

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025442.D
 Acq On : 02 Dec 2021 20:38
 Operator : JC/MD
 Sample : M4917-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: Dec 03 03:12:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

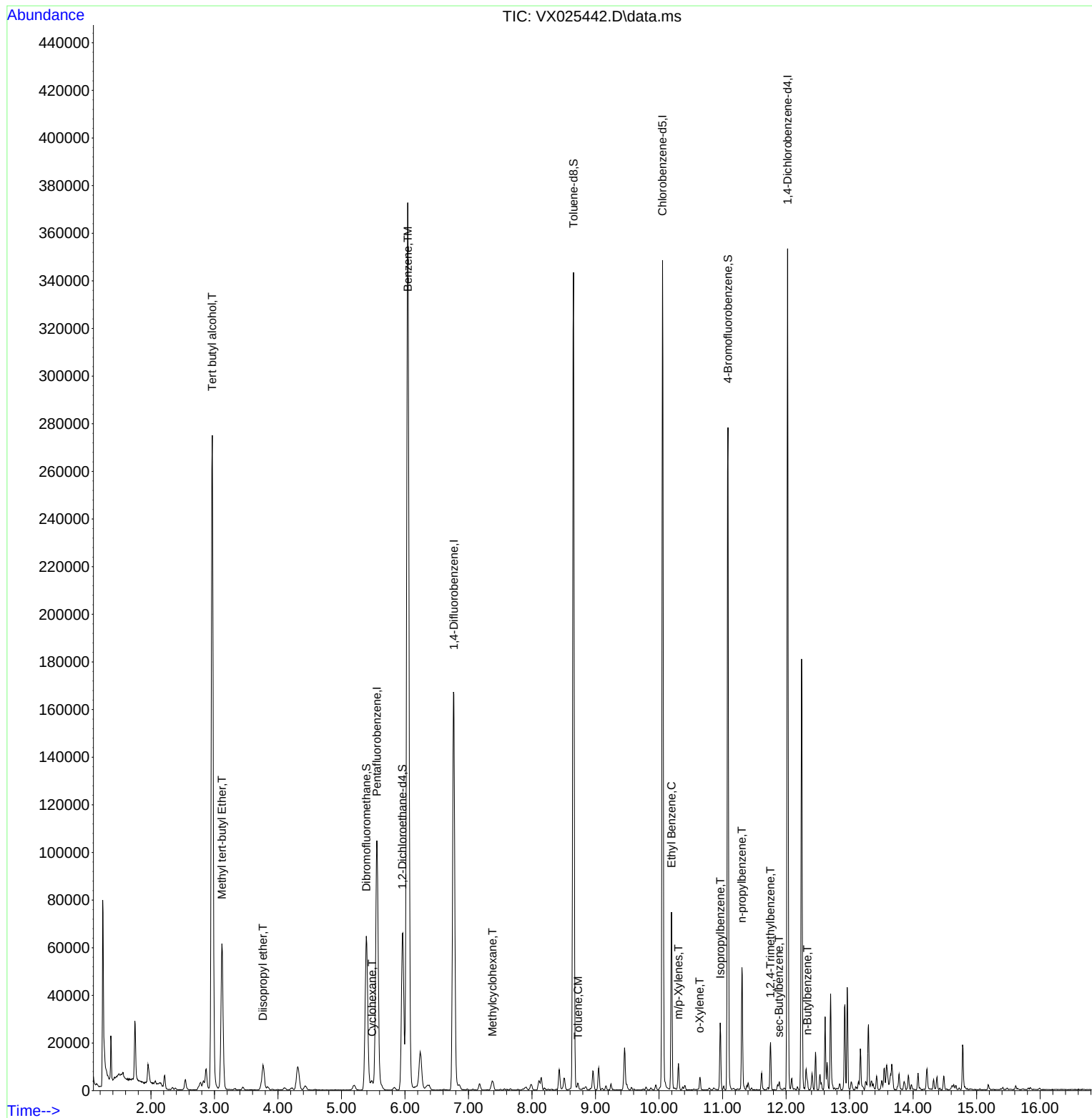
Internal Standards						
1) Pentafluorobenzene	5.556	168	107302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	182897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62332	55.11	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.22%
35) Dibromofluoromethane	5.391	113	55708	49.64	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.28%
50) Toluene-d8	8.653	98	208946	49.52	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.04%
62) 4-Bromofluorobenzene	11.085	95	73584	46.10	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.20%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	331994	1221.38	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	67974	19.62	ug/l	96
22) Diisopropyl ether	3.763	45	10896	3.18	ug/l #	81
31) Cyclohexane	5.482	56	2809	1.61	ug/l	94
39) Methylcyclohexane	7.378	83	1673	0.82	ug/l	96
40) Benzene	6.043	78	457817	94.71	ug/l	99
52) Toluene	8.726	92	1045	0.33	ug/l	99
67) Ethyl Benzene	10.195	91	42633	7.46	ug/l	98
68) m/p-Xylenes	10.305	106	2699	1.16	ug/l	97
69) o-Xylene	10.640	106	1287	0.56	ug/l	98
73) Isopropylbenzene	10.963	105	14300	2.70	ug/l	95
78) n-propylbenzene	11.305	91	30129	5.06	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	8839	2.01	ug/l	96
85) sec-Butylbenzene	11.890	105	1958	0.36	ug/l #	66
89) n-Butylbenzene	12.335	91	2318	0.58	ug/l #	56

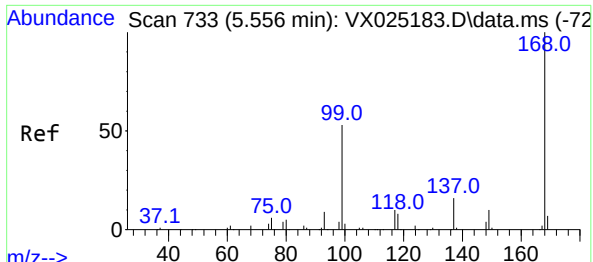
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025442.D
Acq On : 02 Dec 2021 20:38
Operator : JC/MD
Sample : M4917-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-28

Quant Time: Dec 03 03:12:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

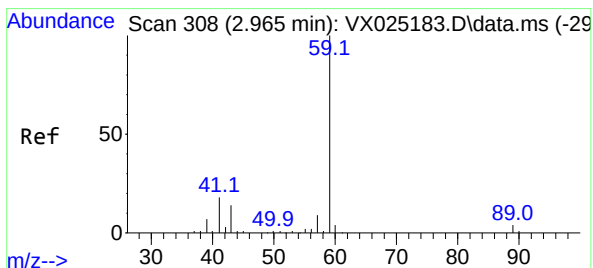
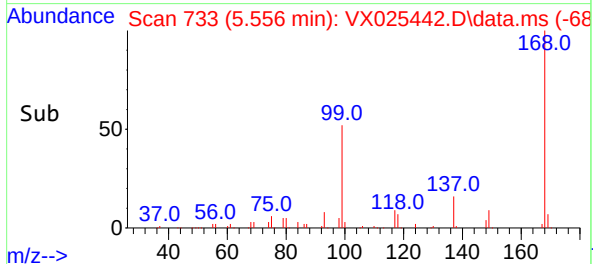
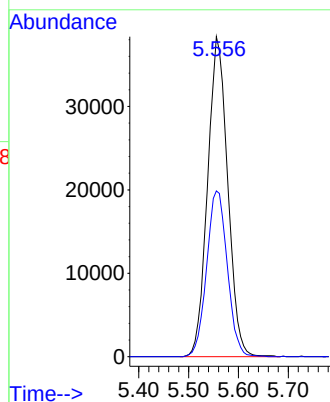
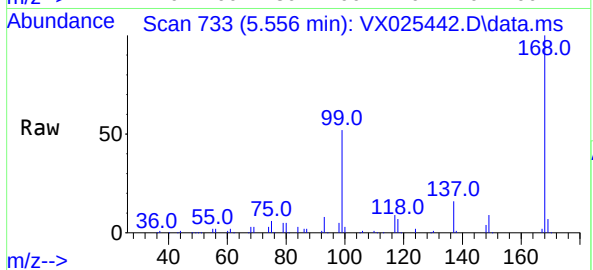




