

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX028995.D
 Acq On : 26 May 2022 13:42
 Operator : JC/MD
 Sample : N3002-01DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08DL

Quant Time: May 27 07:33:02 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)

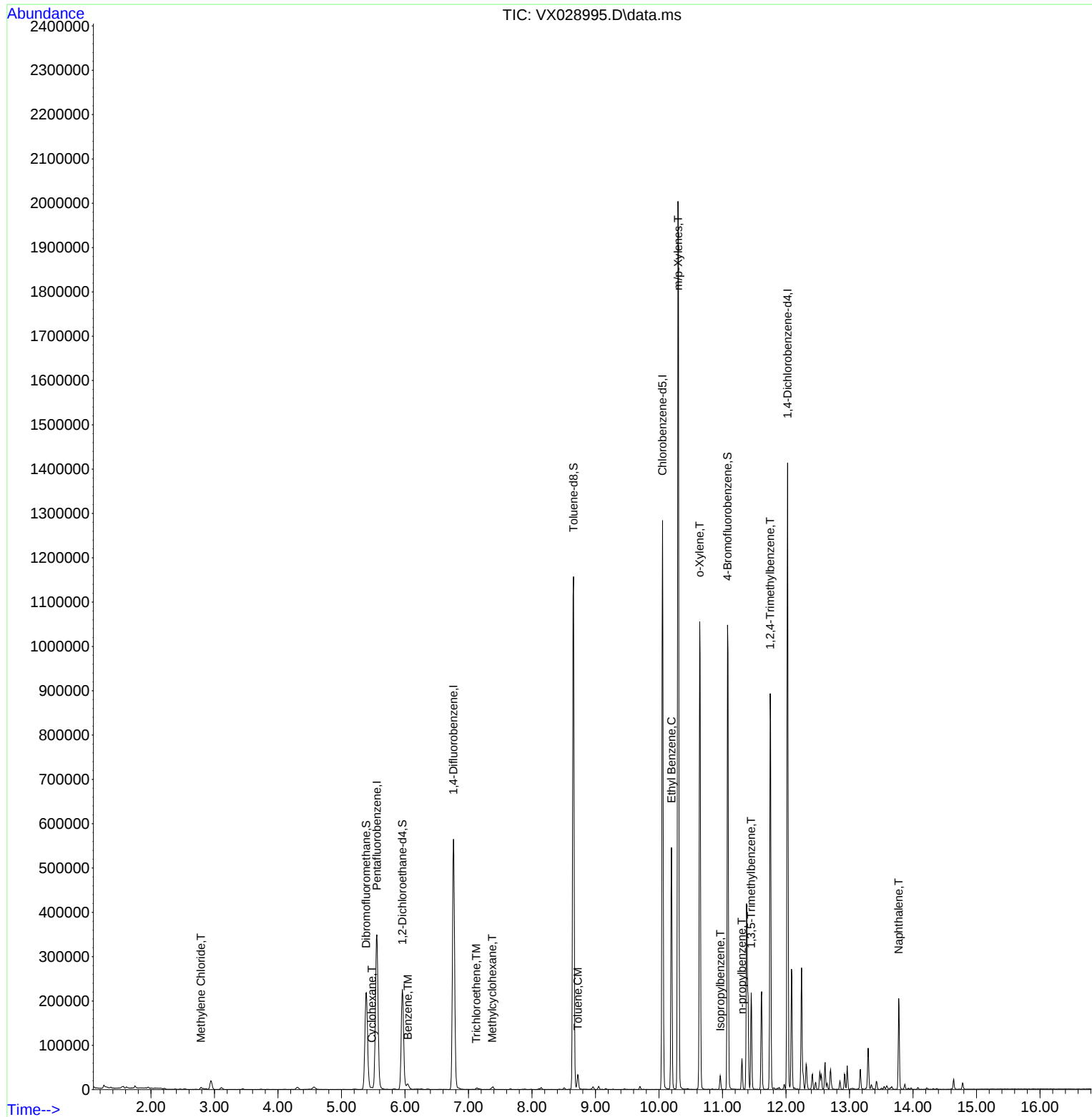
Internal Standards						
1) Pentafluorobenzene	5.556	168	334990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	600918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	580508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	284716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	221800	48.302	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.600%
35) Dibromofluoromethane	5.385	113	196133	49.816	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.640%
50) Toluene-d8	8.653	98	712049	47.970	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.940%
62) 4-Bromofluorobenzene	11.079	95	292057	52.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.360%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1853	0.448	ug/l	94
31) Cyclohexane	5.477	56	2243	0.352	ug/l #	81
39) Methylcyclohexane	7.373	83	2614	0.385	ug/l #	90
40) Benzene	6.044	78	14268	0.840	ug/l	95
44) Trichloroethene	7.123	130	1392	0.302	ug/l	66
52) Toluene	8.720	92	13160	1.204	ug/l	97
67) Ethyl Benzene	10.195	91	317370	14.378	ug/l	99
68) m/p-Xylenes	10.299	106	479921	55.845	ug/l	98
69) o-Xylene	10.640	106	236643	27.968	ug/l	99
73) Isopropylbenzene	10.964	105	15866	0.735	ug/l	99
78) n-propylbenzene	11.305	91	41517	1.662	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	95347	5.300	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	397401	22.027	ug/l	100
95) Naphthalene	13.774	128	128669	6.360	ug/l	100

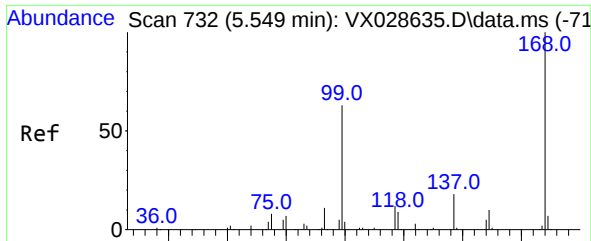
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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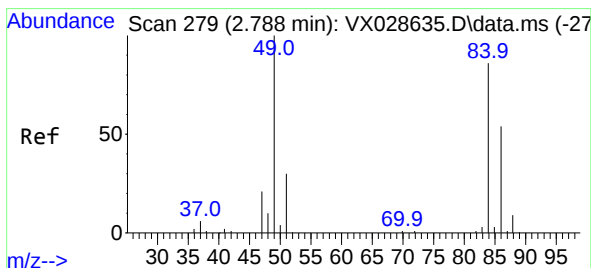
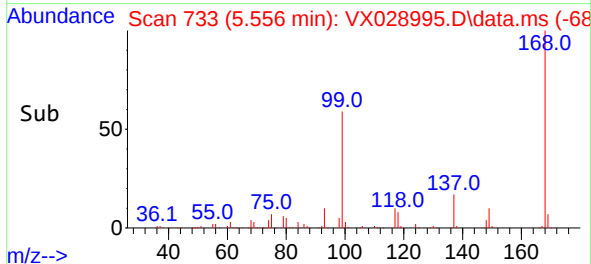
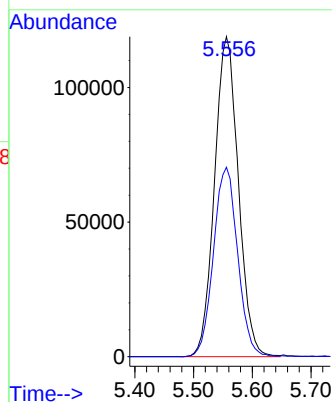
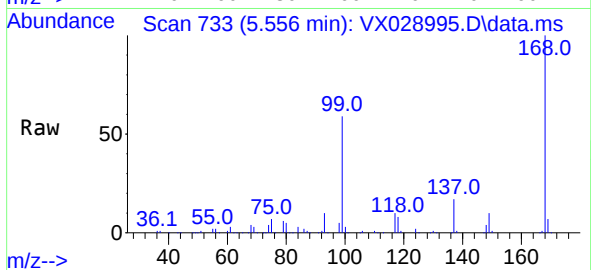




