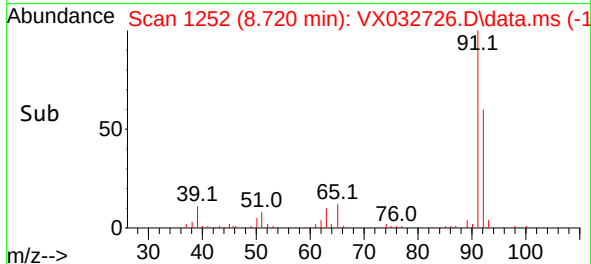
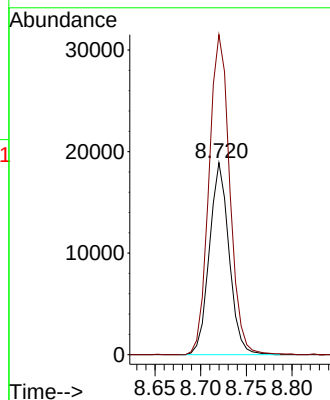
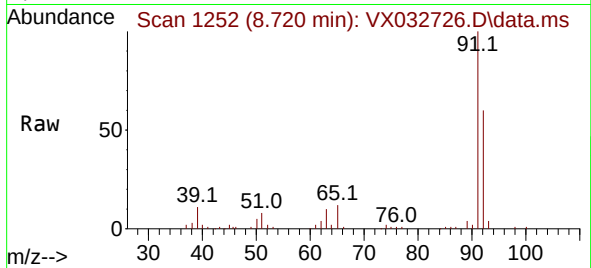




#52
Toluene
Concen: 7.909 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

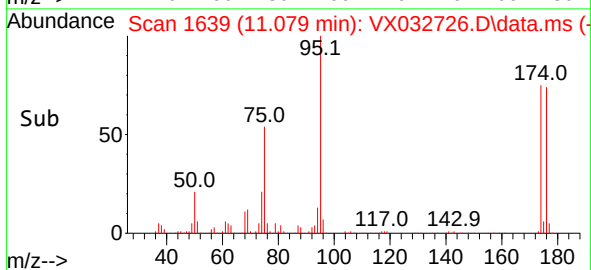
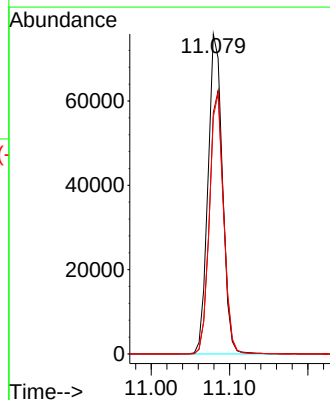
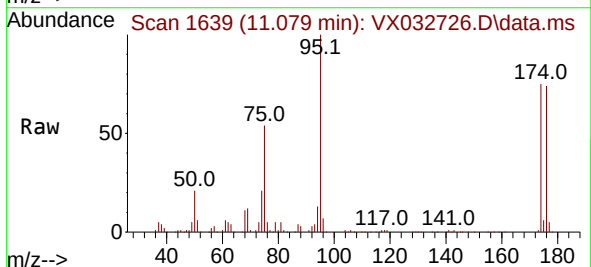
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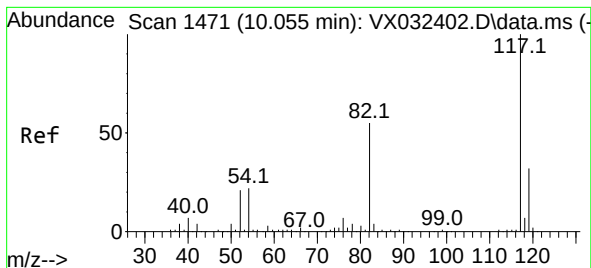
Tgt Ion: 92 Resp: 28305
Ion Ratio Lower Upper
92 100
91 176.4 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 51.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

Tgt Ion: 95 Resp: 96799
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.0
176 79.8 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: VX032726.D

Acq: 10 Nov 2022 14:24

Instrument :

MSVOA_X

ClientSampleId :

