

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026350.D
 Acq On : 06 Jan 2022 02:48
 Operator : JC/MD
 Sample : N1019-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Jan 06 05:05:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

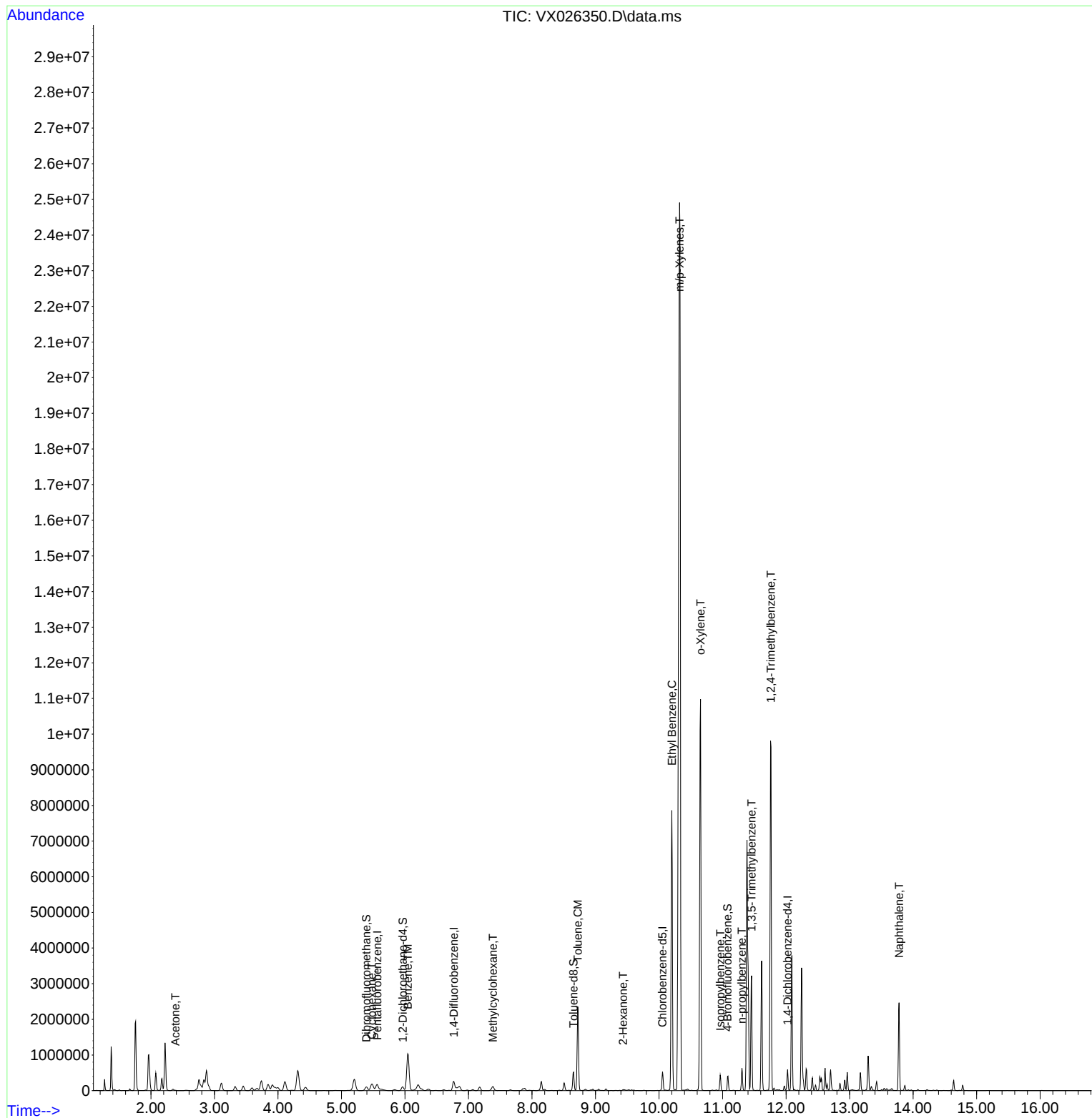
Internal Standards						
1) Pentafluorobenzene	5.562	168	154759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108029	48.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.500%
35) Dibromofluoromethane	5.391	113	82660	49.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.460%
50) Toluene-d8	8.653	98	299475	47.946	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.079	95	117219	52.718	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.440%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	10652	8.781	ug/l	95
31) Cyclohexane	5.477	56	137249	43.046	ug/l	95
39) Methylcyclohexane	7.385	83	46842	15.332	ug/l	90
40) Benzene	6.044	78	1232650	159.467	ug/l	99
52) Toluene	8.720	92	856087	179.901	ug/l	99
59) 2-Hexanone	9.433	43	10039	4.161	ug/l	95
67) Ethyl Benzene	10.201	91	4552053	514.543	ug/l	96
68) m/p-Xylenes	10.323	106	8657876	2621.054	ug/l	79
69) o-Xylene	10.653	106	2518261	779.172	ug/l	95
73) Isopropylbenzene	10.963	105	214417	24.545	ug/l	99
78) n-propylbenzene	11.305	91	375175	37.353	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1393366	192.202	ug/l	98
84) 1,2,4-Trimethylbenzene	11.762	105	4424925	610.867	ug/l	97
95) Naphthalene	13.780	128	1483367	170.779	ug/l	99

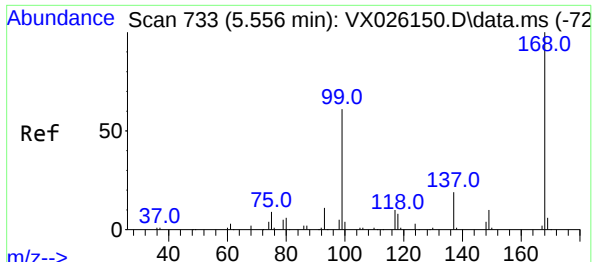
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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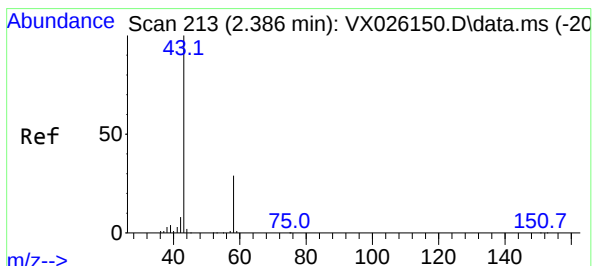
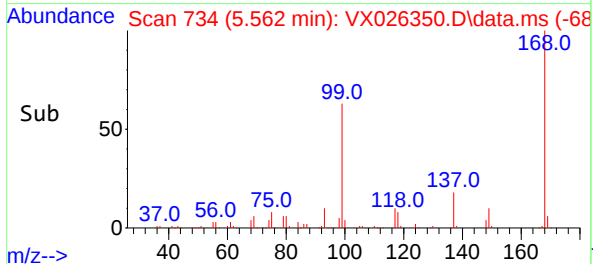
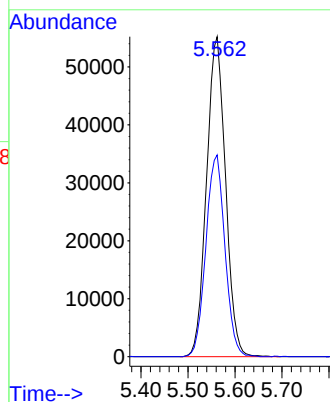
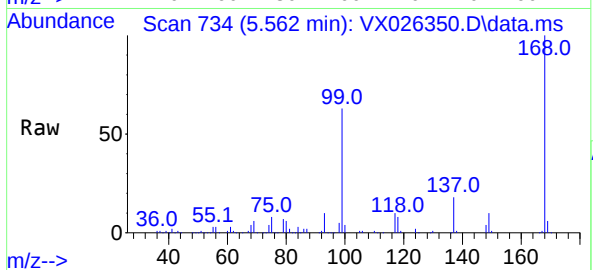