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

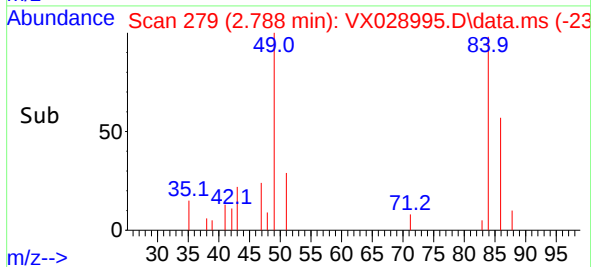
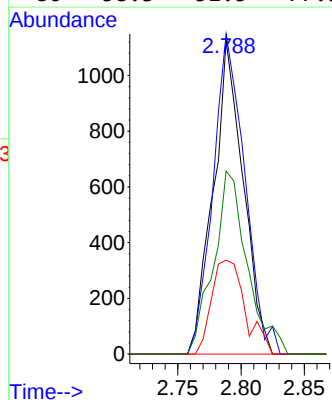
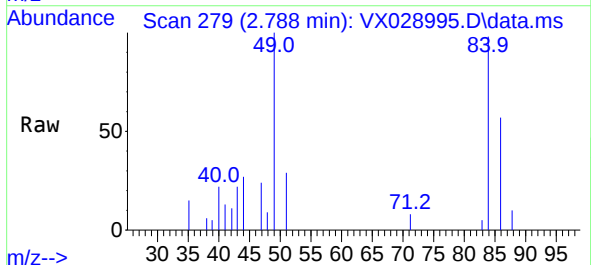
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

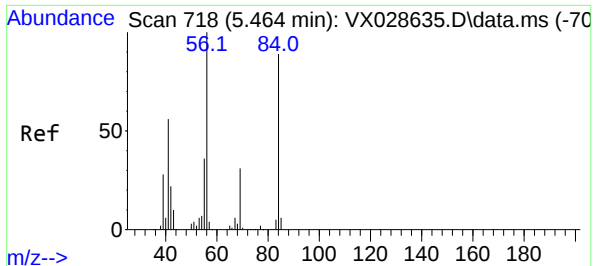
Tgt Ion:168 Resp: 334990
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#20
Methylene Chloride
Concen: 0.448 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Tgt Ion: 84 Resp: 1853
Ion Ratio Lower Upper
84 100
49 102.0 85.5 128.3
51 29.9 26.6 39.8
86 58.3 51.5 77.3

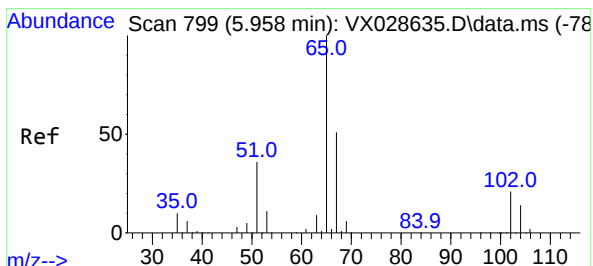
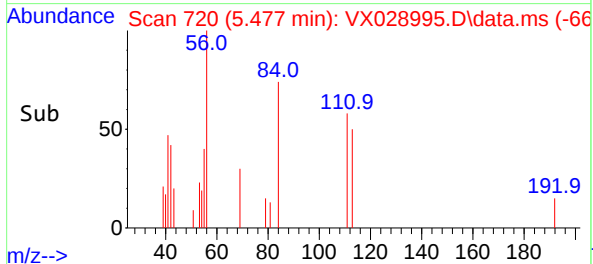
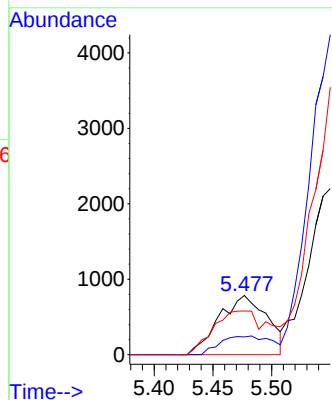
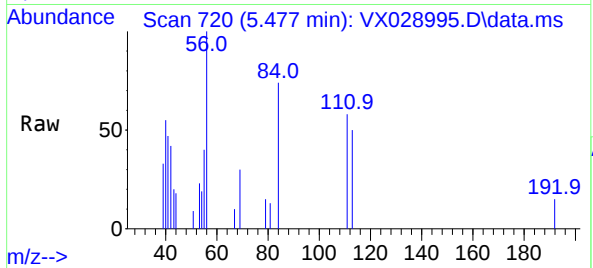




#31
Cyclohexane
Concen: 0.352 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.013 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

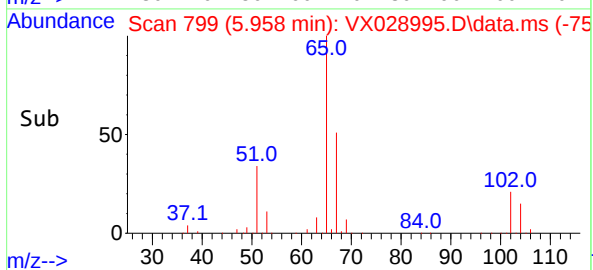
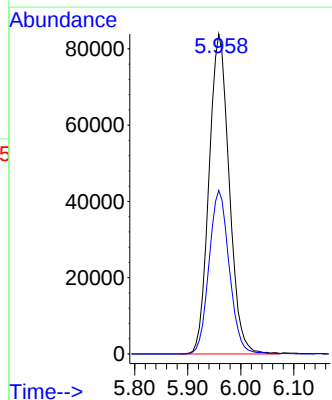
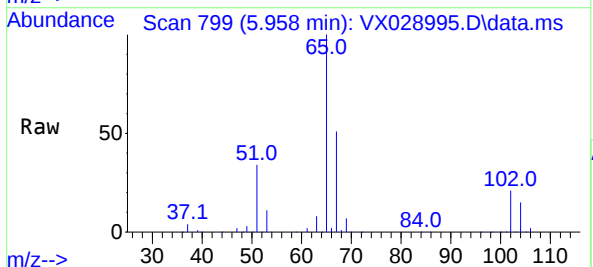
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