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

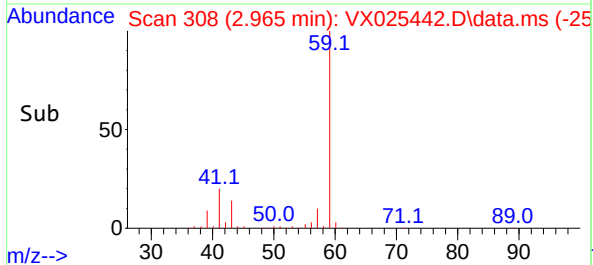
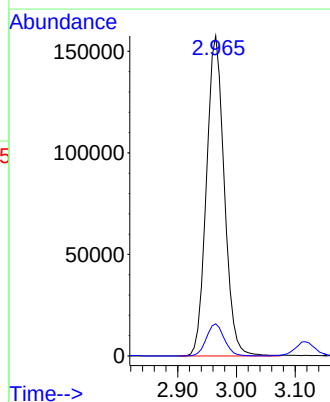
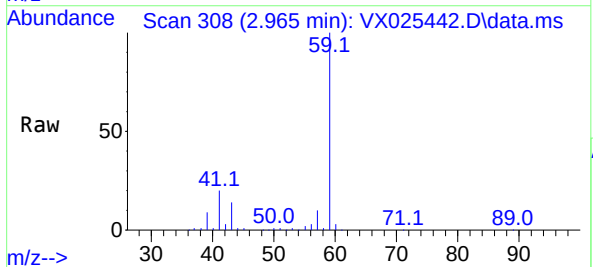
Instrument :
MSVOA_X
ClientSampleId :
MW-28

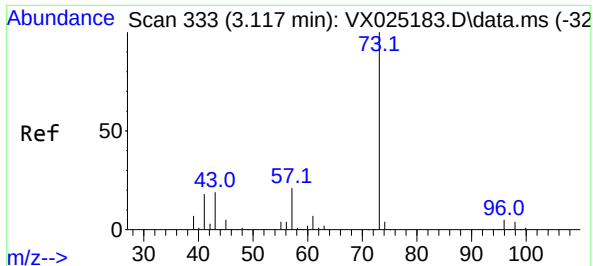
Tgt Ion:168 Resp: 107302
Ion Ratio Lower Upper
168 100
99 51.8 46.4 69.6



#11
Tert butyl alcohol
Concen: 1221.38 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

Tgt Ion: 59 Resp: 331994
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

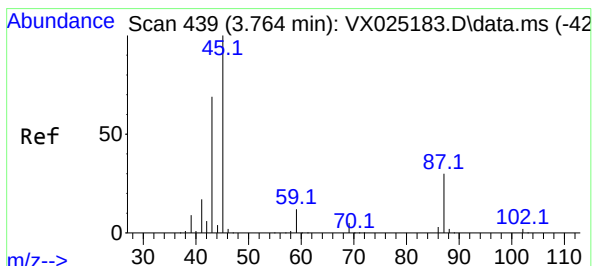
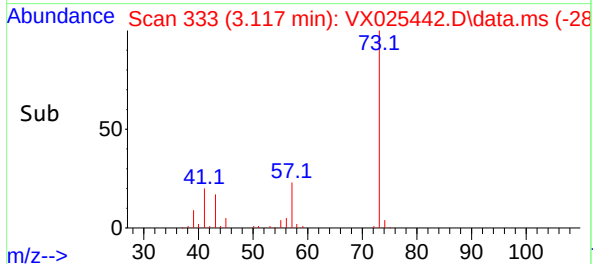
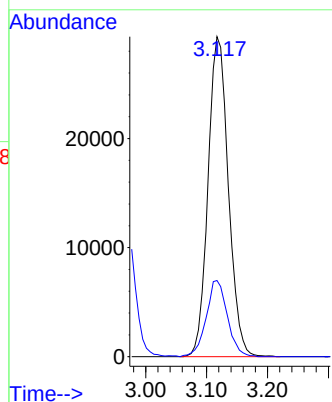
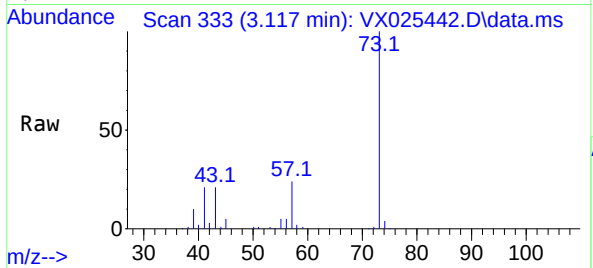




#19
Methyl tert-butyl Ether
Concen: 19.62 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

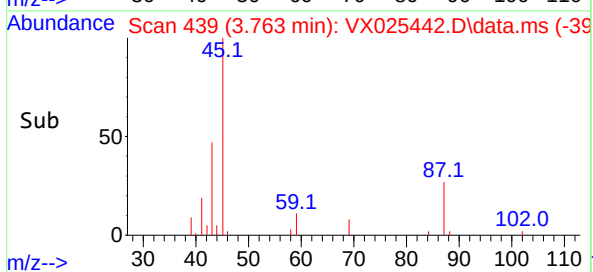
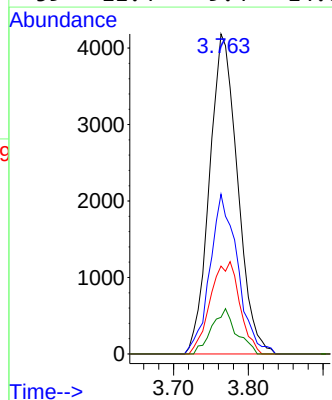
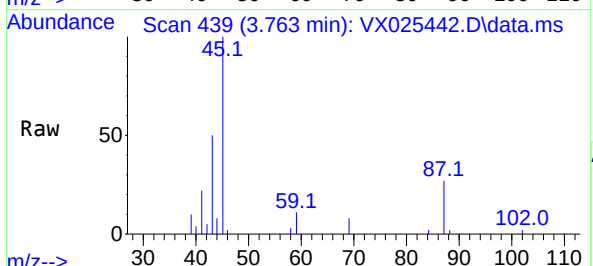
Instrument :
MSVOA_X
ClientSampleId :
MW-28