MW-12IDL

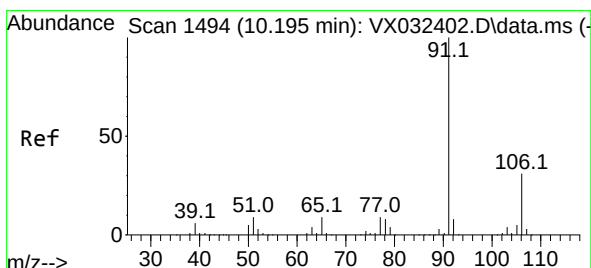
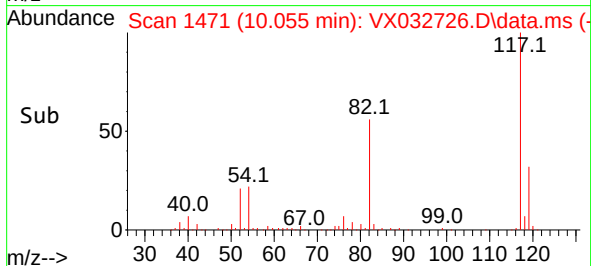
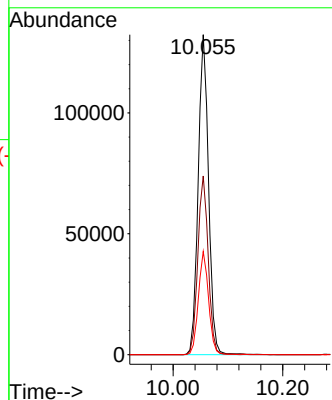
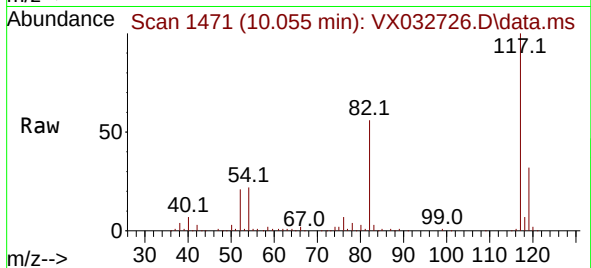
Tgt Ion:117 Resp: 174200

Ion Ratio Lower Upper

117 100

82 55.8 44.3 66.5

119 32.3 25.7 38.5



#67

Ethyl Benzene

Concen: 73.323 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032726.D

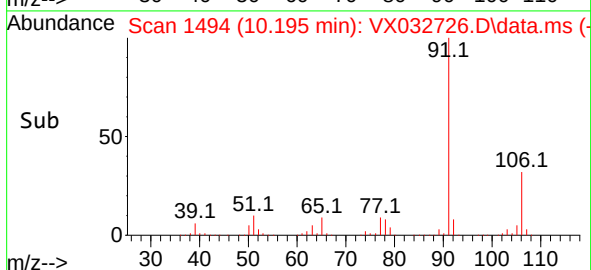
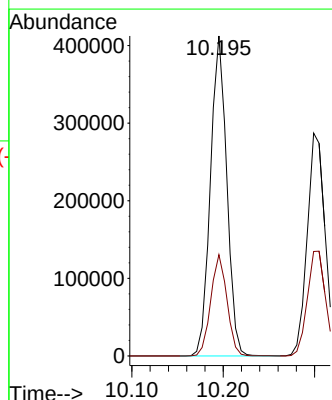
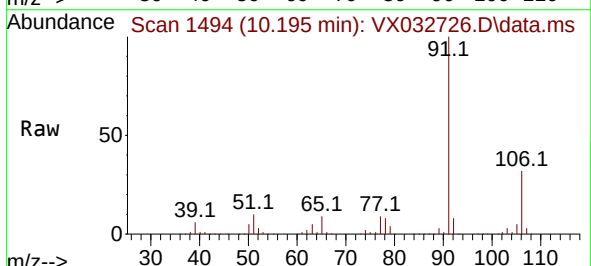
Acq: 10 Nov 2022 14:24

