

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027421.D
 Acq On : 14 Mar 2022 15:14
 Operator : JC/MD
 Sample : N1895-05DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Quant Time: Mar 15 06:03:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

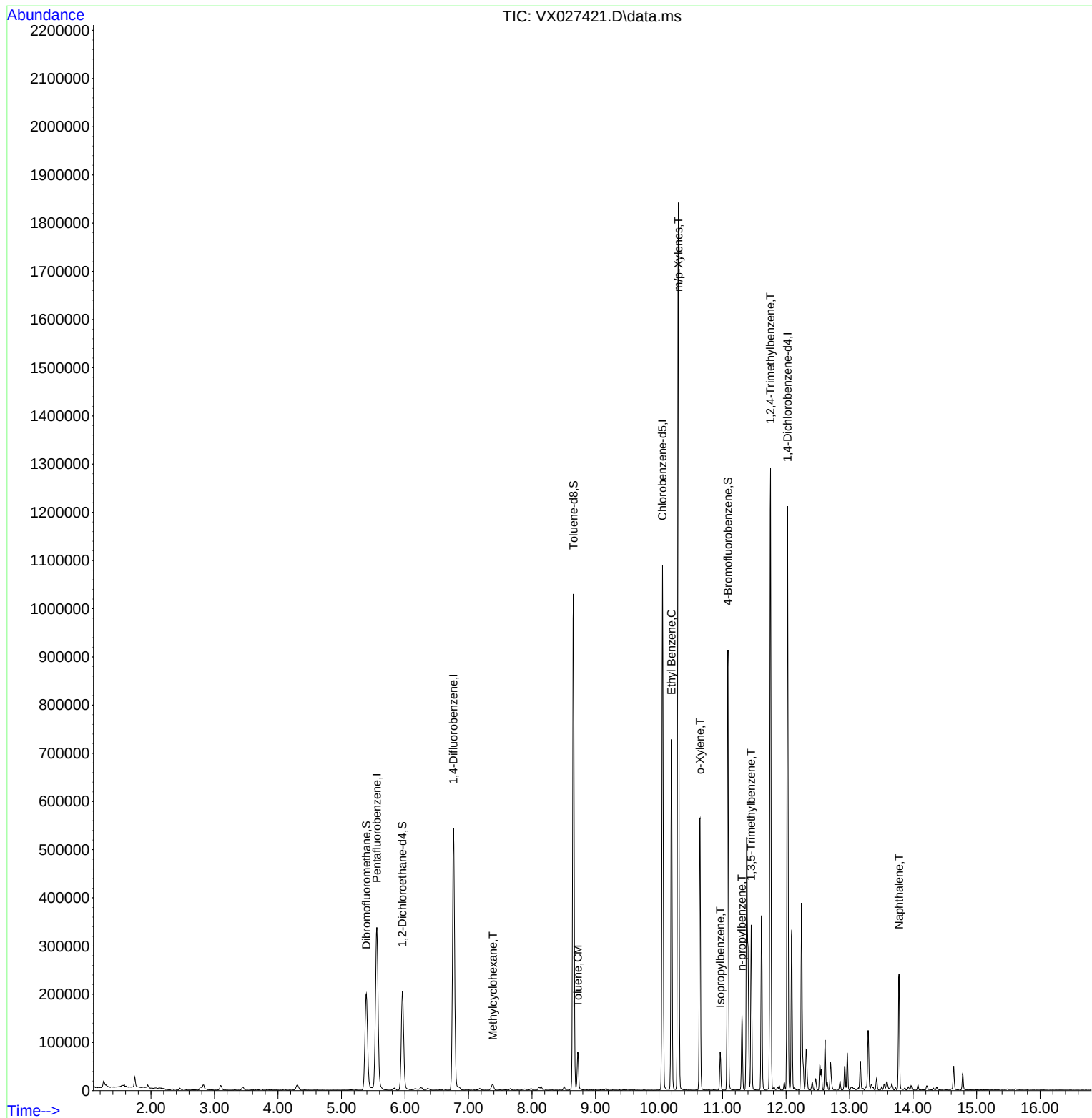
Internal Standards						
1) Pentafluorobenzene	5.555	168	323526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	569326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	244678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206487	54.730	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.460%			
35) Dibromofluoromethane	5.391	113	177341	48.274	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.540%			
50) Toluene-d8	8.652	98	630262	45.444	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 90.880%			
62) 4-Bromofluorobenzene	11.085	95	244204	46.199	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.400%			
Target Compounds						Qvalue
39) Methylcyclohexane	7.384	83	5419	0.841	ug/l	94
52) Toluene	8.720	92	30313	3.061	ug/l	99
67) Ethyl Benzene	10.195	91	414352	23.118	ug/l	98
68) m/p-Xylenes	10.305	106	434249	61.769	ug/l	99
69) o-Xylene	10.646	106	127608	18.385	ug/l	98
73) Isopropylbenzene	10.963	105	40557	2.266	ug/l	99
78) n-propylbenzene	11.304	91	96279	4.783	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	155404	10.129	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	583959	38.378	ug/l	99
95) Naphthalene	13.780	128	153698	8.339	ug/l	99