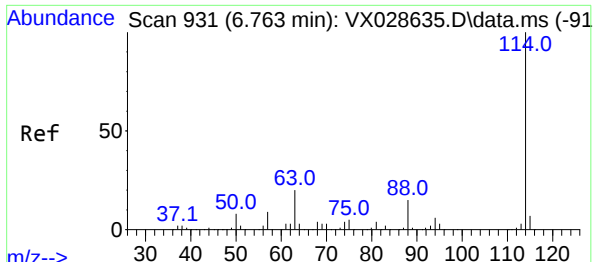
Tgt Ion: 56 Resp: 2243
Ion Ratio Lower Upper
56 100
69 29.9 26.7 40.1
84 73.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.302 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Tgt Ion: 65 Resp: 221800
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.4

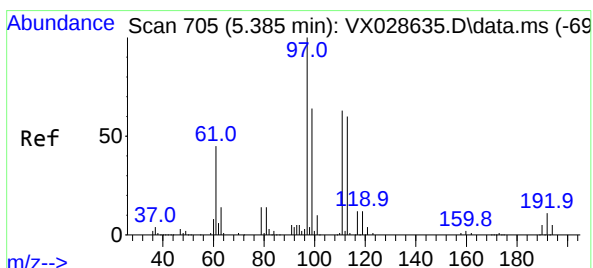
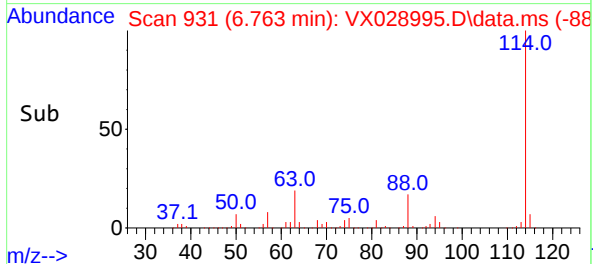
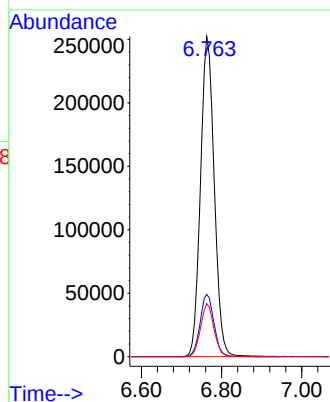
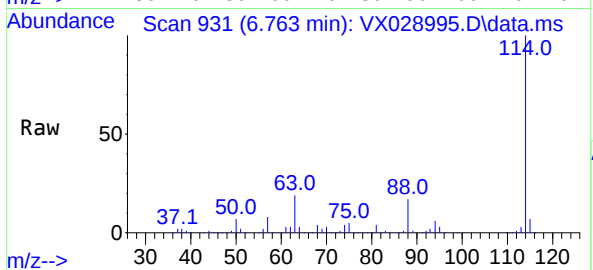




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

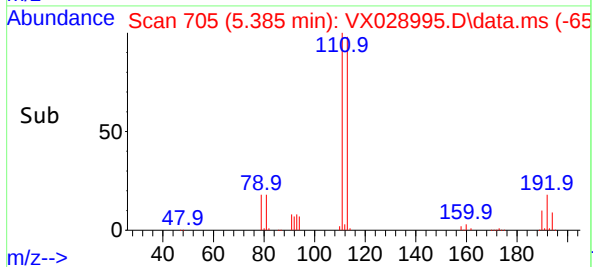
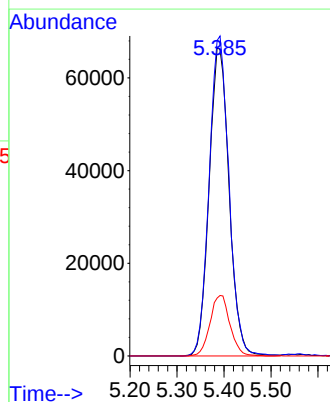
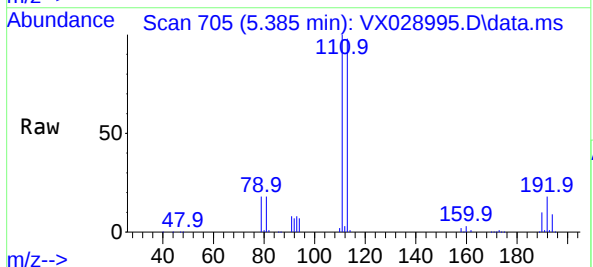
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

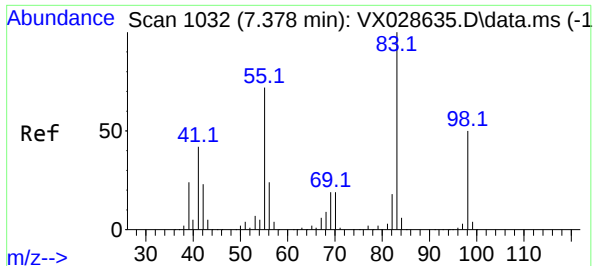
Tgt Ion:114 Resp: 600918
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.816 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Tgt Ion:113 Resp: 196133
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.6 16.9 25.3





#39

Methylcyclohexane

Concen: 0.385 ug/l

RT: 7.373 min Scan# 10

Delta R.T. -0.005 min

Lab File: VX028995.D

Acq: 26 May 2022 13:42

Instrument :

MSVOA_X

ClientSampleId :