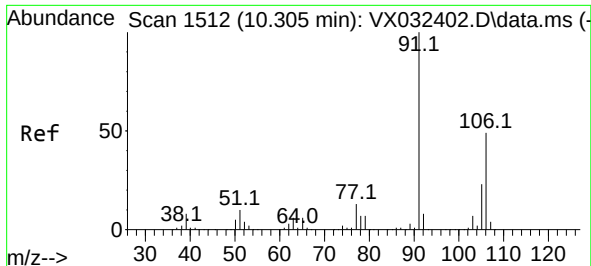
Tgt Ion: 91 Resp: 511646

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.6

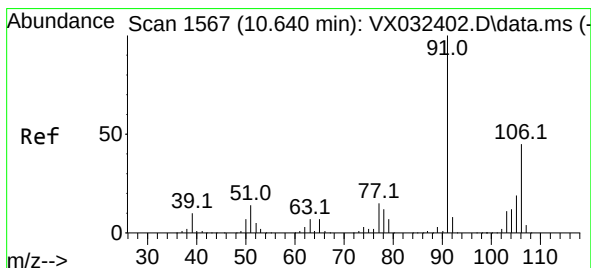
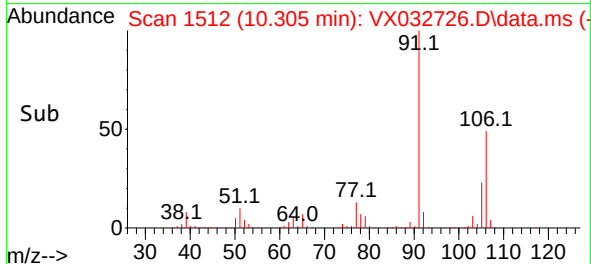
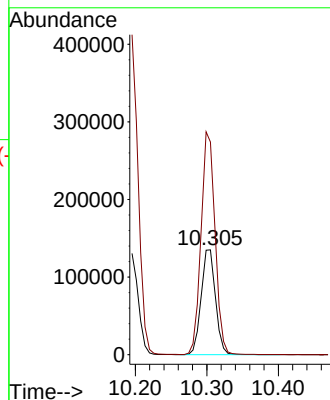
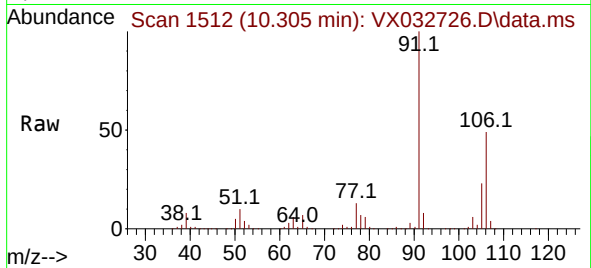




#68
m/p-Xylenes
Concen: 69.335 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

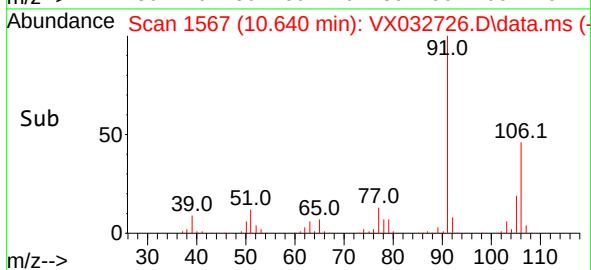
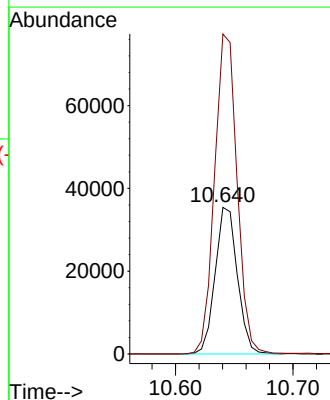
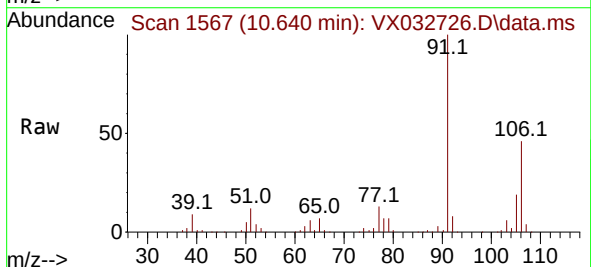
Instrument :
MSVOA_X
ClientSampleId :
MW-12IDL