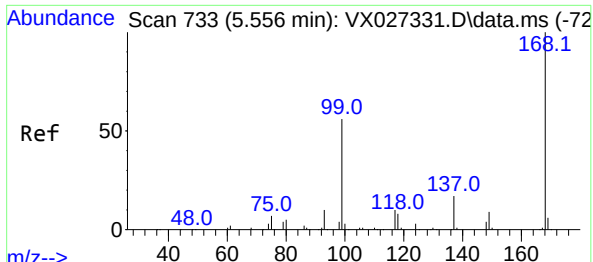
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
MW-4DL

Quant Time: Mar 15 06:03:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

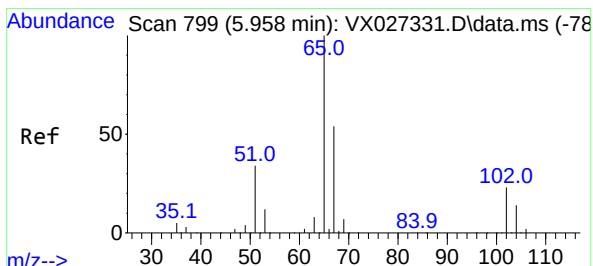
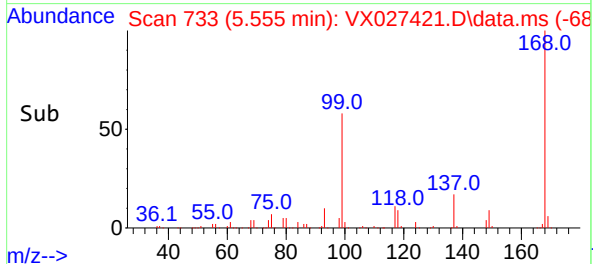
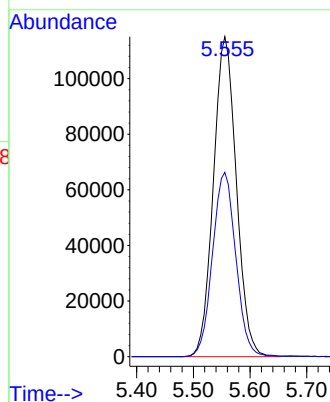
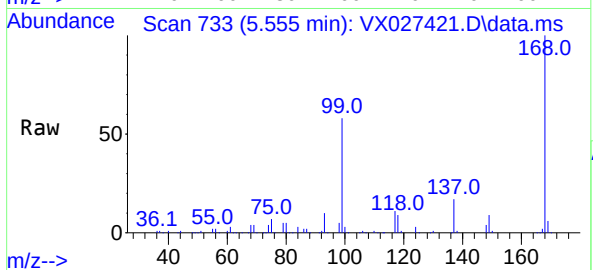




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 711
Delta R.T. -0.001 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