MW-08DL

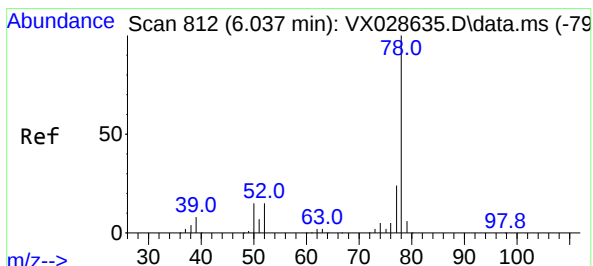
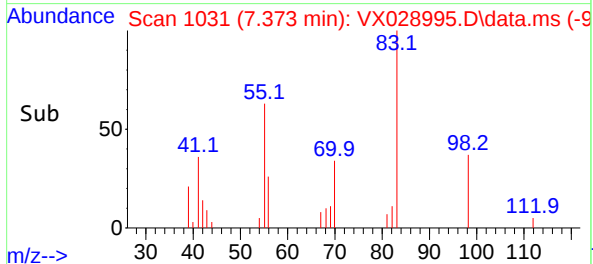
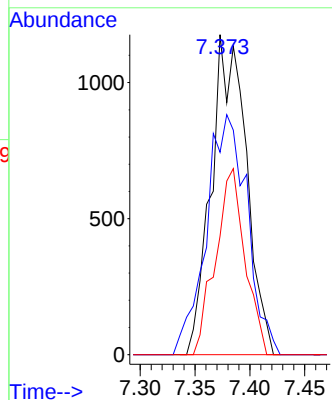
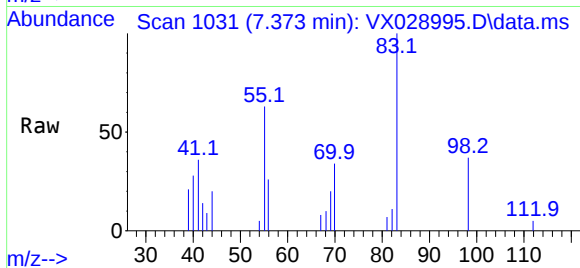
Tgt Ion: 83 Resp: 2614

Ion Ratio Lower Upper

83 100

55 63.3 54.6 81.8

98 37.1 37.4 56.2#



#40

Benzene

Concen: 0.840 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX028995.D

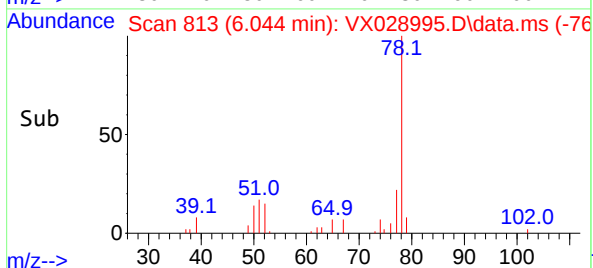
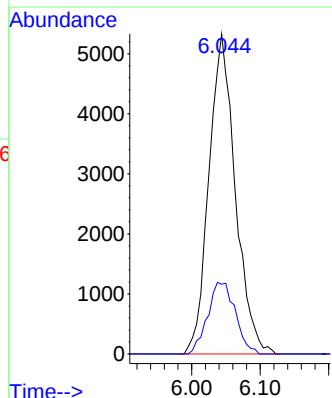
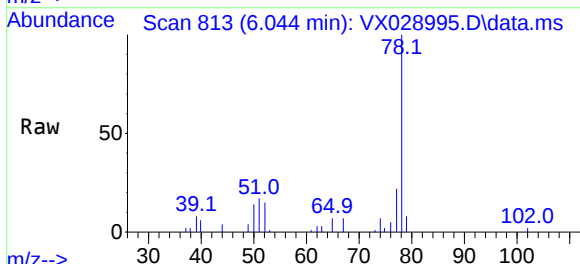
Acq: 26 May 2022 13:42

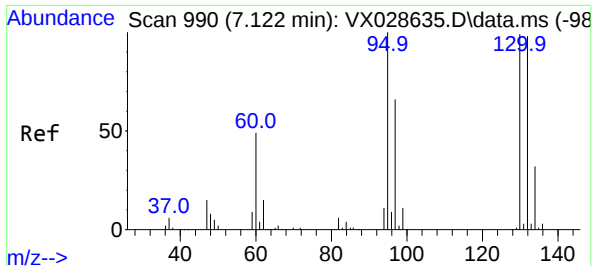
Tgt Ion: 78 Resp: 14268

Ion Ratio Lower Upper

78 100

77 21.8 19.3 28.9

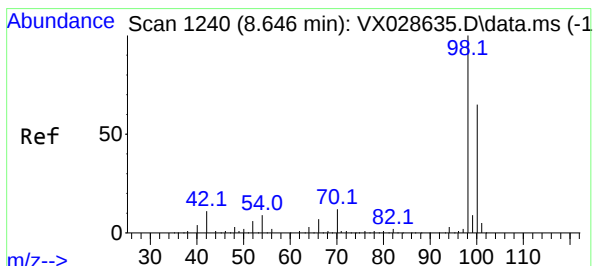
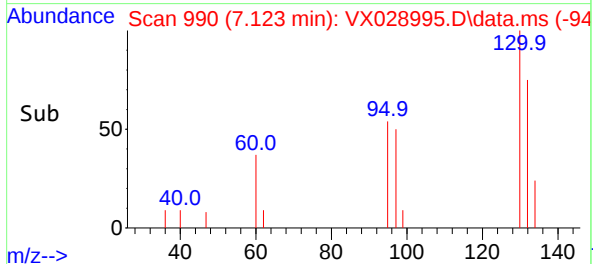
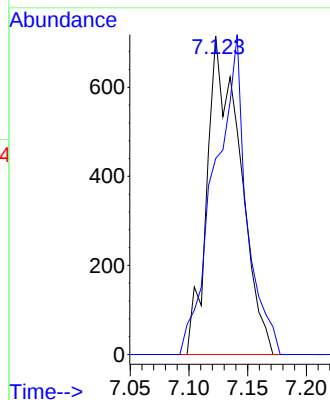
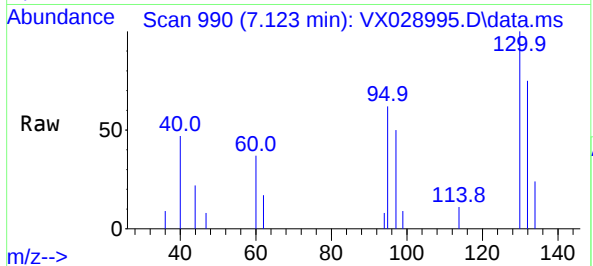




#44
Trichloroethene
Concen: 0.302 ug/l
RT: 7.123 min Scan# 94
Delta R.T. 0.001 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