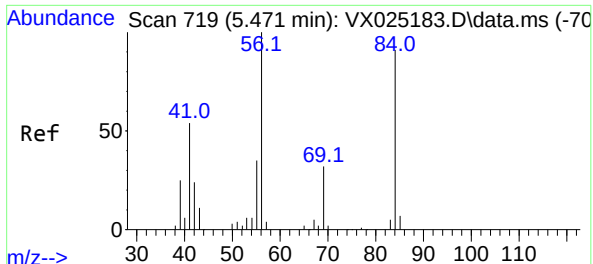
Tgt Ion: 73 Resp: 67974
Ion Ratio Lower Upper
73 100
57 23.8 17.5 26.3



#22
Diisopropyl ether
Concen: 3.18 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

Tgt Ion: 45 Resp: 10896
Ion Ratio Lower Upper
45 100
43 49.9 58.3 87.5#
87 27.5 23.7 35.5
59 11.4 9.4 14.0



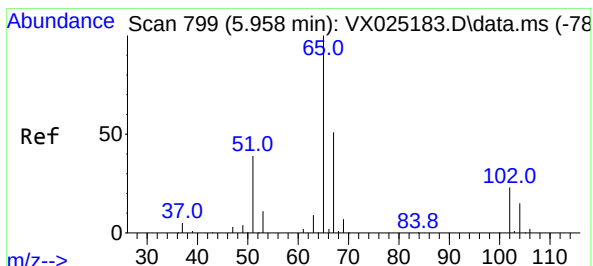
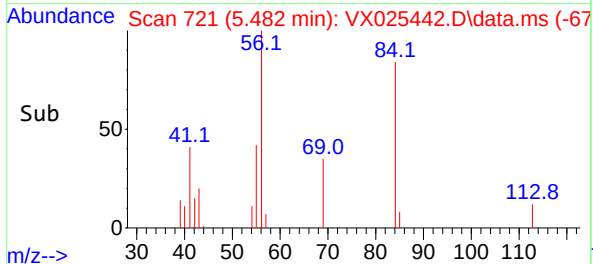
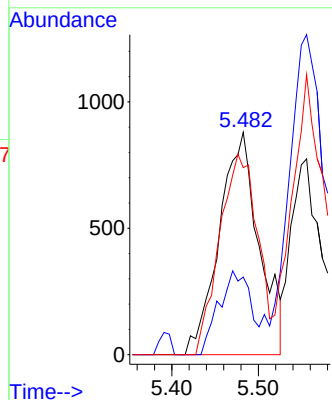
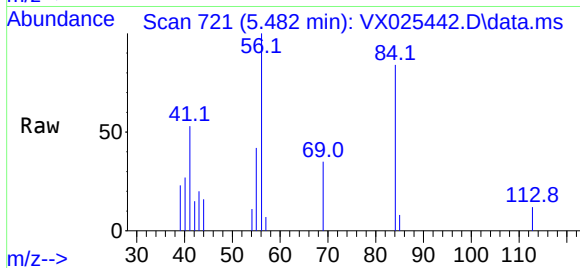


#31
Cyclohexane
Concen: 1.61 ug/l
RT: 5.482 min Scan# 719
Delta R.T. 0.011 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

Instrument :
MSVOA_X
ClientSampleId :
MW-28

Tgt Ion: 56 Resp: 2809

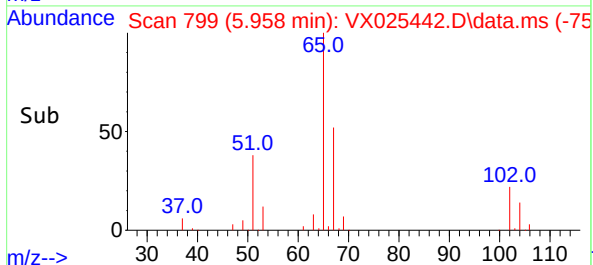
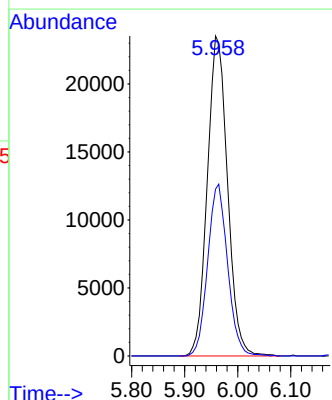
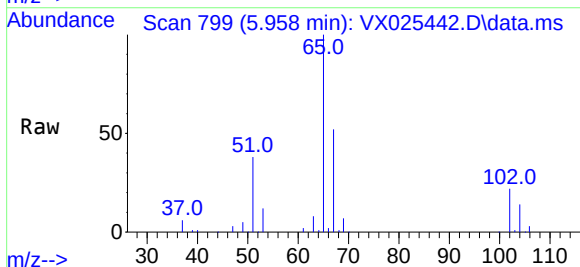
Ion	Ratio	Lower	Upper
56	100		
69	34.9	24.2	36.2
84	84.1	71.5	107.3

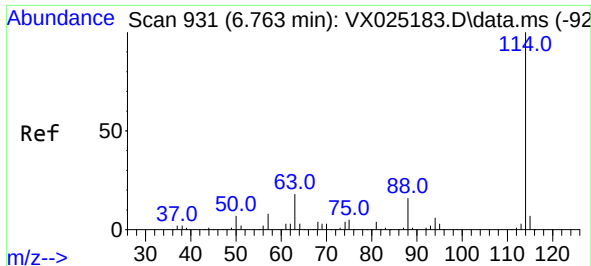


#33
1,2-Dichloroethane-d4
Concen: 55.11 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

Tgt Ion: 65 Resp: 62332

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	101.0

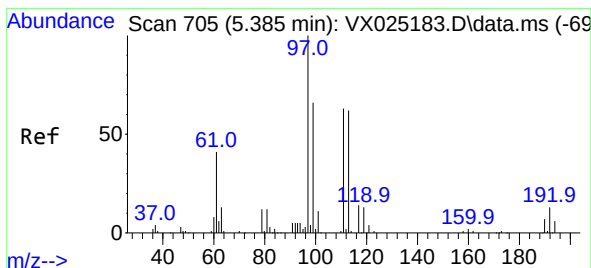
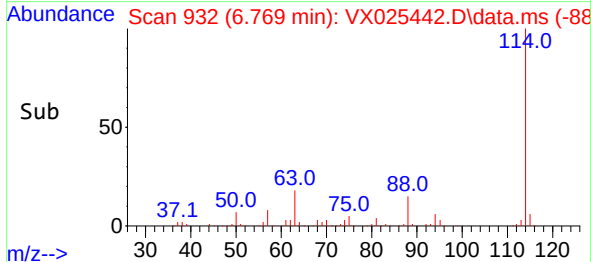
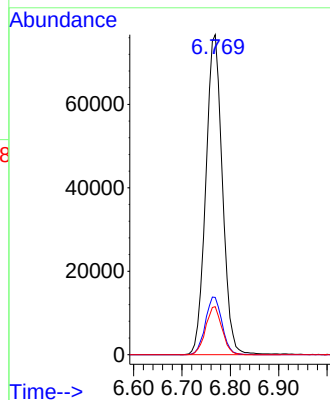
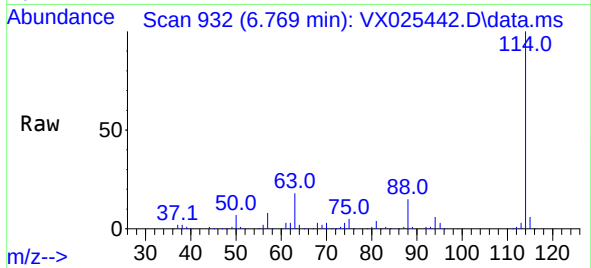