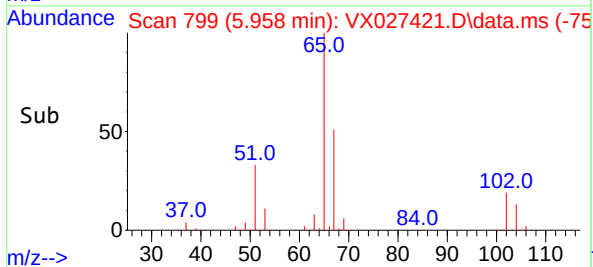
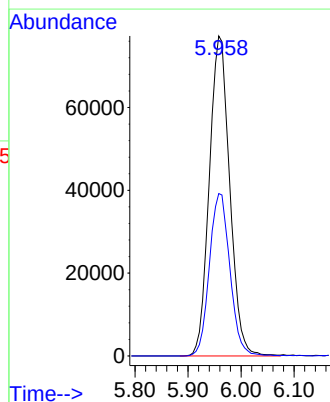
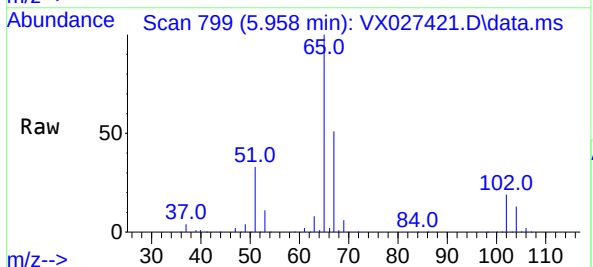
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

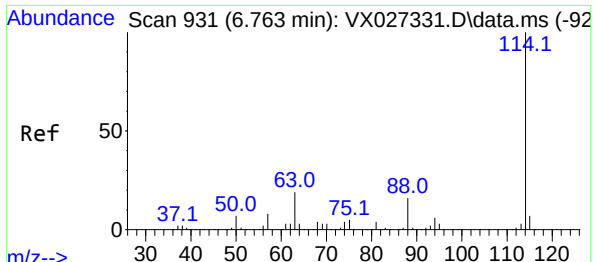
Tgt Ion:168 Resp: 323526
Ion Ratio Lower Upper
168 100
99 57.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 54.730 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

Tgt Ion: 65 Resp: 206487
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.4

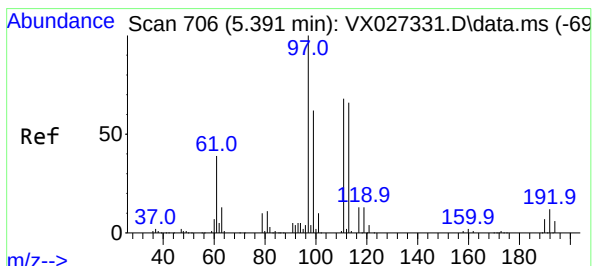
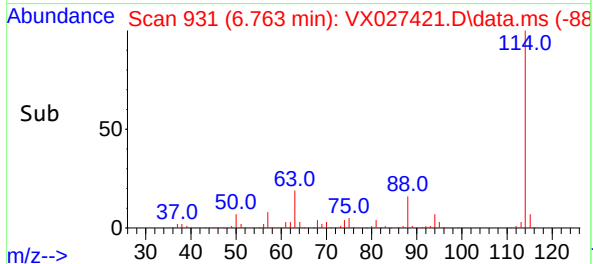
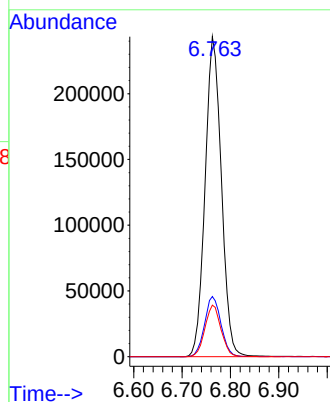
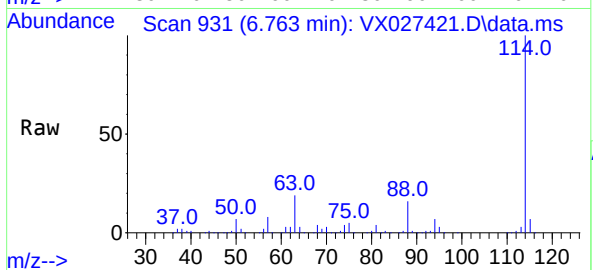