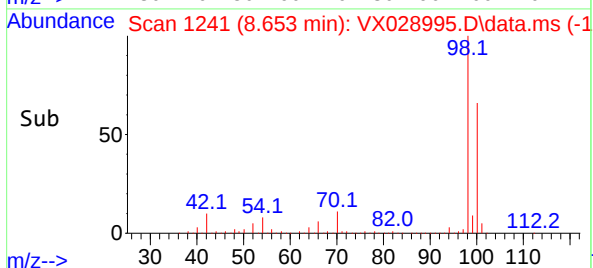
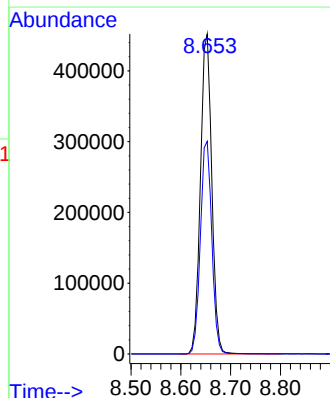
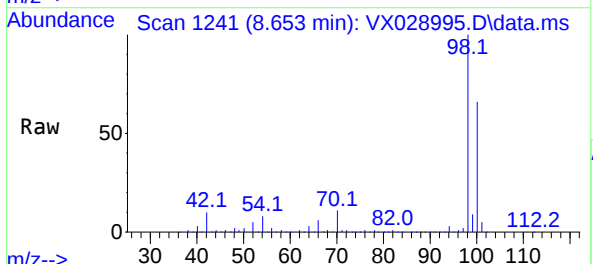
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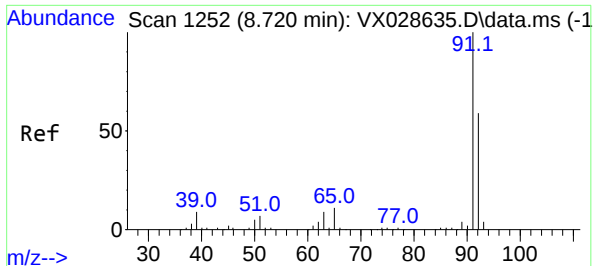
Tgt Ion:130 Resp: 1392
Ion Ratio Lower Upper
130 100
95 61.5 0.0 188.8



#50
Toluene-d8
Concen: 47.970 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Tgt Ion: 98 Resp: 712049
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8

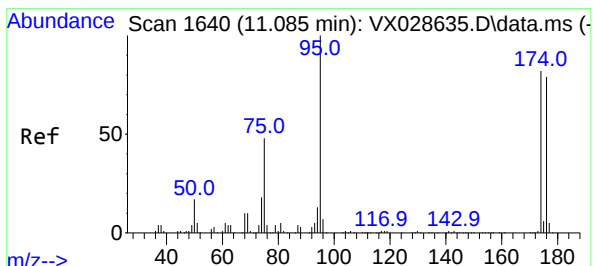
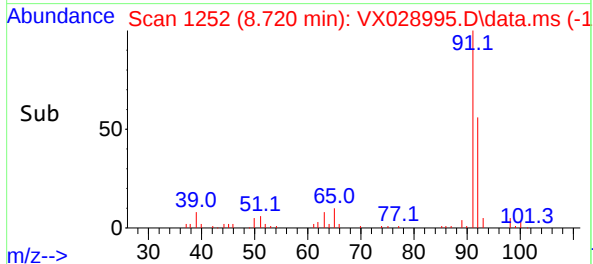
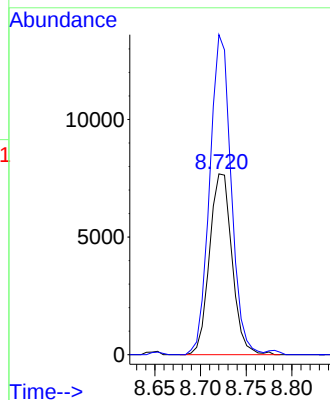
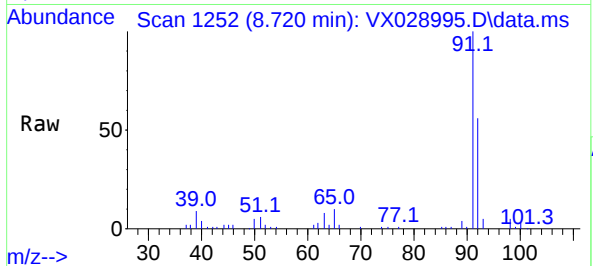




#52
Toluene
Concen: 1.204 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

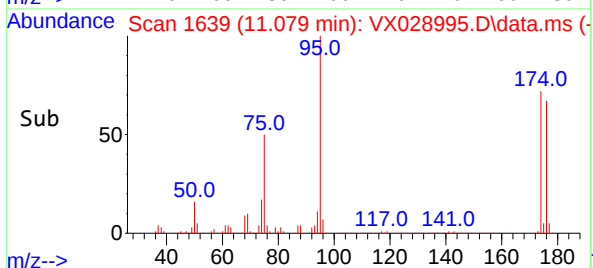
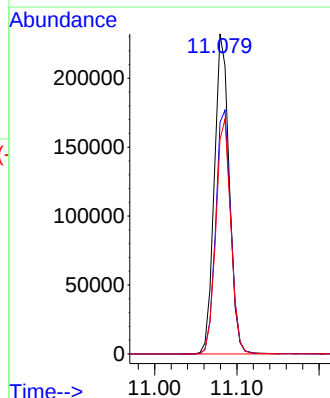
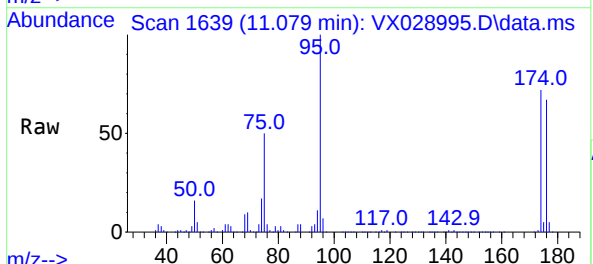
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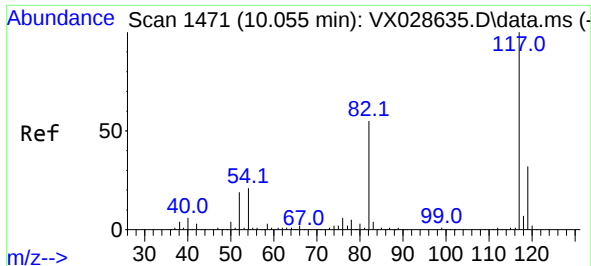
Tgt Ion: 92 Resp: 13160
Ion Ratio Lower Upper
92 100
91 168.4 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 52.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Tgt Ion: 95 Resp: 292057
Ion Ratio Lower Upper
95 100
174 77.4 0.0 163.0
176 73.6 0.0 155.0