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

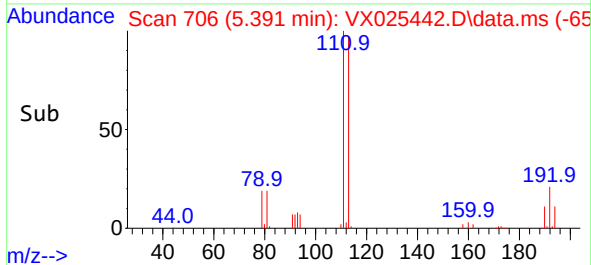
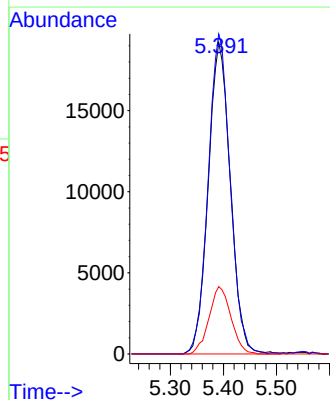
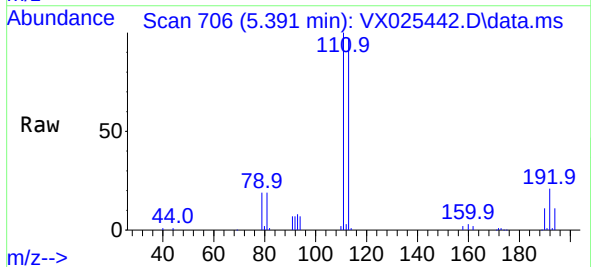
Instrument :
MSVOA_X
ClientSampleId :
MW-28

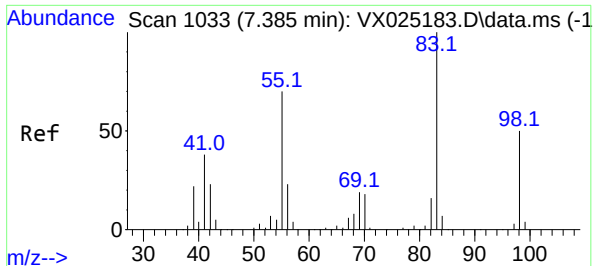
Tgt Ion:114 Resp: 182897
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.0
88 15.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.64 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

Tgt Ion:113 Resp: 55708
Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 21.4 15.6 23.4





#39

Methylcyclohexane

Concen: 0.82 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.007 min

Lab File: VX025442.D

Acq: 02 Dec 2021 20:38

Instrument :

MSVOA_X

ClientSampleId :

MW-28

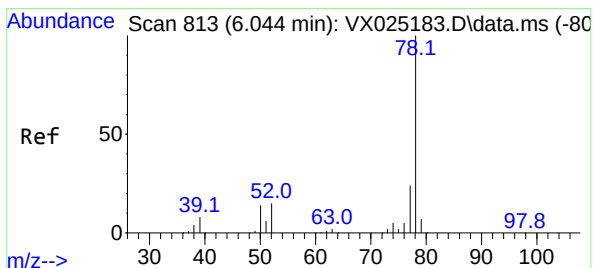
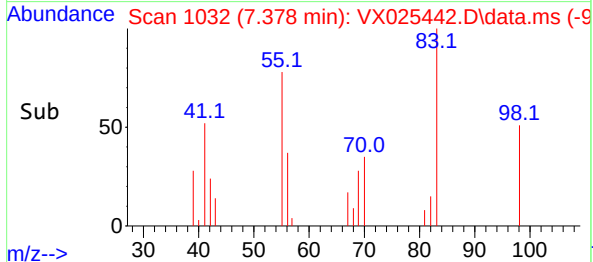
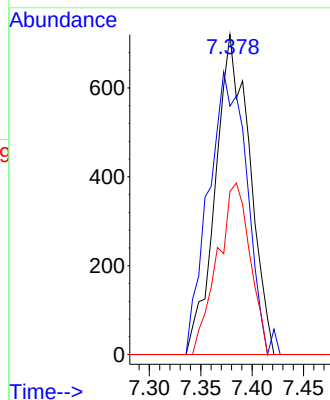
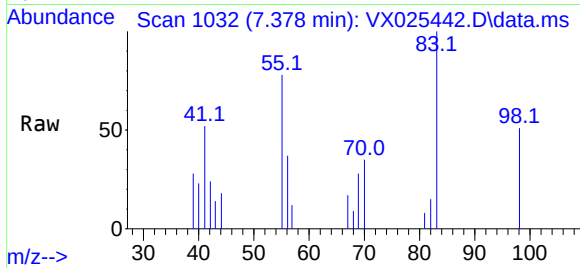
Tgt Ion: 83 Resp: 1673

Ion Ratio Lower Upper

83 100

55 77.6 60.8 91.2

98 51.0 37.0 55.4



#40

Benzene

Concen: 94.71 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX025442.D

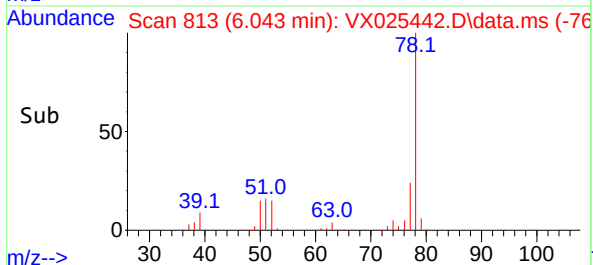
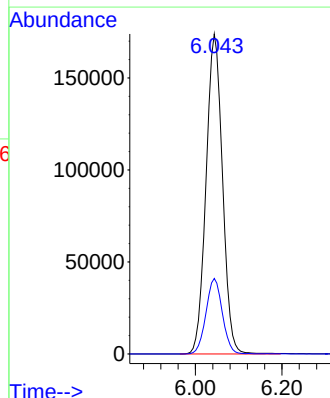
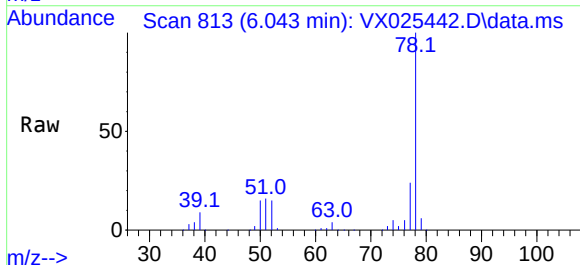
Acq: 02 Dec 2021 20:38