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

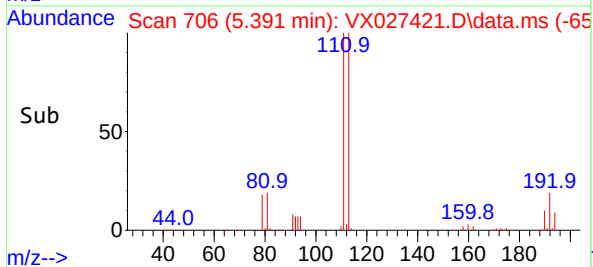
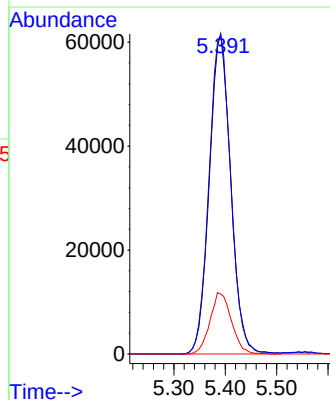
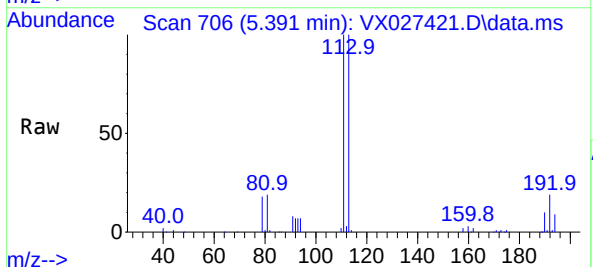
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

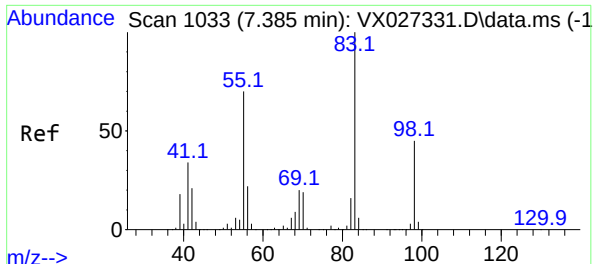
Tgt Ion:114 Resp: 569326
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.274 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

Tgt Ion:113 Resp: 177341
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 19.2 16.9 25.3





#39

Methylcyclohexane

Concen: 0.841 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.001 min

Lab File: VX027421.D

Acq: 14 Mar 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL

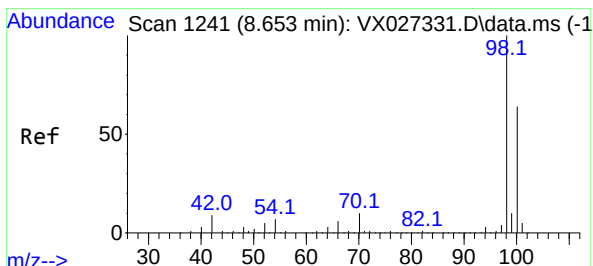
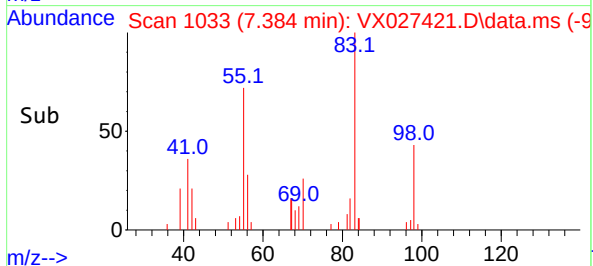
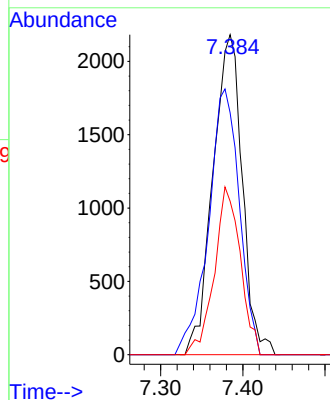
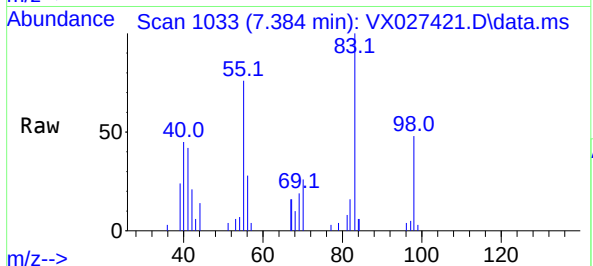
Tgt Ion: 83 Resp: 5419