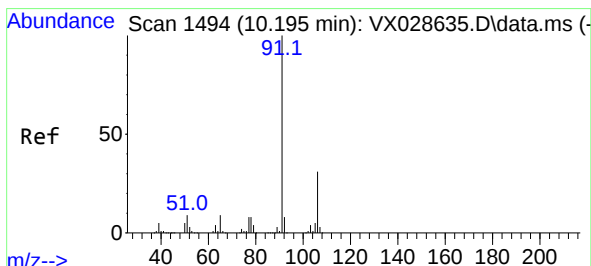
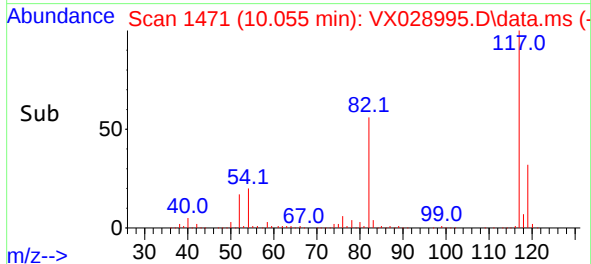
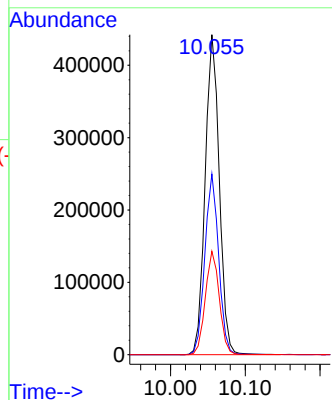
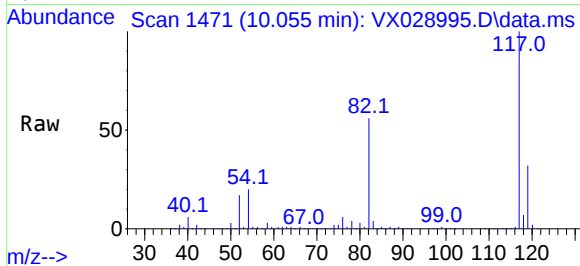




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

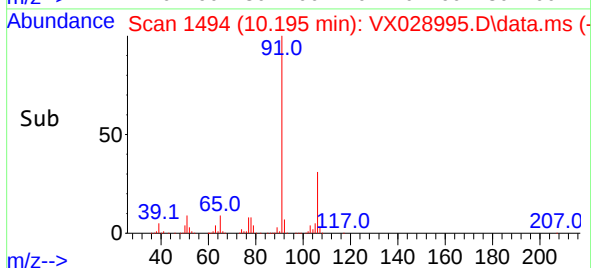
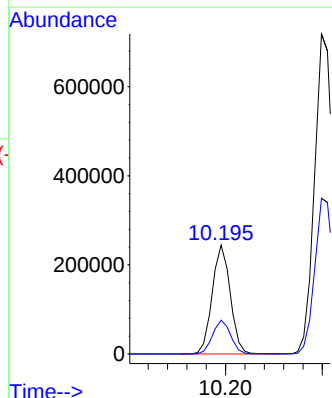
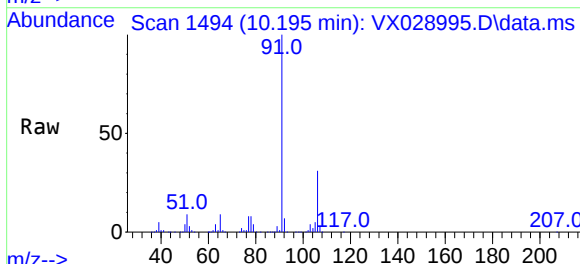
Instrument :
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ClientSampleId :
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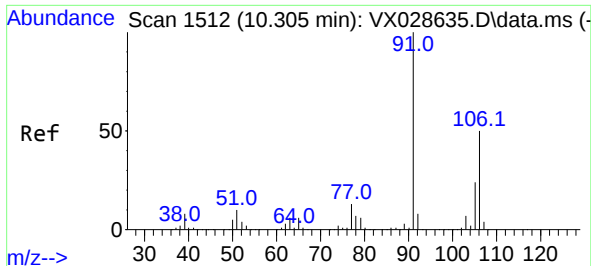
Tgt Ion:117 Resp: 580508
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.3 24.8 37.2



#67
Ethyl Benzene
Concen: 14.378 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Tgt Ion: 91 Resp: 317370
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

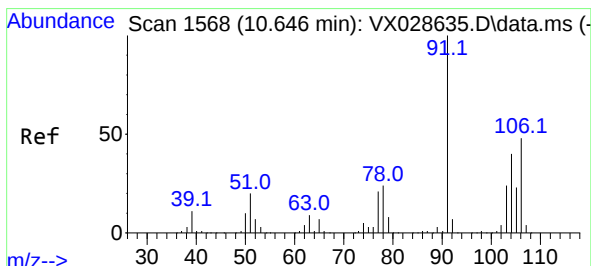
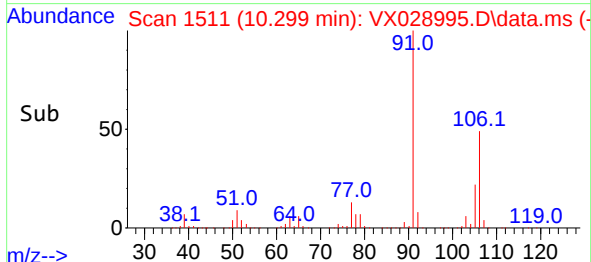
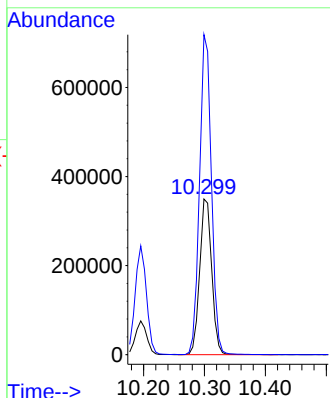
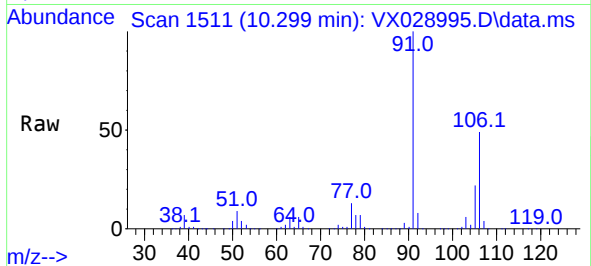




#68
m/p-Xylenes
Concen: 55.845 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