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

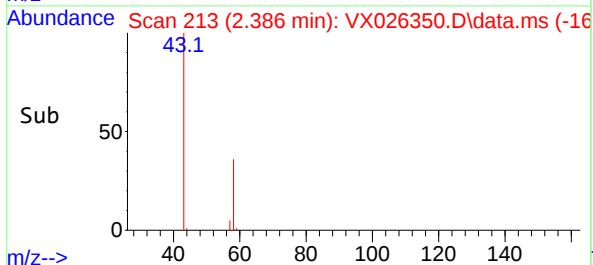
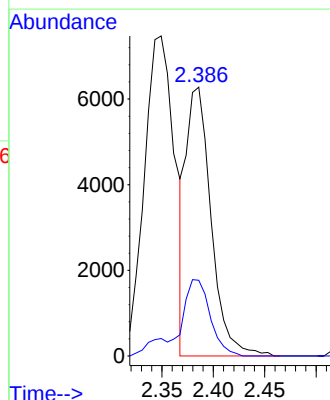
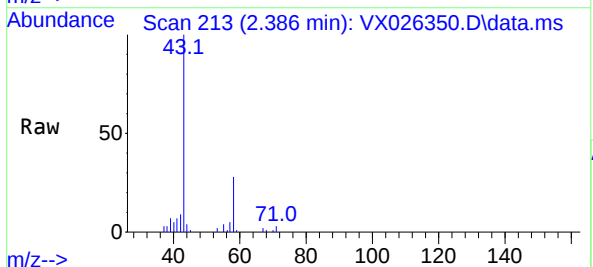
Instrument :
MSVOA_X
ClientSampleId :
MW-7

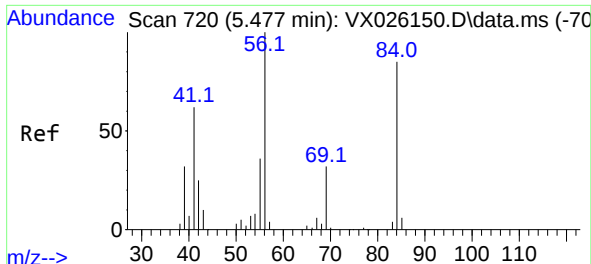
Tgt Ion:168 Resp: 154759
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.8



#16
Acetone
Concen: 8.781 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

Tgt Ion: 43 Resp: 10652
Ion Ratio Lower Upper
43 100
58 28.2 24.8 37.2

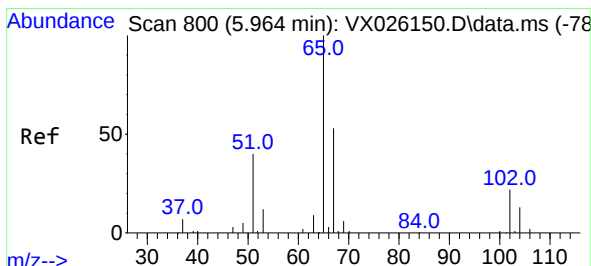
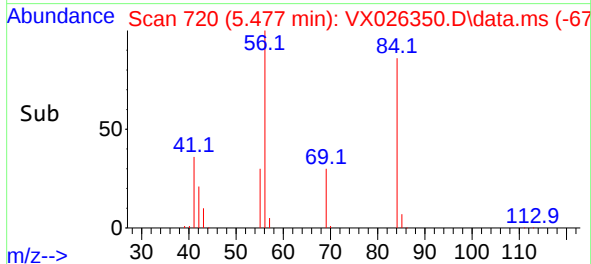
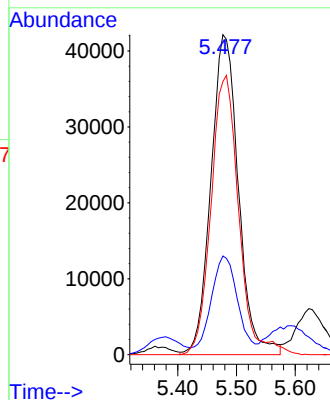
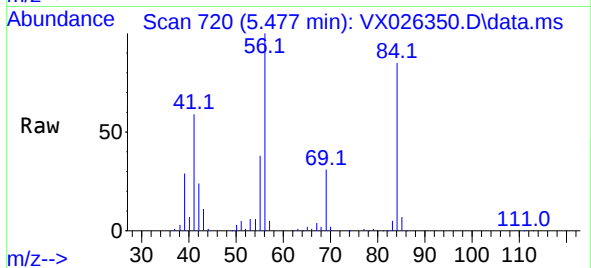




#31
Cyclohexane
Concen: 43.046 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

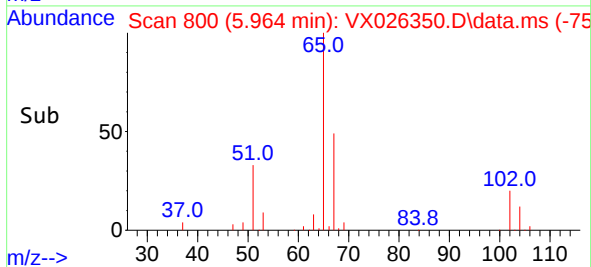
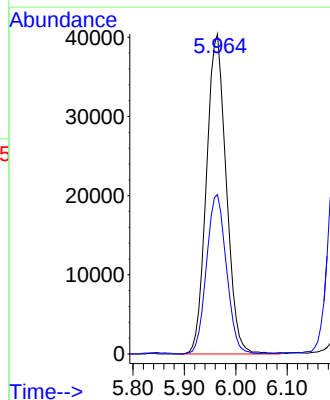
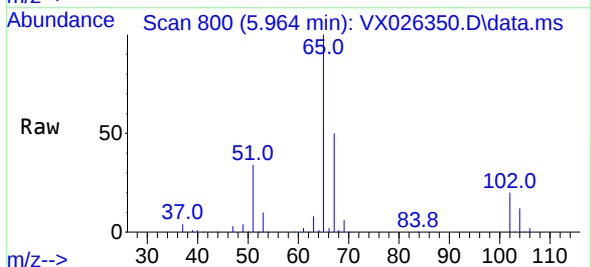
Instrument :
MSVOA_X
ClientSampleId :
MW-7