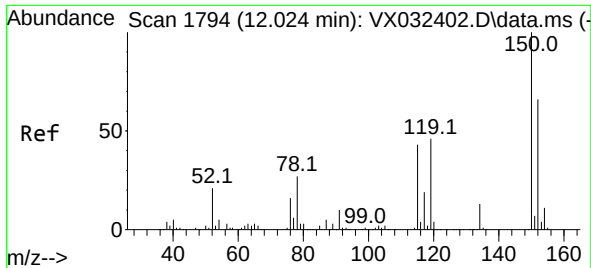
Tgt Ion:106 Resp: 187870
Ion Ratio Lower Upper
106 100
91 207.9 164.5 246.7



#69
o-Xylene
Concen: 17.681 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

Tgt Ion:106 Resp: 46580
Ion Ratio Lower Upper
106 100
91 222.4 109.2 327.6

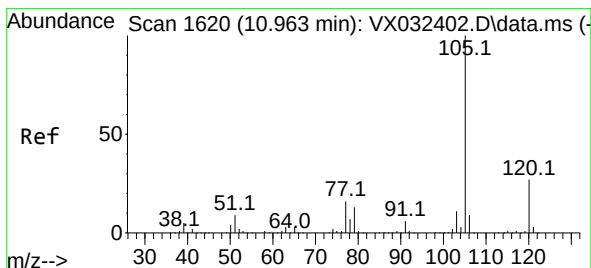
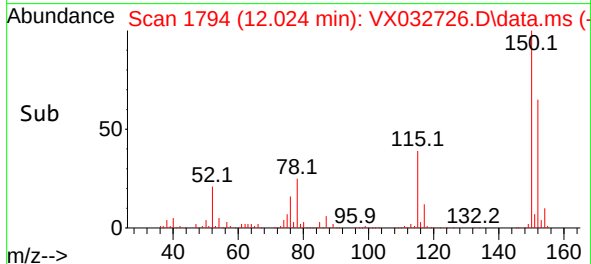
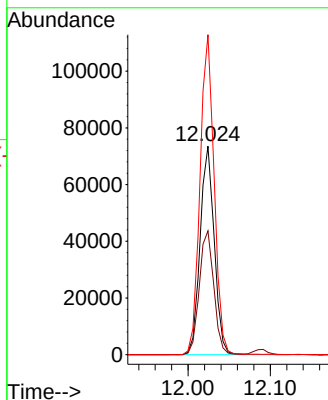
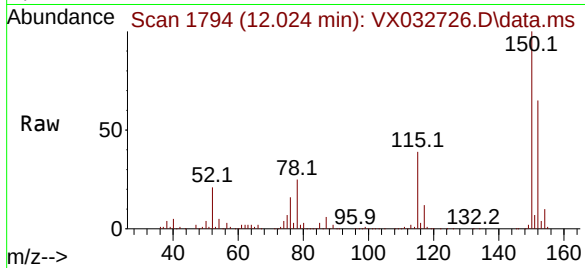




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

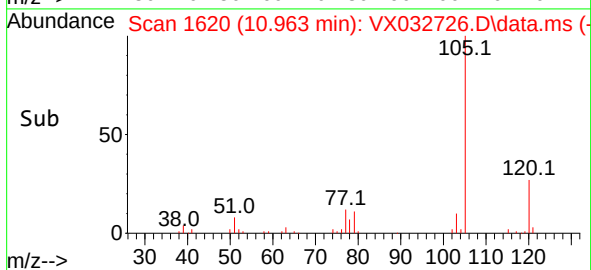
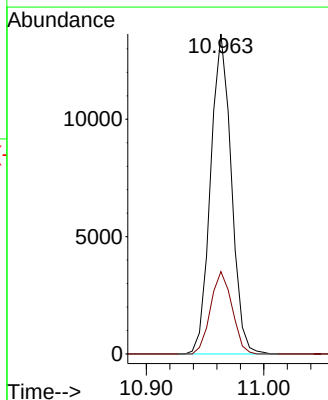
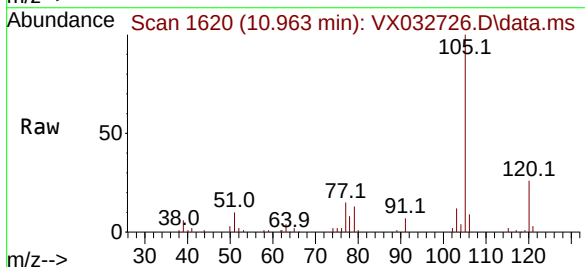
Instrument :
MSVOA_X
ClientSampleId :
MW-12IDL