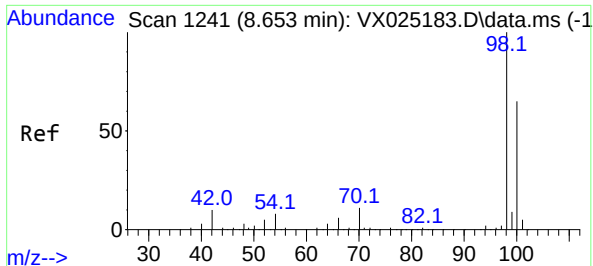
Tgt Ion: 78 Resp: 457817

Ion Ratio Lower Upper

78 100

77 23.6 18.3 27.5

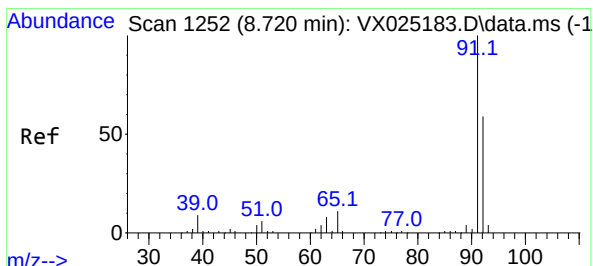
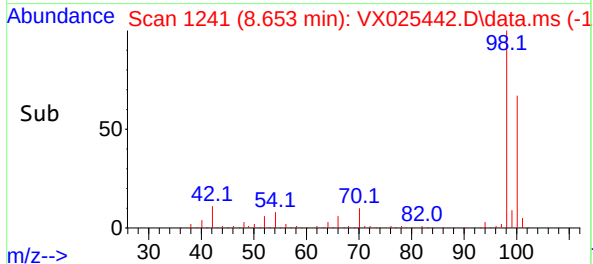
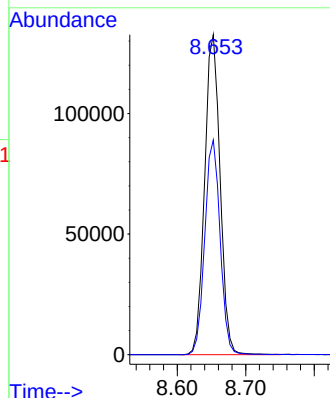
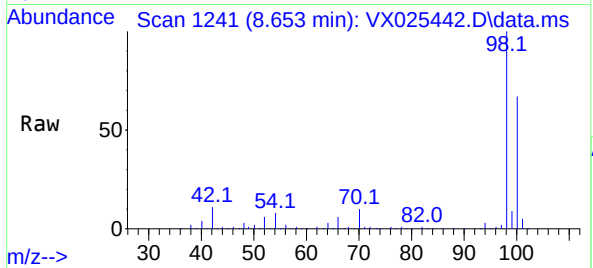




#50
Toluene-d8
Concen: 49.52 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

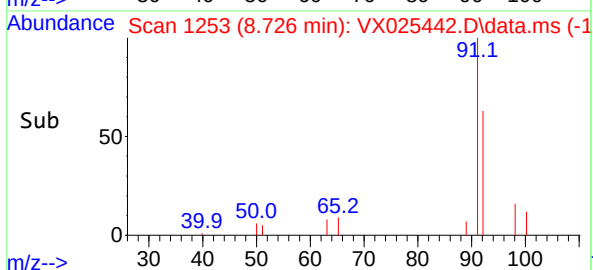
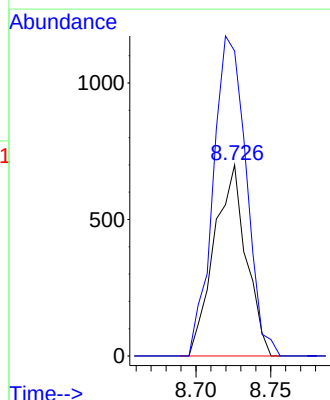
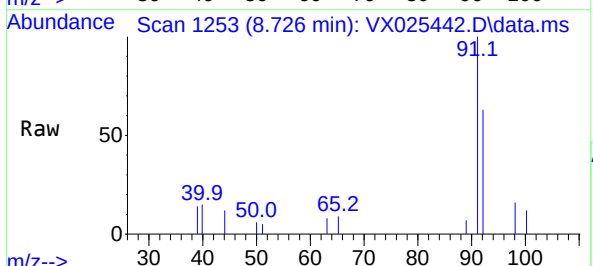
Instrument :
MSVOA_X
ClientSampleId :
MW-28

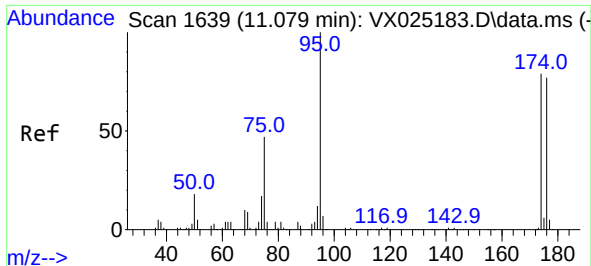
Tgt Ion: 98 Resp: 208946
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.0



#52
Toluene
Concen: 0.33 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

Tgt Ion: 92 Resp: 1045
Ion Ratio Lower Upper
92 100
91 172.4 138.6 208.0

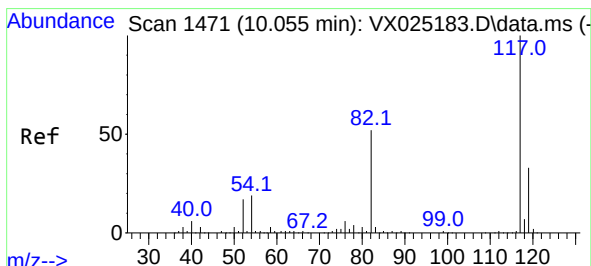
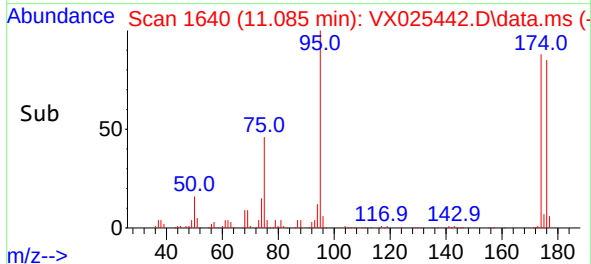
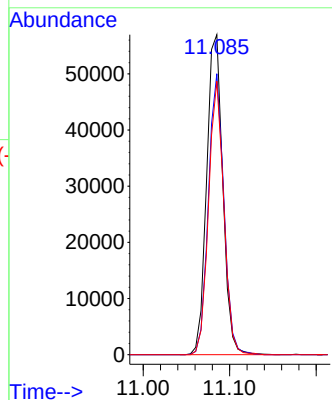
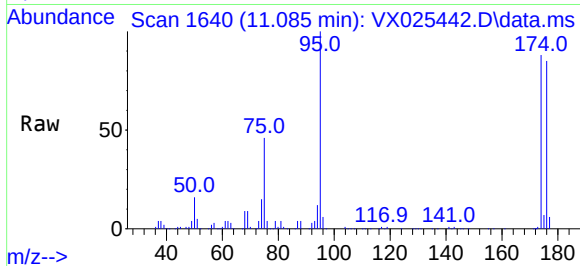




#62
4-Bromofluorobenzene
Concen: 46.10 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