Ion Ratio Lower Upper

83 100

55 75.6 54.6 81.8

98 48.0 37.4 56.2



#50

Toluene-d8

Concen: 45.444 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX027421.D

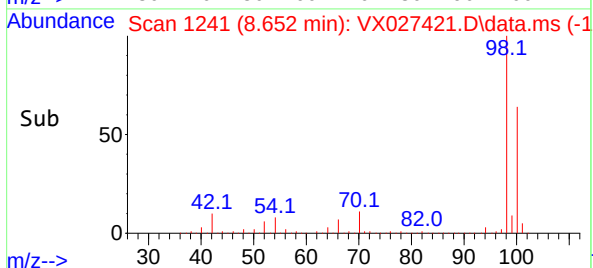
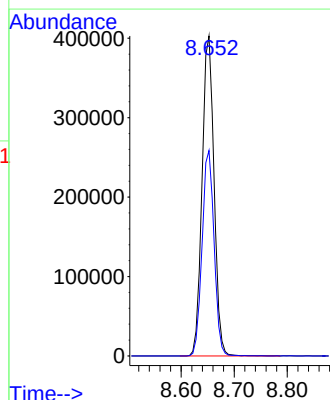
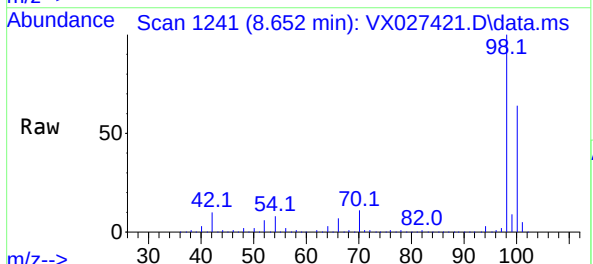
Acq: 14 Mar 2022 15:14