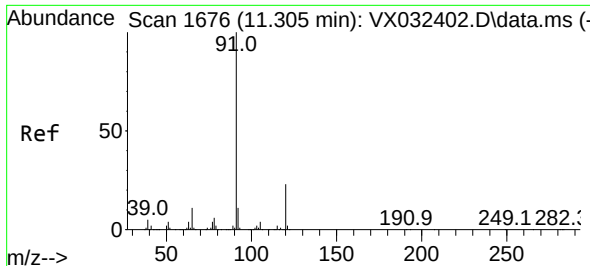
Tgt Ion:152 Resp: 87884
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 153.1 0.0 351.8



#73
Isopropylbenzene
Concen: 2.394 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

Tgt Ion:105 Resp: 16674
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

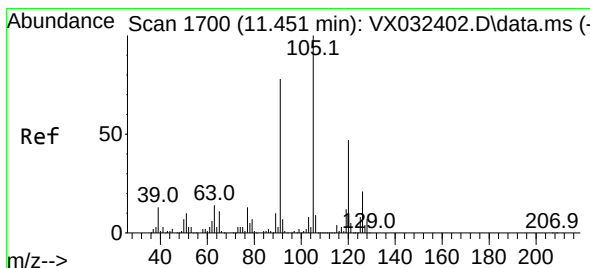
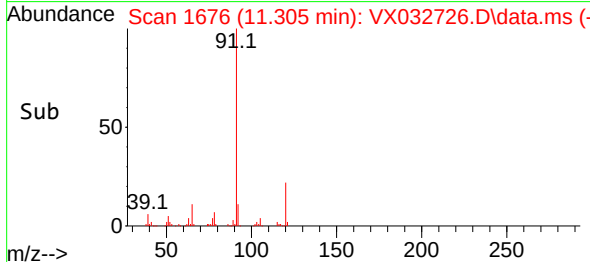
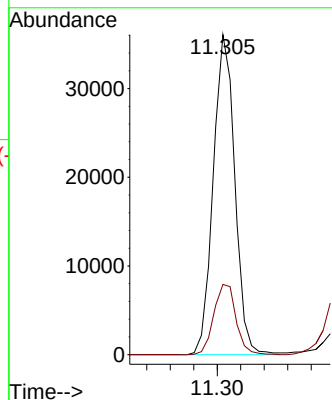
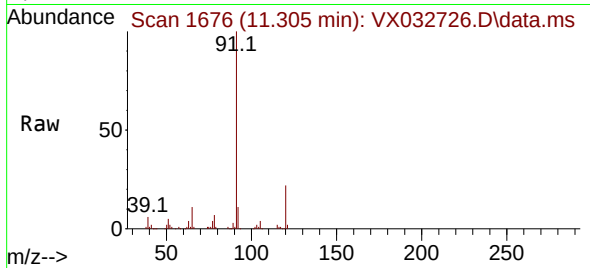




#78
n-propylbenzene
Concen: 5.729 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