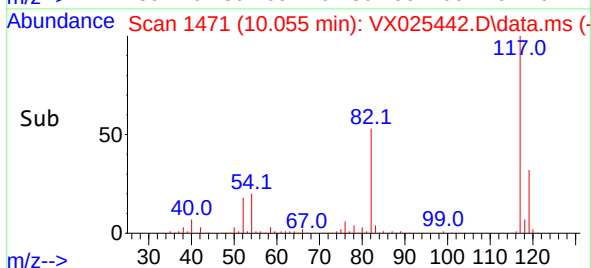
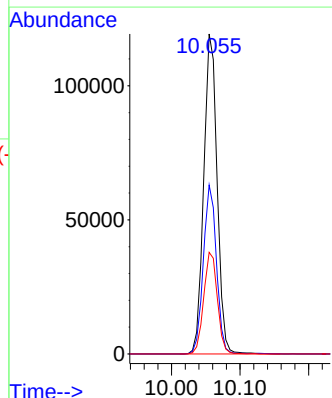
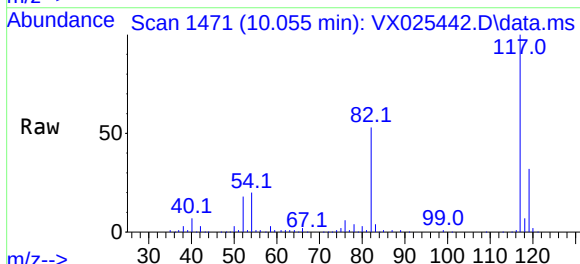
Instrument :
MSVOA_X
ClientSampleId :
MW-28

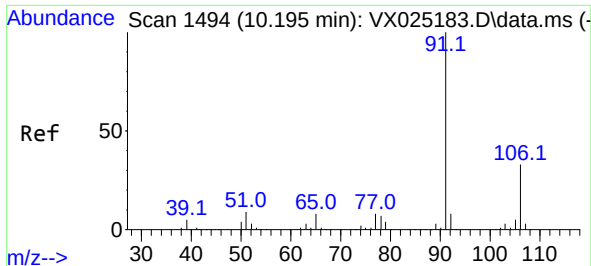
Tgt Ion: 95 Resp: 73584
Ion Ratio Lower Upper
95 100
174 84.4 0.0 158.0
176 81.0 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

Tgt Ion: 117 Resp: 162382
Ion Ratio Lower Upper
117 100
82 52.8 44.6 67.0
119 31.8 24.8 37.2





#67

Ethyl Benzene

Concen: 7.46 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025442.D

Acq: 02 Dec 2021 20:38

Instrument :

MSVOA_X

ClientSampleId :

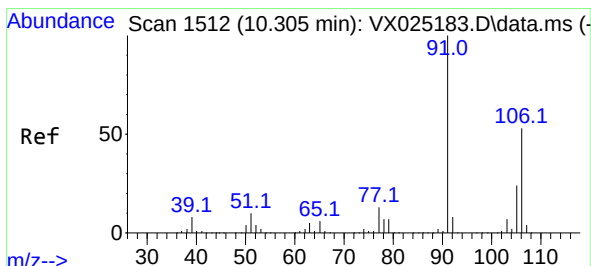
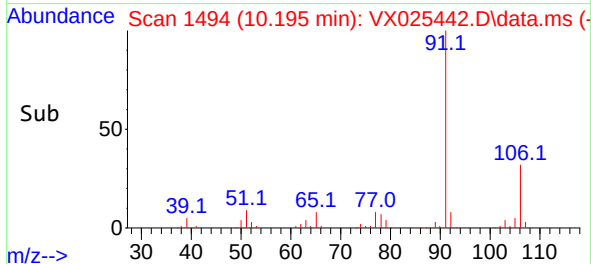
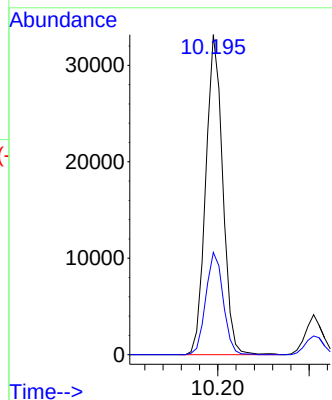
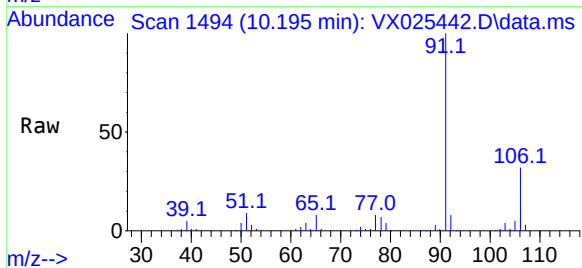
MW-28

Tgt Ion: 91 Resp: 42633

Ion Ratio Lower Upper

91 100

106 32.0 24.7 37.1



#68

m/p-Xylenes

Concen: 1.16 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025442.D

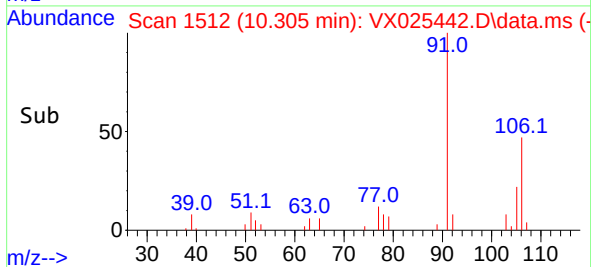
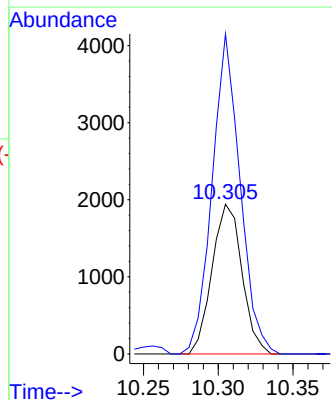
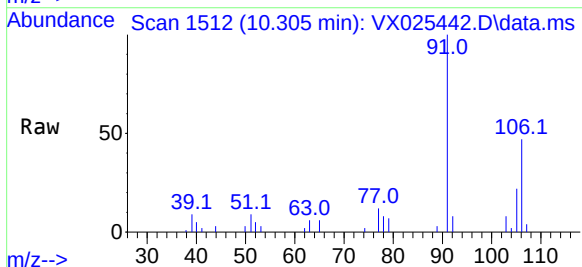
Acq: 02 Dec 2021 20:38