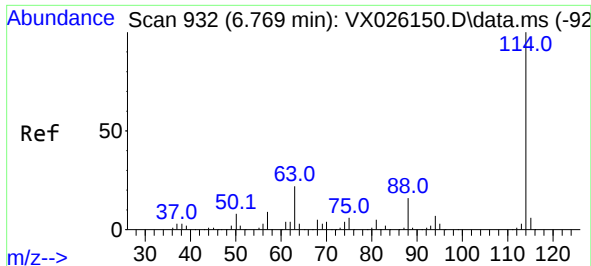
Tgt Ion: 56 Resp: 137249
Ion Ratio Lower Upper
56 100
69 27.5 23.9 35.9
84 86.0 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 48.251 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

Tgt Ion: 65 Resp: 108029
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4

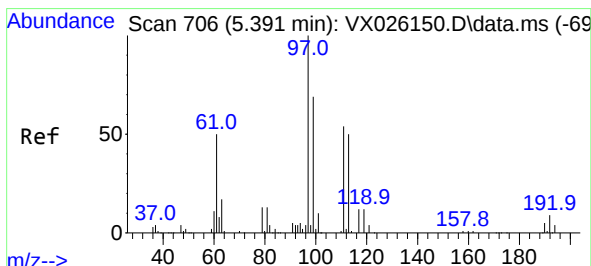
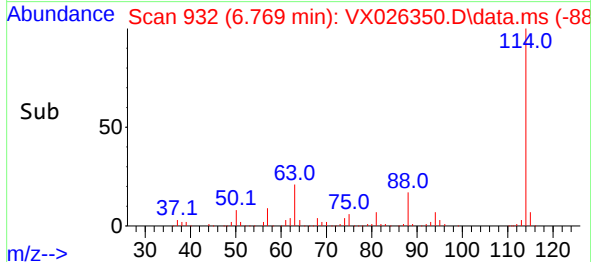
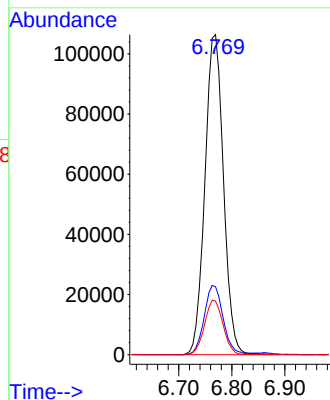
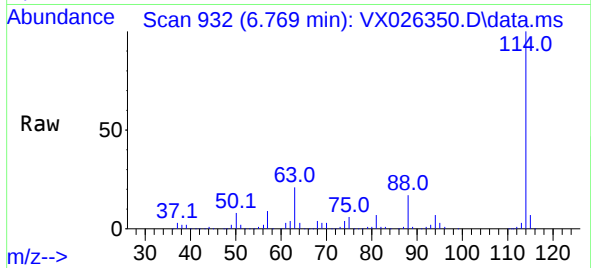




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

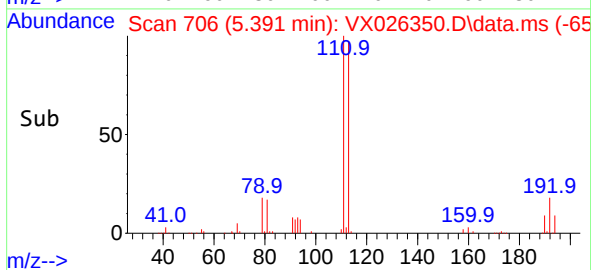
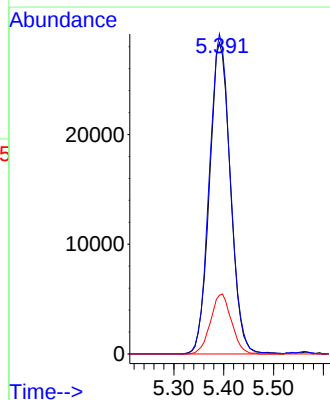
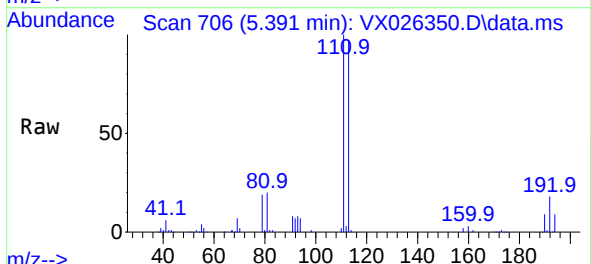
Instrument :
MSVOA_X
ClientSampleId :
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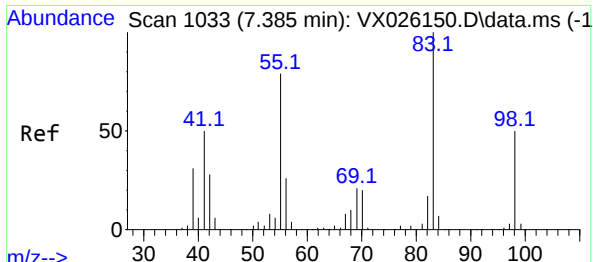
Tgt Ion:114 Resp: 258289
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 16.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.225 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

Tgt Ion:113 Resp: 82660
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 19.2 15.0 22.4