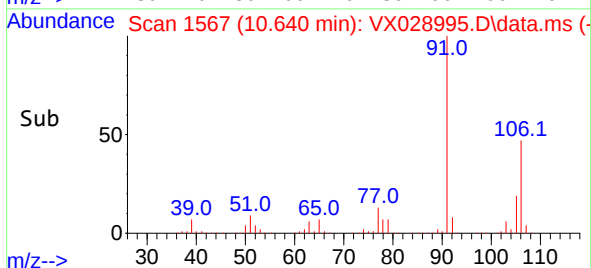
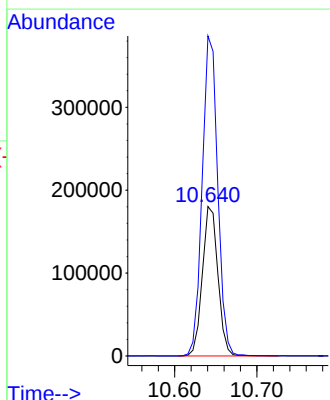
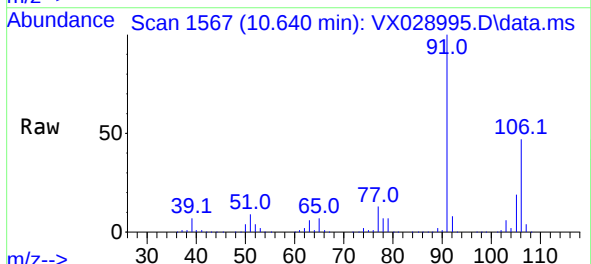
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

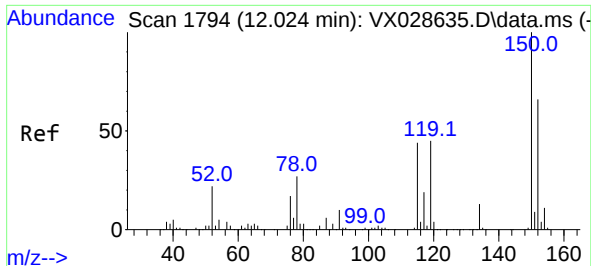
Tgt Ion:106 Resp: 479921
Ion Ratio Lower Upper
106 100
91 203.0 160.4 240.6



#69
o-Xylene
Concen: 27.968 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Tgt Ion:106 Resp: 236643
Ion Ratio Lower Upper
106 100
91 214.1 106.1 318.1

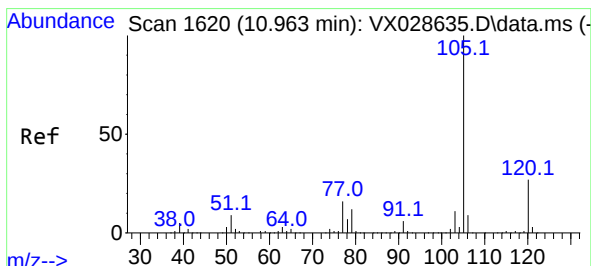
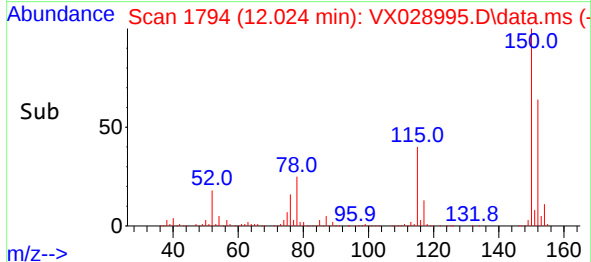
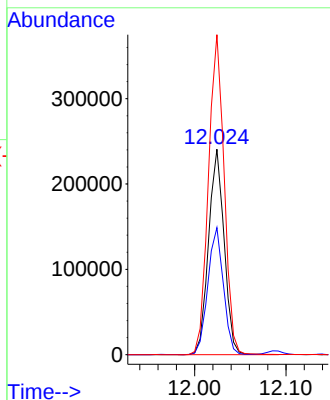
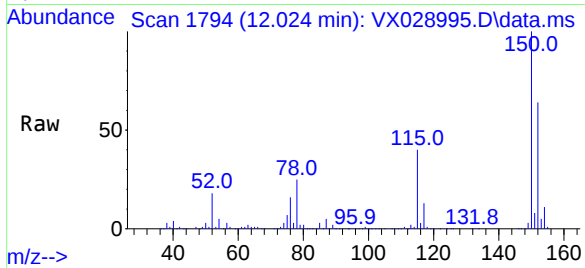




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

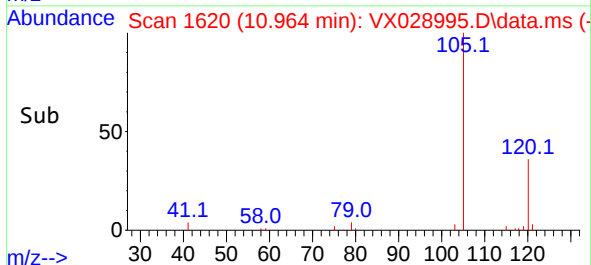
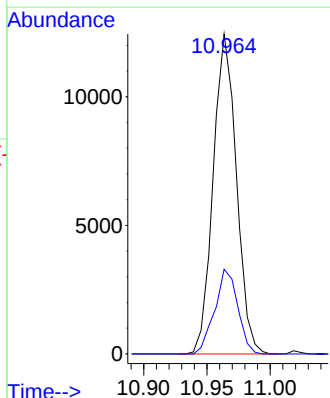
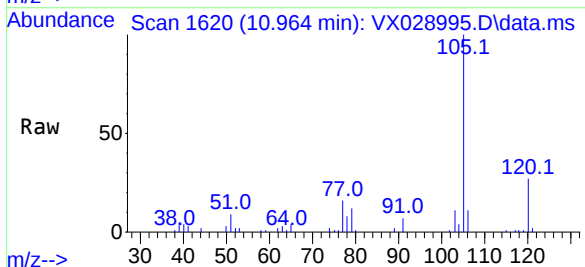
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

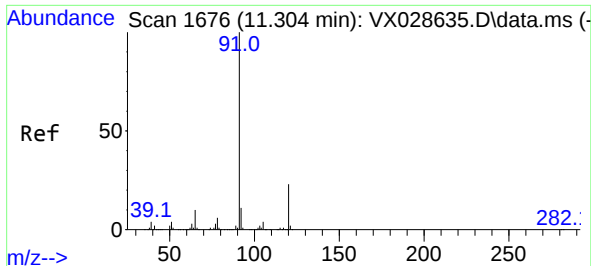
Tgt Ion:152 Resp: 284716
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 157.0 0.0 338.2



#73
Isopropylbenzene
Concen: 0.735 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Tgt Ion:105 Resp: 15866
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5