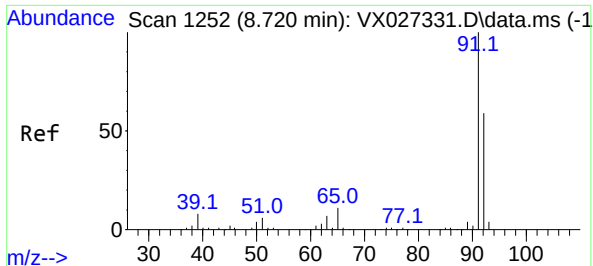
Tgt Ion: 98 Resp: 630262

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8

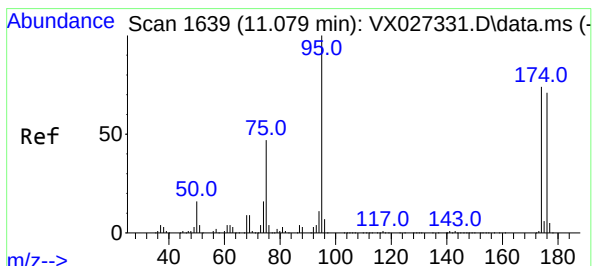
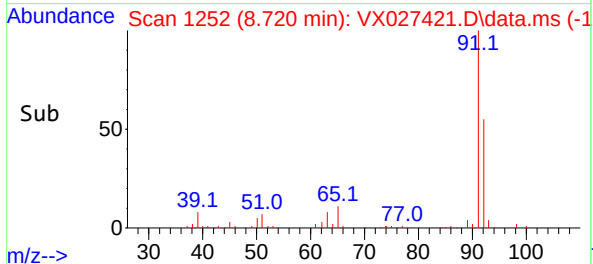
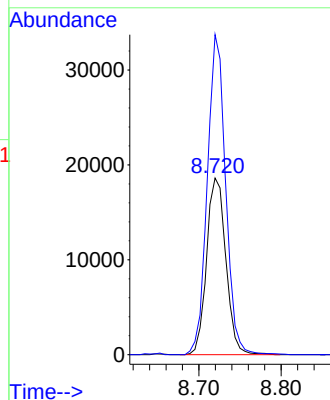
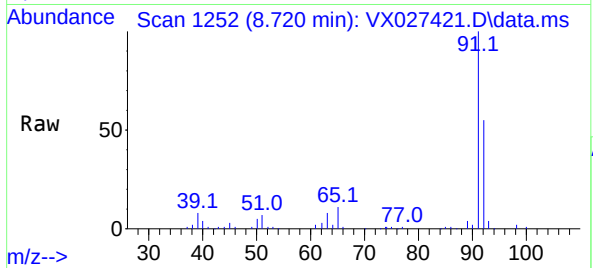




#52
Toluene
Concen: 3.061 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

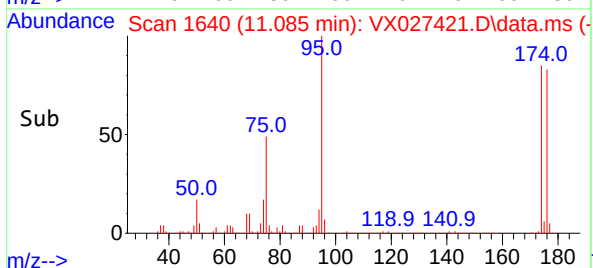
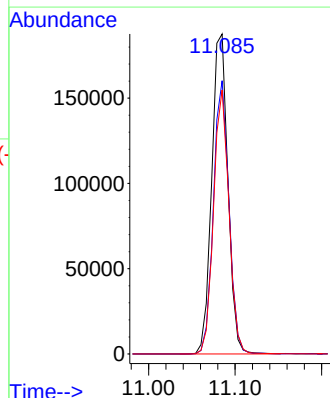
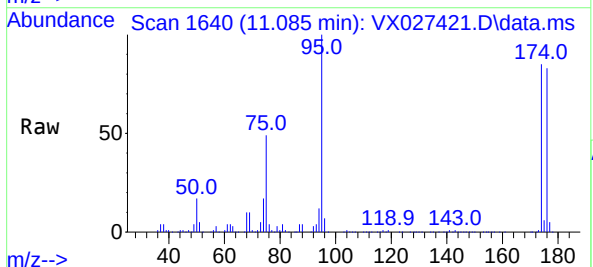
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

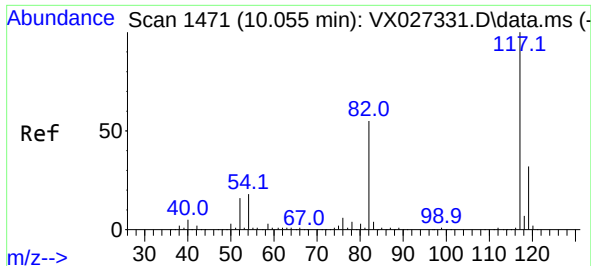
Tgt Ion: 92 Resp: 30313
Ion Ratio Lower Upper
92 100
91 172.7 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 46.199 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

Tgt Ion: 95 Resp: 244204
Ion Ratio Lower Upper
95 100
174 81.6 0.0 163.0
176 78.5 0.0 155.0