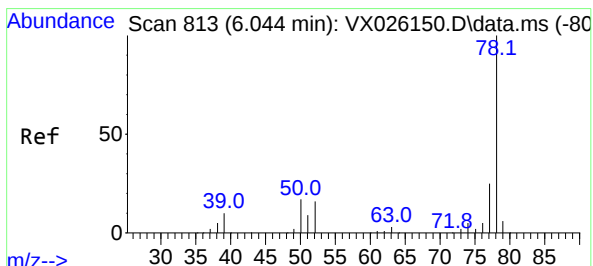
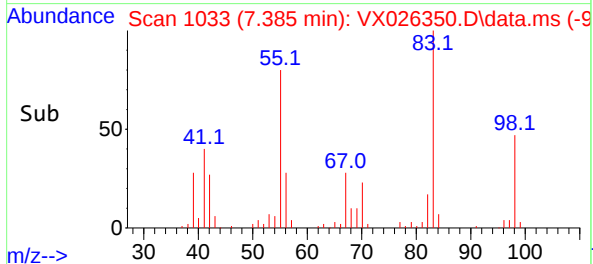
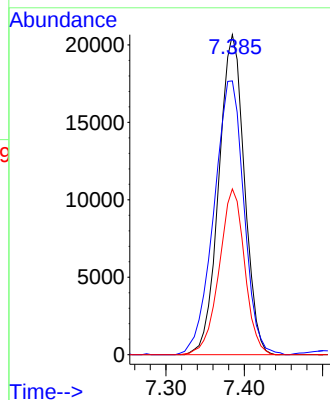
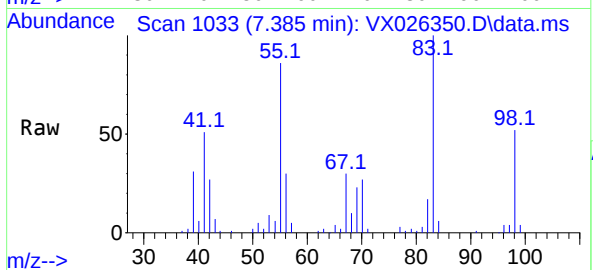




#39
Methylcyclohexane
Concen: 15.332 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

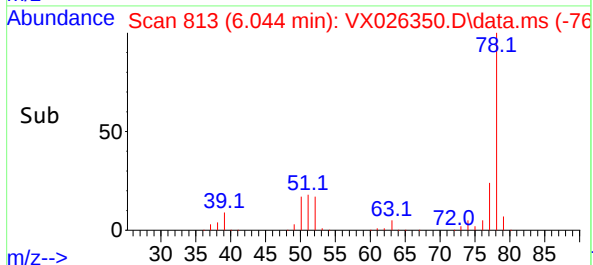
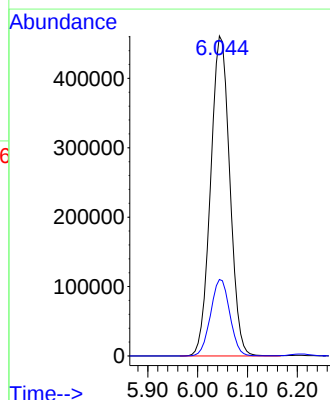
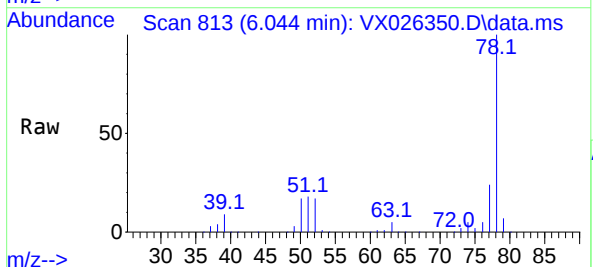
Instrument :
MSVOA_X
ClientSampleId :
MW-7

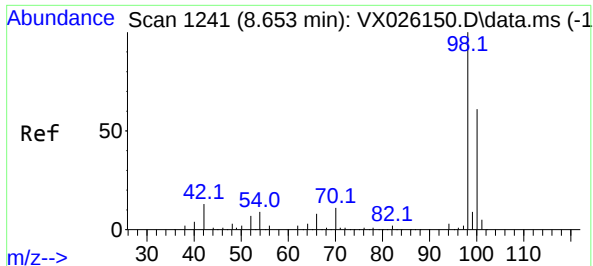
Tgt Ion: 83 Resp: 46842
Ion Ratio Lower Upper
83 100
55 85.1 57.8 86.8
98 51.8 40.5 60.7



#40
Benzene
Concen: 159.467 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

Tgt Ion: 78 Resp: 1232650
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#50

Toluene-d8

Concen: 47.946 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026350.D

Acq: 06 Jan 2022 02:48

Instrument :

MSVOA_X

ClientSampleId :

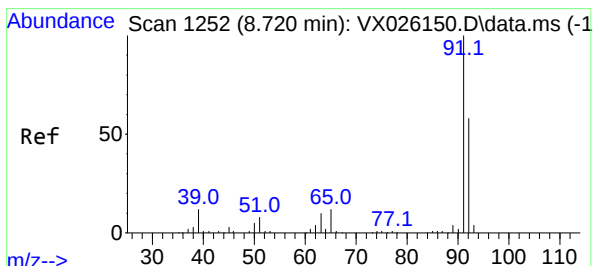
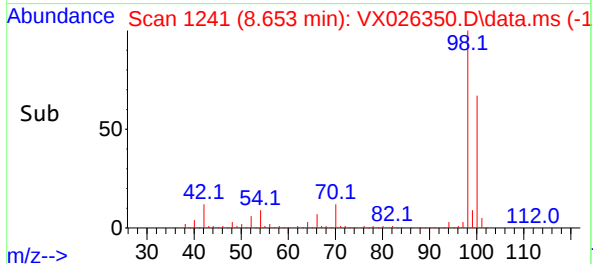
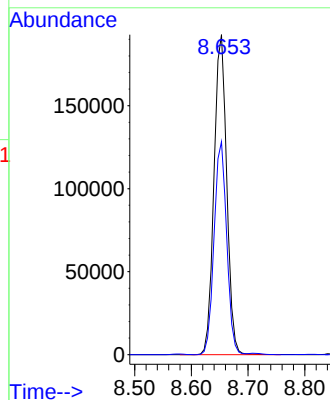
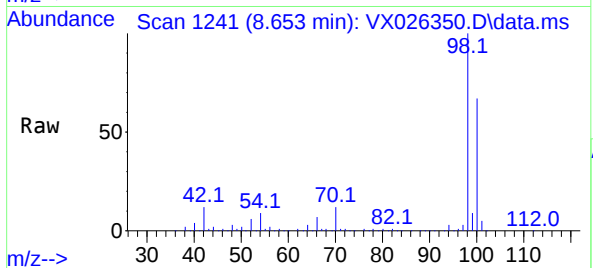
MW-7

Tgt Ion: 98 Resp: 299475

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#52

Toluene

Concen: 179.901 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX026350.D

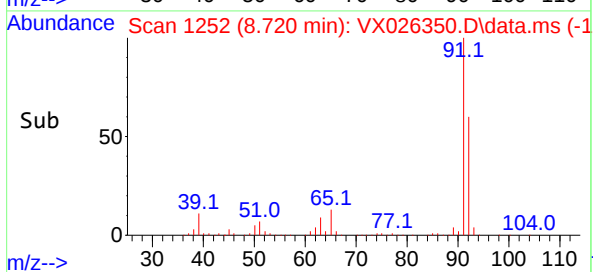
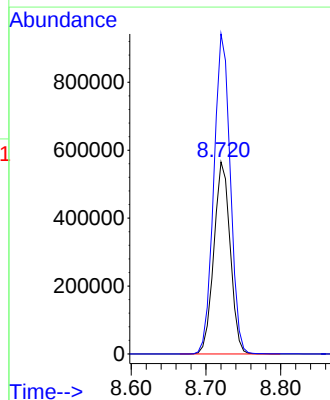
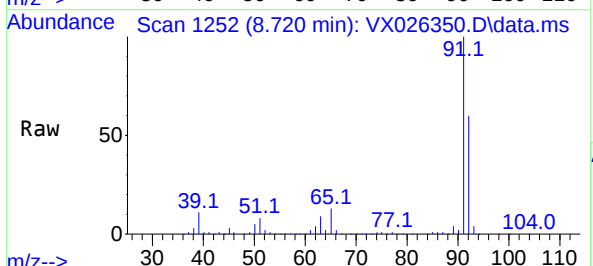
Acq: 06 Jan 2022 02:48