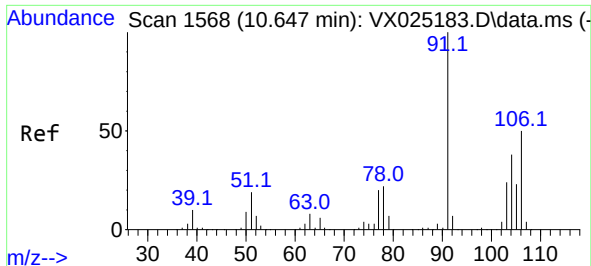
Tgt Ion:106 Resp: 2699

Ion Ratio Lower Upper

106 100

91 199.6 163.4 245.0

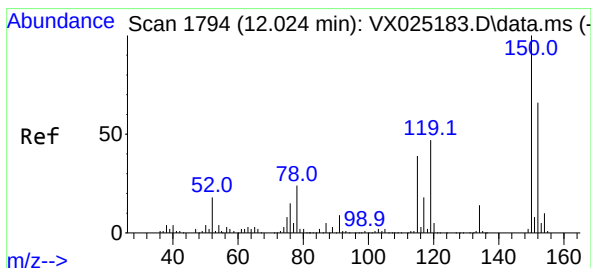
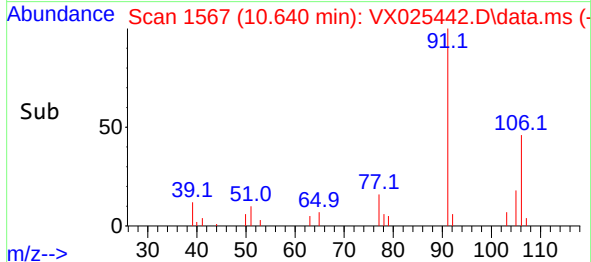
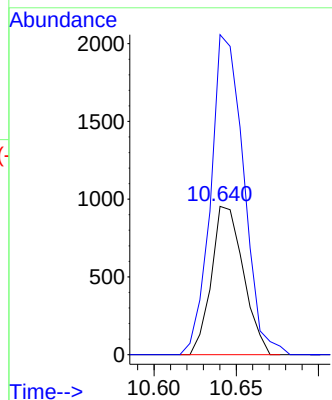
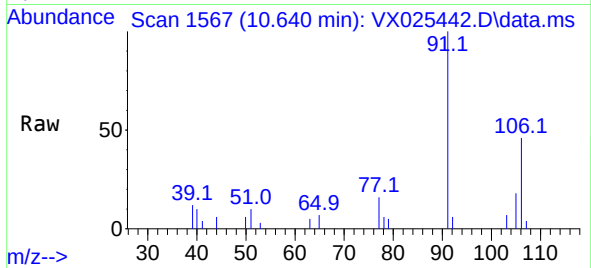




#69
o-Xylene
Concen: 0.56 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

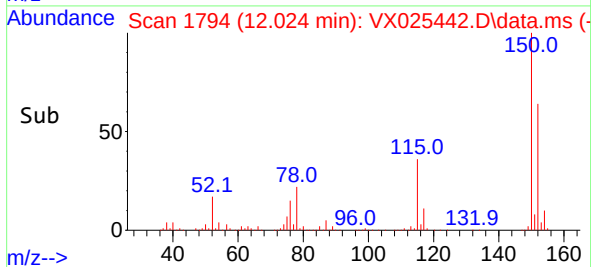
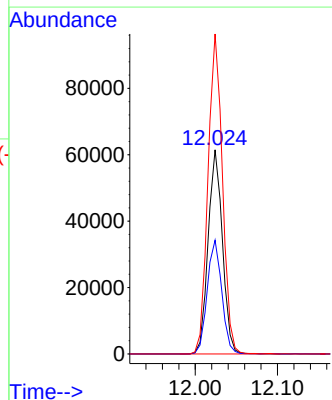
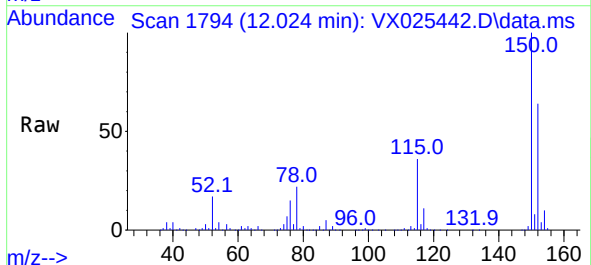
Instrument :
MSVOA_X
ClientSampleId :
MW-28

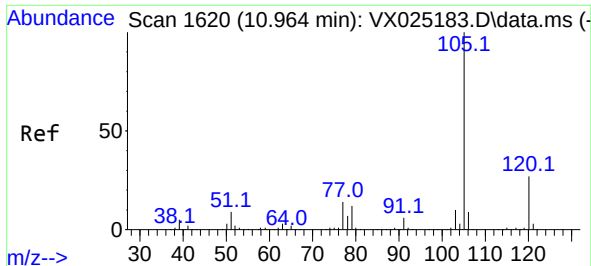
Tgt Ion:106 Resp: 1287
Ion Ratio Lower Upper
106 100
91 222.5 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

Tgt Ion:152 Resp: 74358
Ion Ratio Lower Upper
152 100
115 56.6 43.3 129.8
150 157.8 0.0 351.2

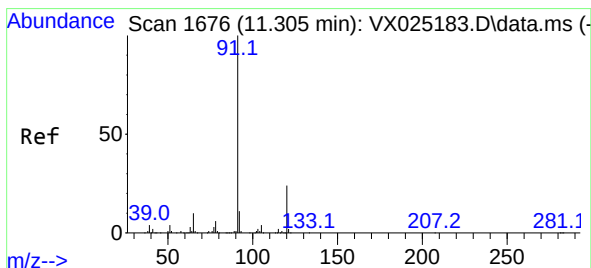
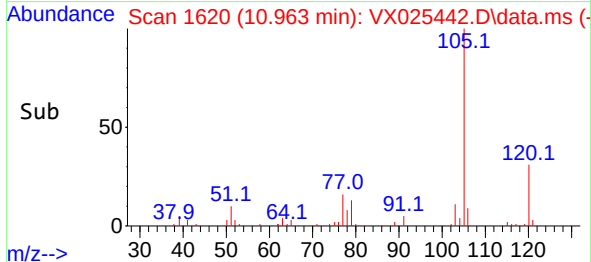
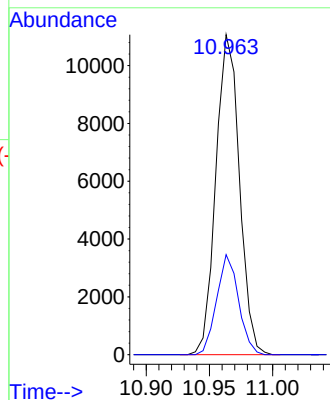
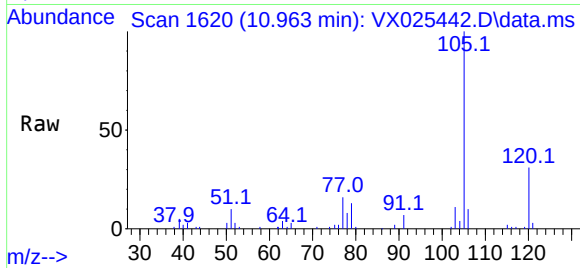




#73
Isopropylbenzene
Concen: 2.70 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

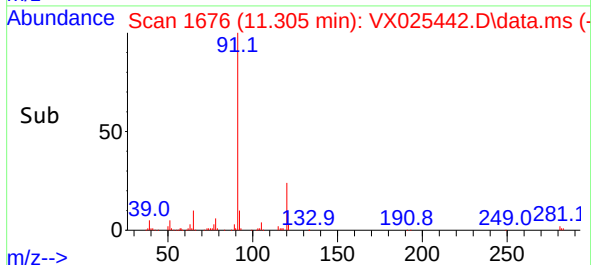
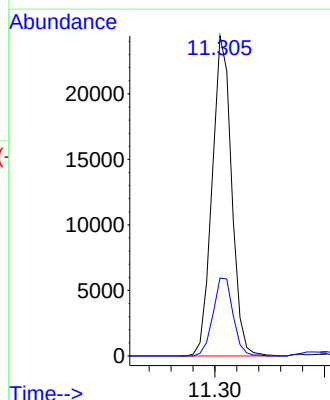
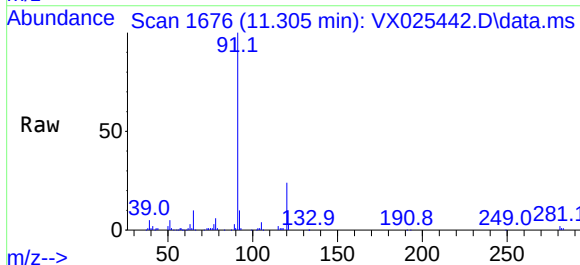
Instrument :
MSVOA_X
ClientSampleId :
MW-28