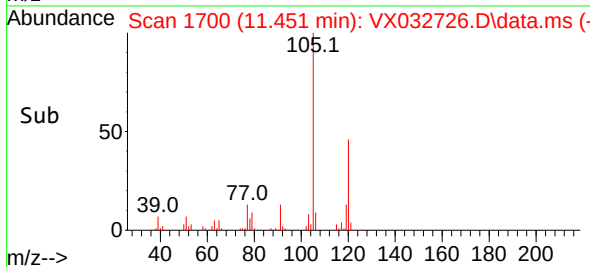
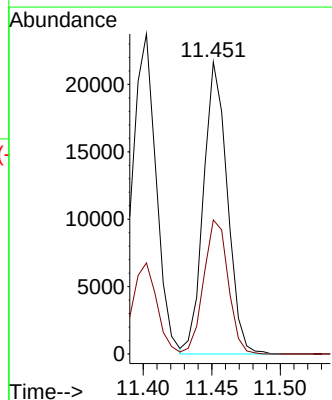
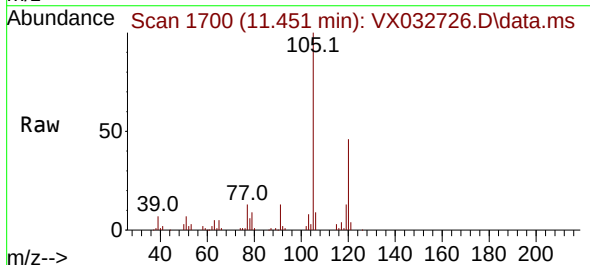
Instrument :
MSVOA_X
ClientSampleId :
MW-12IDL

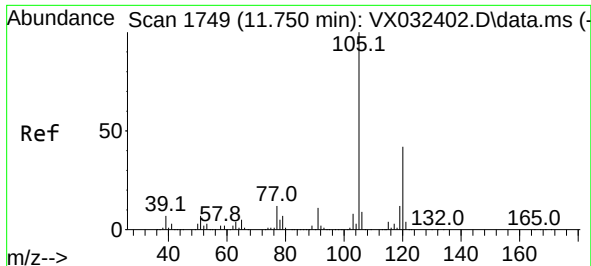
Tgt Ion: 91 Resp: 45970
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 4.400 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

Tgt Ion: 105 Resp: 26187
Ion Ratio Lower Upper
105 100
120 47.1 23.6 71.0

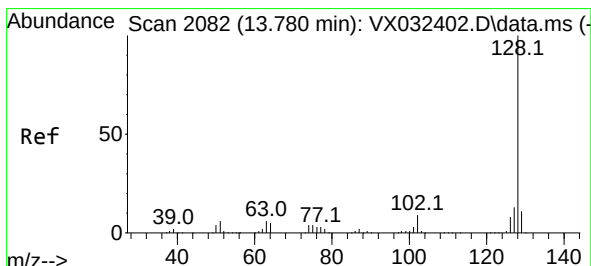
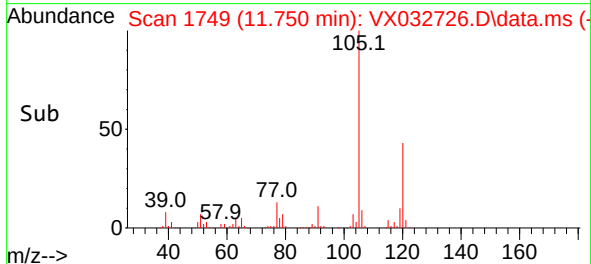
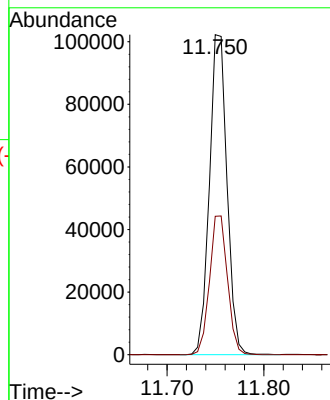
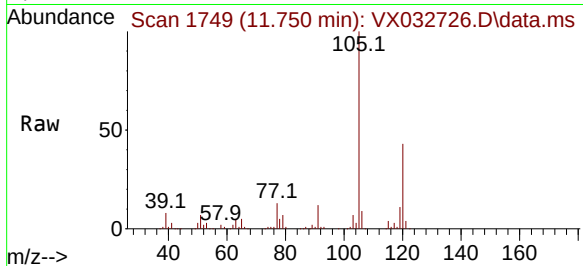




#84
1,2,4-Trimethylbenzene
Concen: 21.888 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

Instrument :
MSVOA_X
ClientSampleId :
MW-12IDL

Tgt Ion:105 Resp: 129572
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.5



#95
Naphthalene
Concen: 9.054 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032726.D
Acq: 10 Nov 2022 14:24

Tgt Ion:128 Resp: 62468
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.5 8.9 13.3