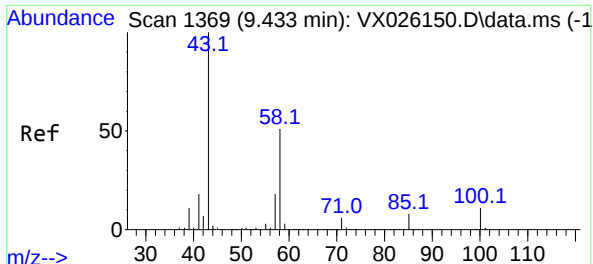
Tgt Ion: 92 Resp: 856087

Ion Ratio Lower Upper

92 100

91 168.5 136.0 204.0

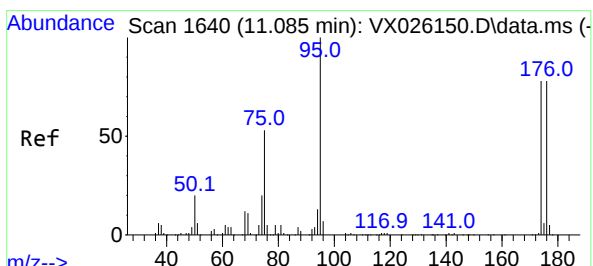
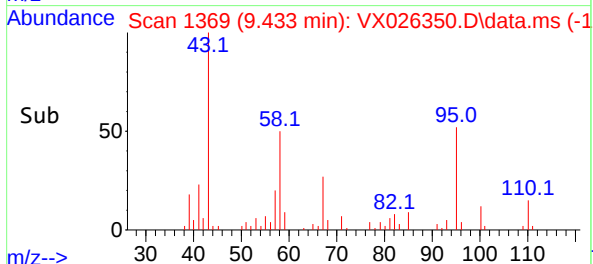
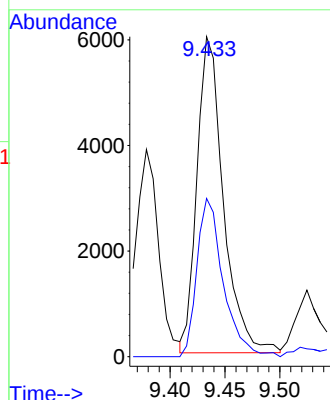
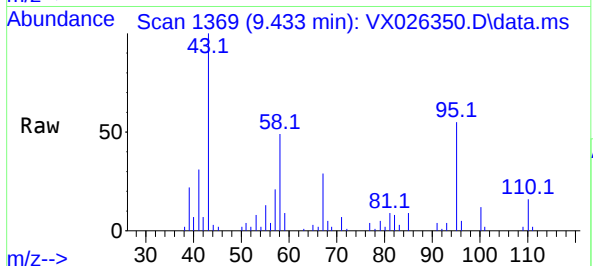




#59
2-Hexanone
Concen: 4.161 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

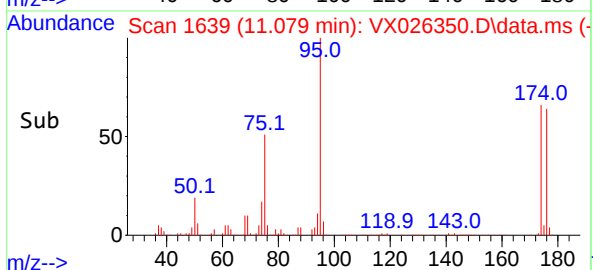
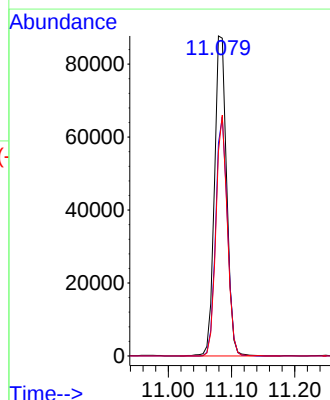
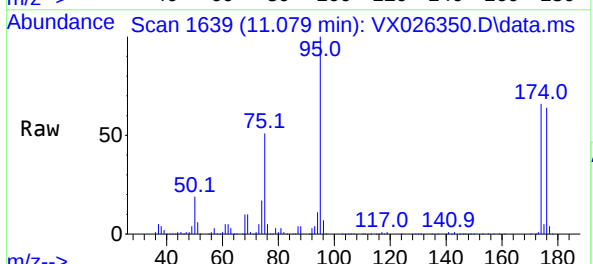
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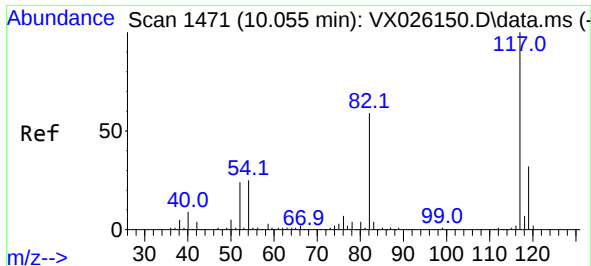
Tgt Ion: 43 Resp: 10039
Ion Ratio Lower Upper
43 100
58 49.8 26.9 80.6



#62
4-Bromofluorobenzene
Concen: 52.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

Tgt Ion: 95 Resp: 117219
Ion Ratio Lower Upper
95 100
174 71.8 0.0 157.4
176 70.0 0.0 154.6