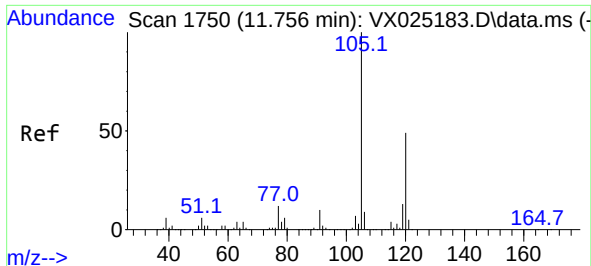
Tgt Ion:105 Resp: 14300
Ion Ratio Lower Upper
105 100
120 29.0 13.3 39.8



#78
n-propylbenzene
Concen: 5.06 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

Tgt Ion: 91 Resp: 30129
Ion Ratio Lower Upper
91 100
120 25.1 11.7 35.0

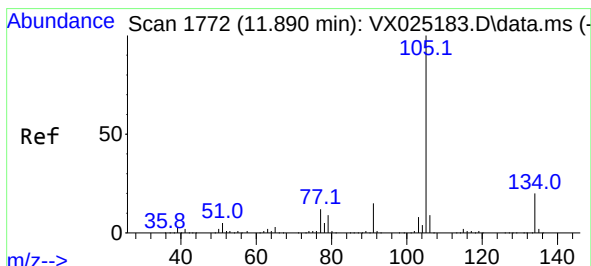
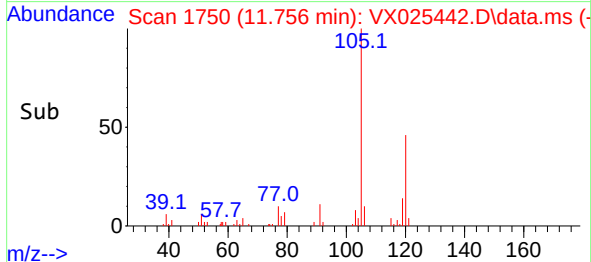
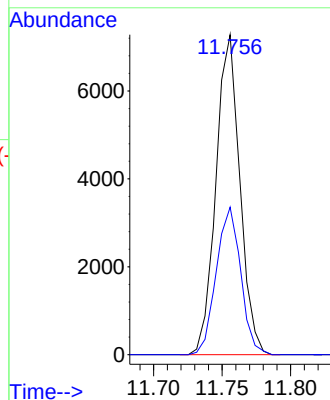
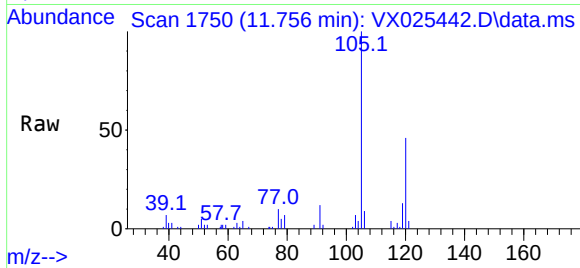




#84
1,2,4-Trimethylbenzene
Concen: 2.01 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. -0.000 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

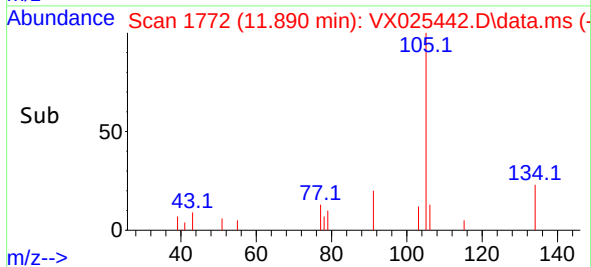
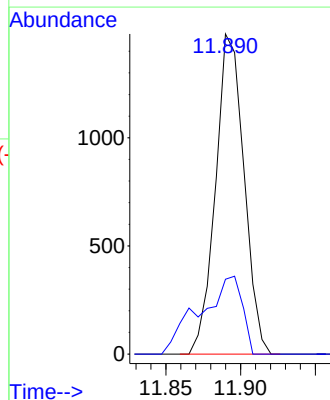
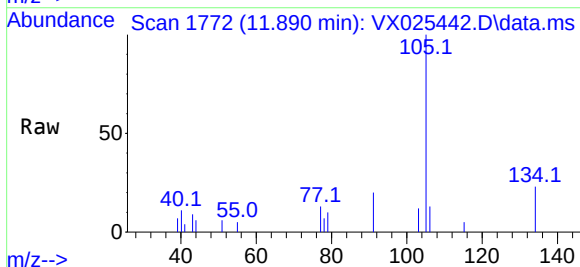
Instrument :
MSVOA_X
ClientSampleId :
MW-28

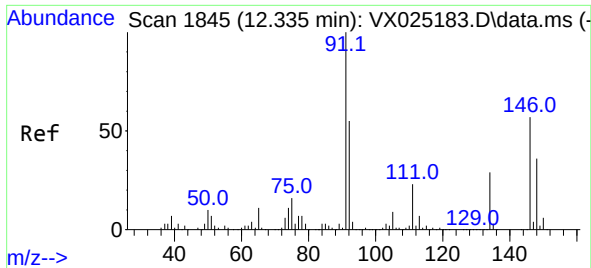
Tgt Ion:105 Resp: 8839
Ion Ratio Lower Upper
105 100
120 47.1 22.1 66.3



#85
sec-Butylbenzene
Concen: 0.36 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX025442.D
Acq: 02 Dec 2021 20:38

Tgt Ion:105 Resp: 1958
Ion Ratio Lower Upper
105 100
134 36.1 10.2 30.4#





#89

n-Butylbenzene

Concen: 0.58 ug/l

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025442.D

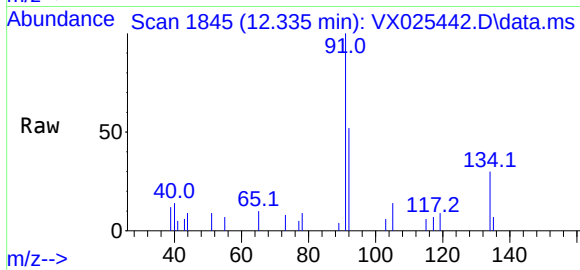
Acq: 02 Dec 2021 20:38

Instrument :

MSVOA_X

ClientSampleId :

MW-28



Tgt Ion: 91 Resp: 2318

Ion Ratio Lower Upper

91 100

92 37.3 26.3 78.8

134 72.1 13.0 38.9#