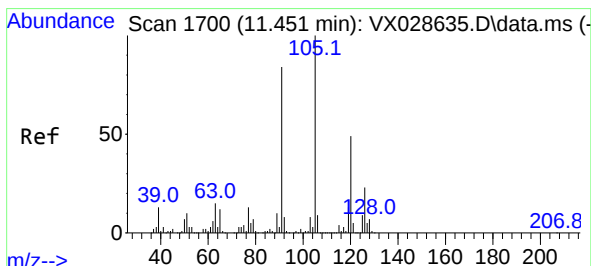
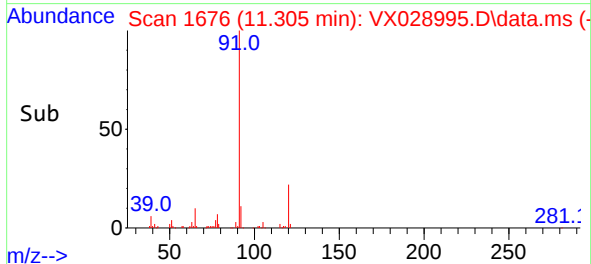
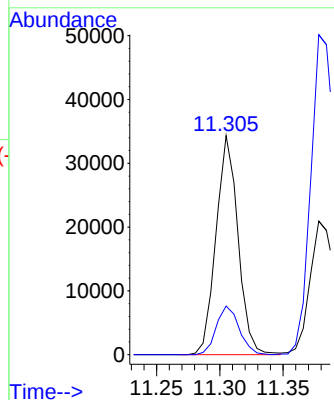
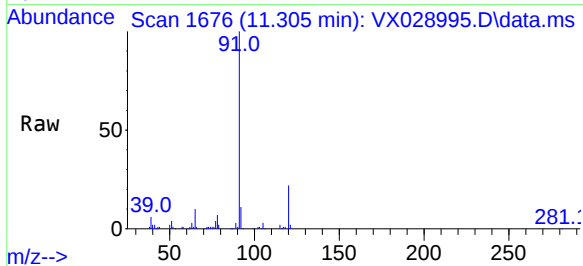




#78
n-propylbenzene
Concen: 1.662 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

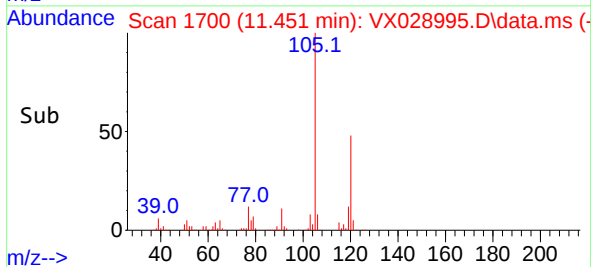
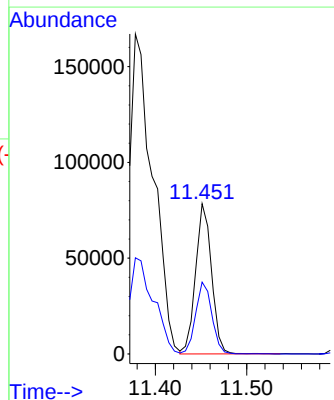
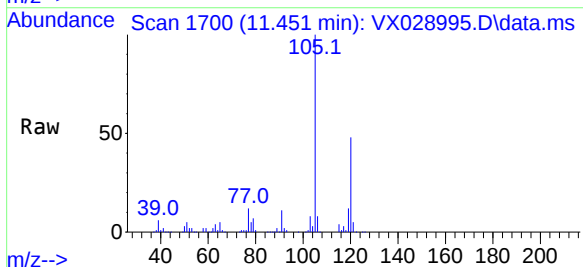
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

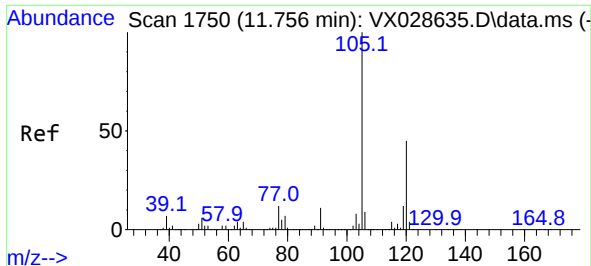
Tgt Ion: 91 Resp: 41517
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 5.300 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Tgt Ion: 105 Resp: 95347
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9

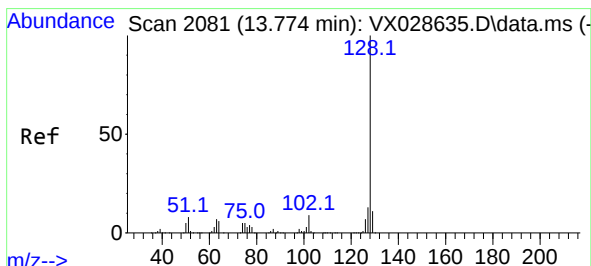
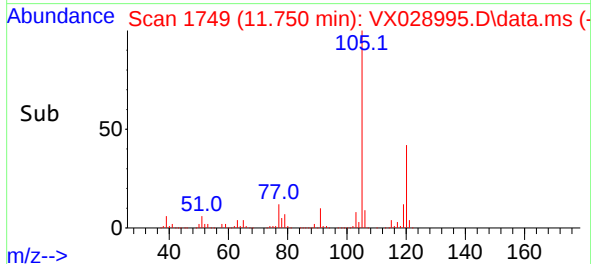
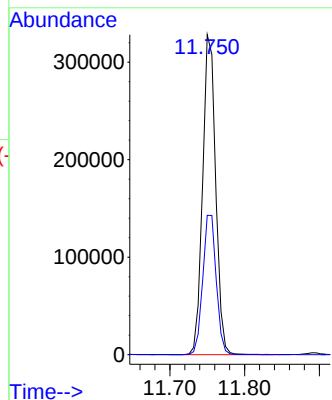
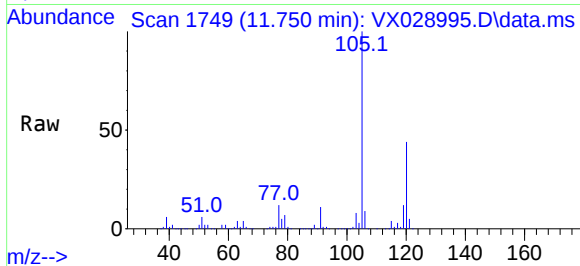




#84
1,2,4-Trimethylbenzene
Concen: 22.027 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

Tgt Ion:105 Resp: 397401
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8



#95
Naphthalene
Concen: 6.360 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX028995.D
Acq: 26 May 2022 13:42

Tgt Ion:128 Resp: 128669
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.7 13.1