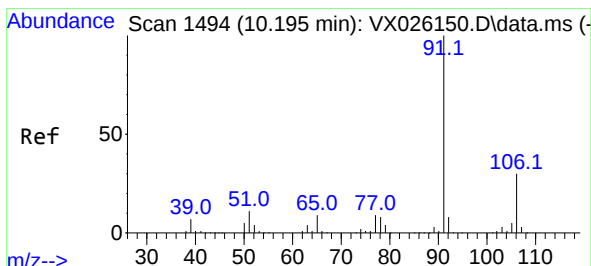
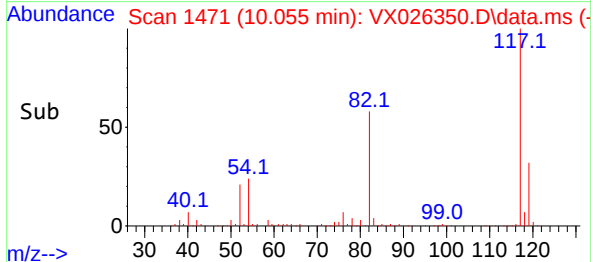
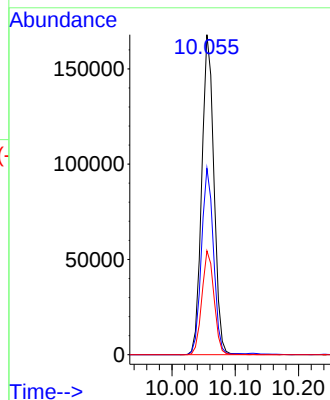
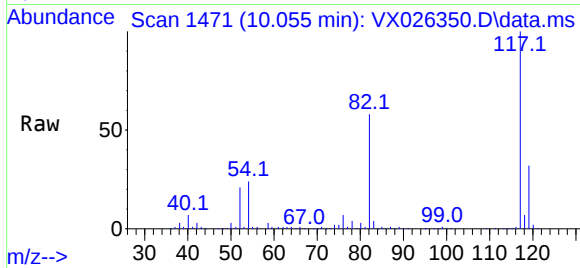




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

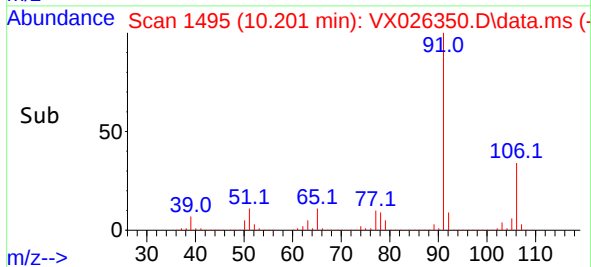
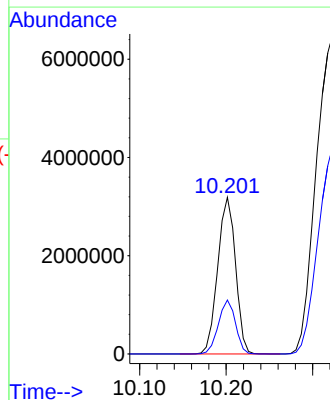
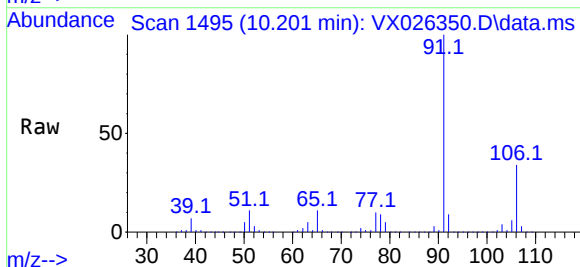
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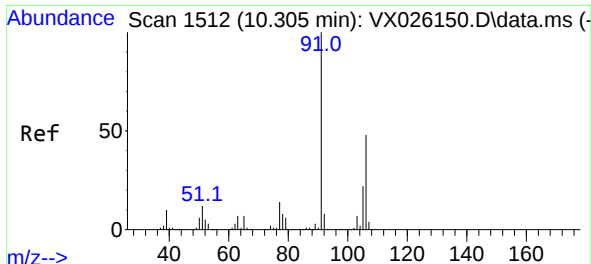
Tgt Ion:117 Resp: 225226
Ion Ratio Lower Upper
117 100
82 58.3 43.8 65.6
119 32.4 25.2 37.8



#67
Ethyl Benzene
Concen: 514.543 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

Tgt Ion: 91 Resp: 4552053
Ion Ratio Lower Upper
91 100
106 34.4 25.7 38.5

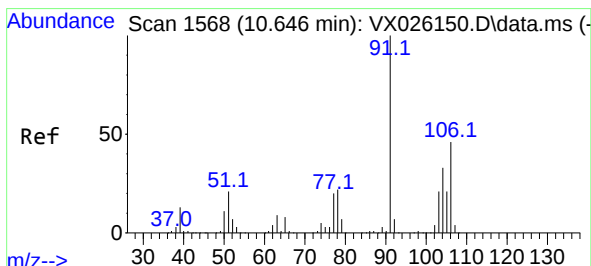
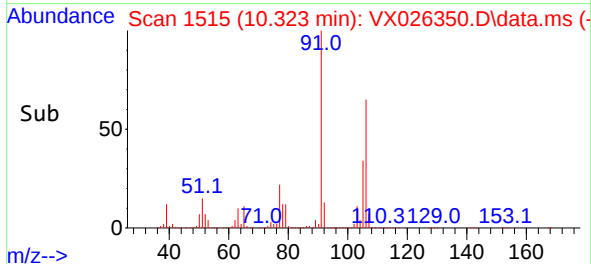
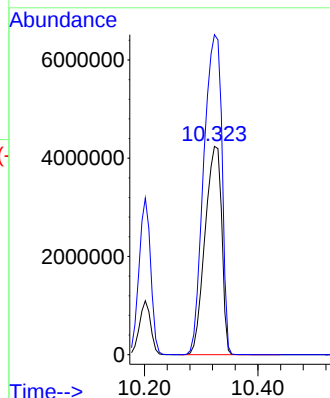
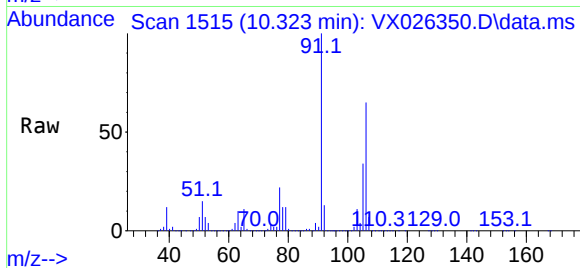




#68
m/p-Xylenes
Concen: 2621.054 ug/l
RT: 10.323 min Scan# 1512
Delta R.T. 0.018 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

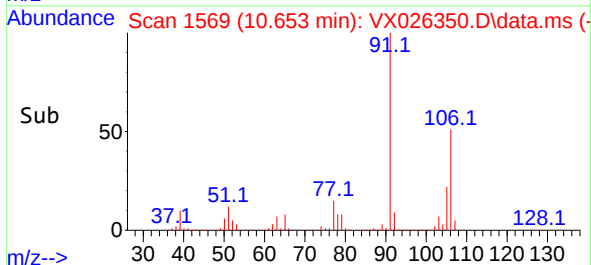
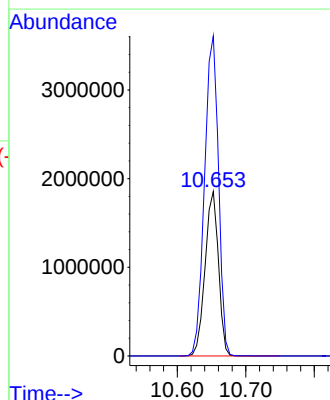
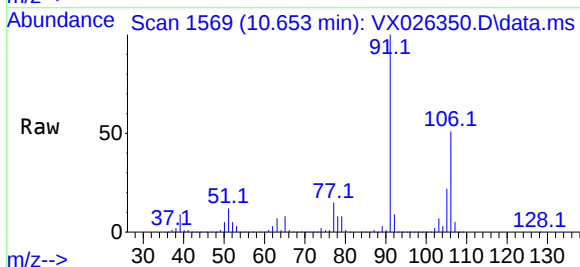
Instrument :
MSVOA_X
ClientSampleId :
MW-7

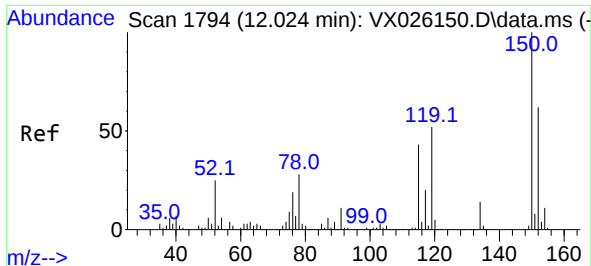
Tgt Ion:106 Resp: 8657876
Ion Ratio Lower Upper
106 100
91 166.9 158.6 238.0



#69
o-Xylene
Concen: 779.172 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.007 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

Tgt Ion:106 Resp: 2518261
Ion Ratio Lower Upper
106 100
91 203.2 105.5 316.4

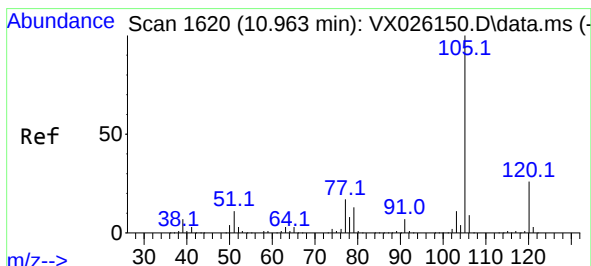
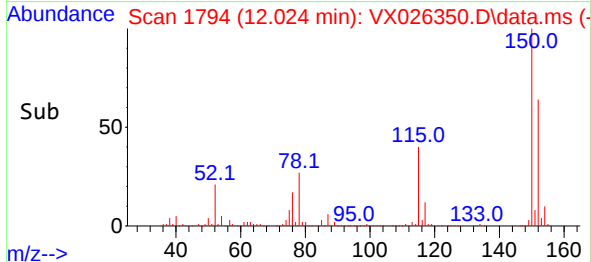
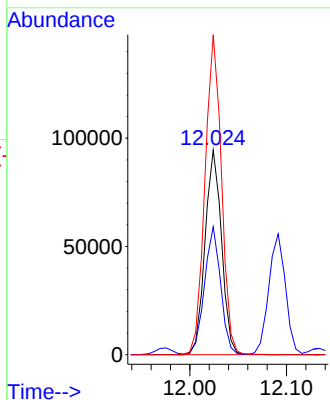
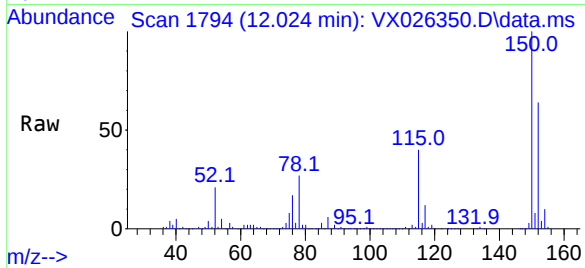




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

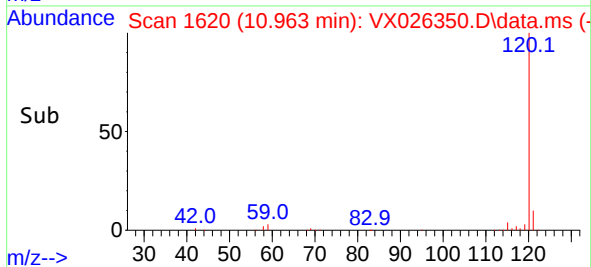
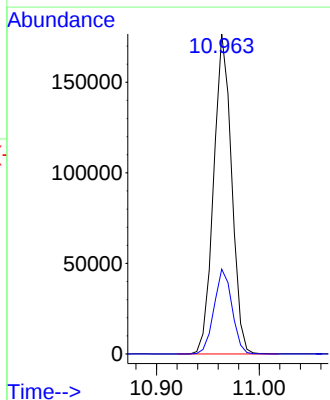
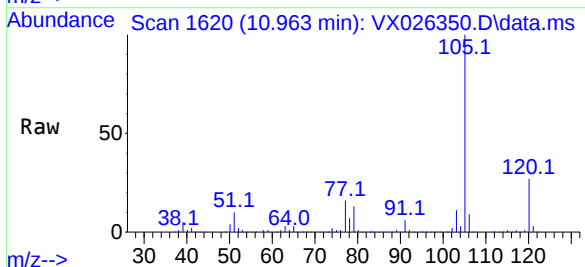
Instrument :
MSVOA_X
ClientSampleId :
MW-7

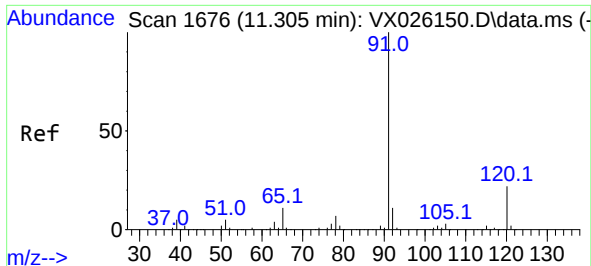
Tgt Ion:152 Resp: 112385
Ion Ratio Lower Upper
152 100
115 60.9 41.3 123.9
150 156.0 0.0 351.8



#73
Isopropylbenzene
Concen: 24.545 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

Tgt Ion:105 Resp: 214417
Ion Ratio Lower Upper
105 100
120 26.4 13.6 40.7

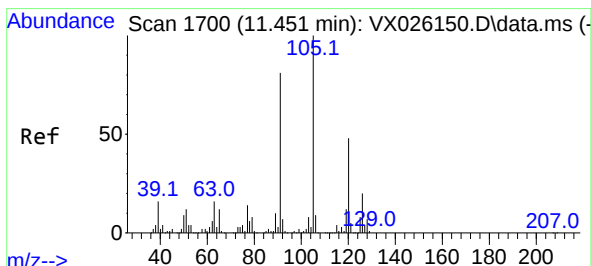
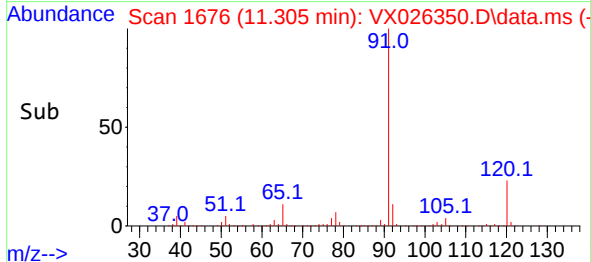
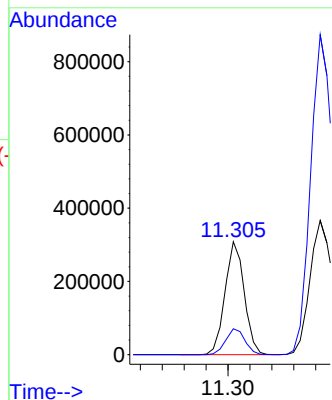
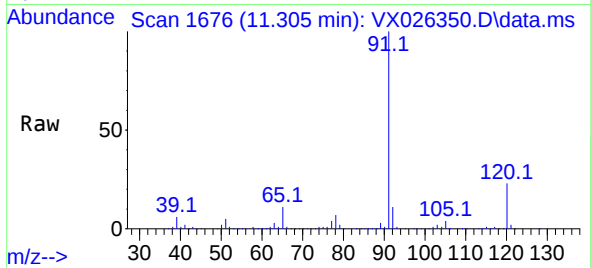




#78
n-propylbenzene
Concen: 37.353 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

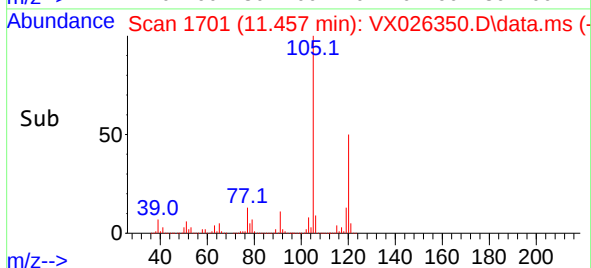
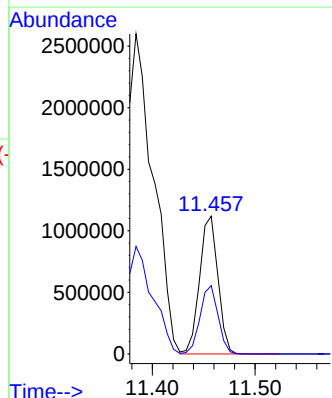
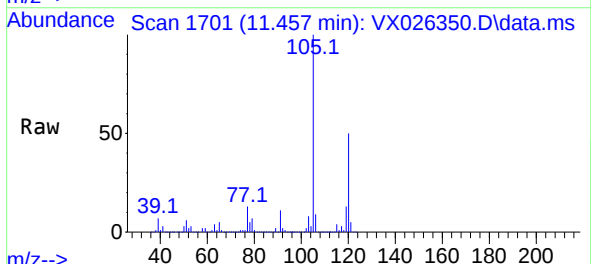
Instrument :
MSVOA_X
ClientSampleId :
MW-7

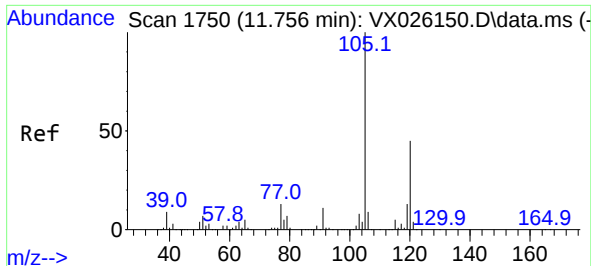
Tgt Ion: 91 Resp: 375175
Ion Ratio Lower Upper
91 100
120 23.1 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 192.202 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026350.D
Acq: 06 Jan 2022 02:48

Tgt Ion:105 Resp: 1393366
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7

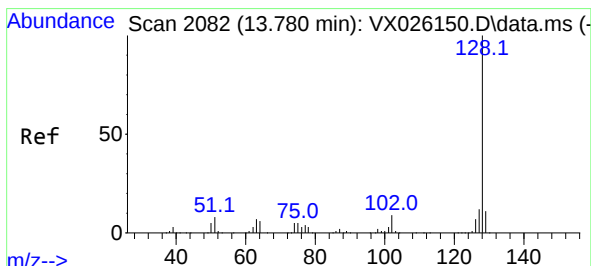
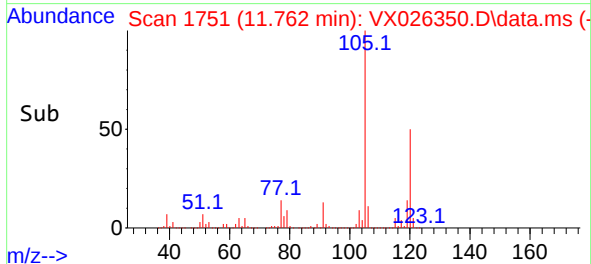
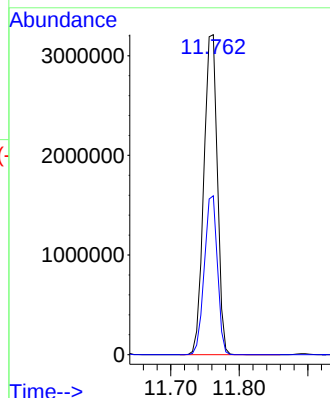
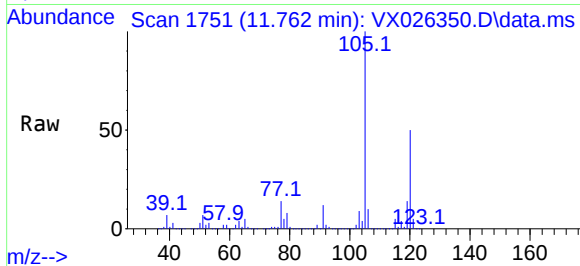




#84
 1,2,4-Trimethylbenzene
 Concen: 610.867 ug/l
 RT: 11.762 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX026350.D
 Acq: 06 Jan 2022 02:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Tgt Ion:105 Resp: 4424925
 Ion Ratio Lower Upper
 105 100
 120 48.1 22.9 68.7



#95
 Naphthalene
 Concen: 170.779 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX026350.D
 Acq: 06 Jan 2022 02:48

Tgt Ion:128 Resp: 1483367
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.3 15.5
 129 11.3 8.8 13.2