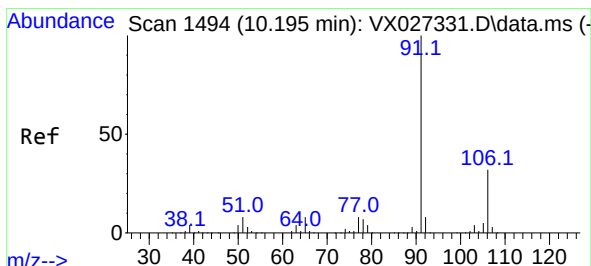
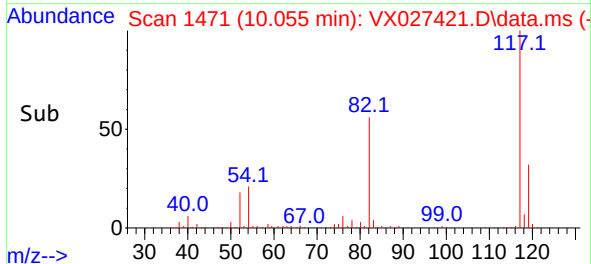
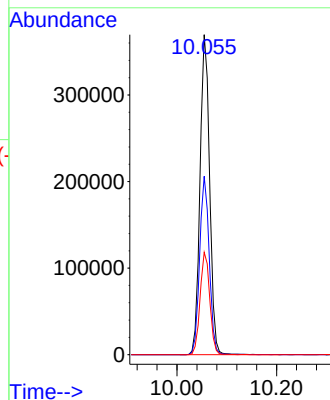
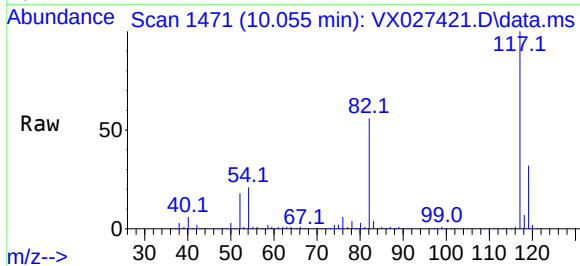




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

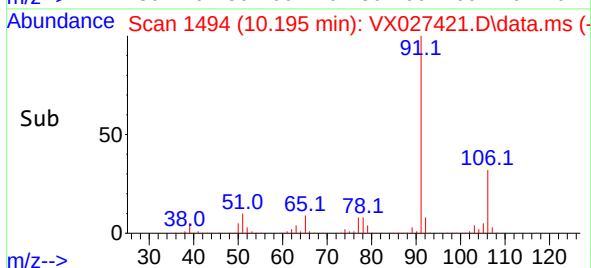
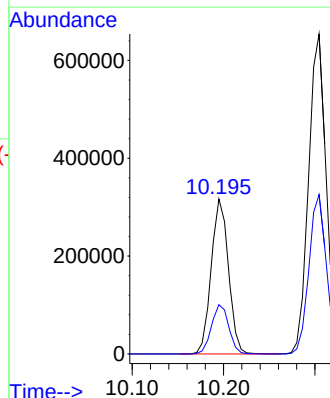
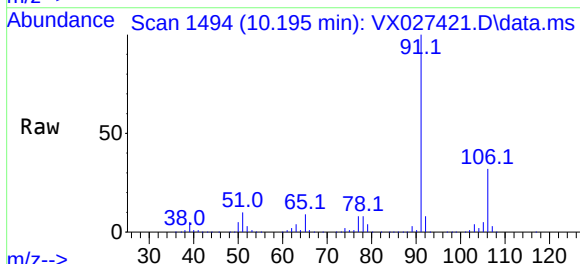
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

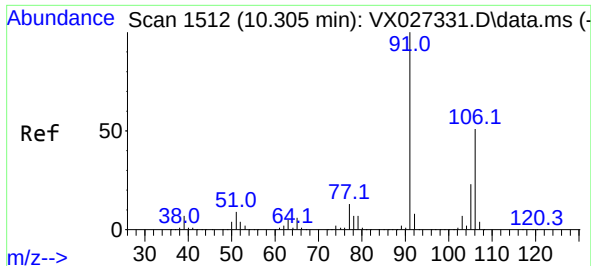
Tgt Ion:117 Resp: 493999
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 32.0 24.8 37.2



#67
Ethyl Benzene
Concen: 23.118 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

Tgt Ion: 91 Resp: 414352
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

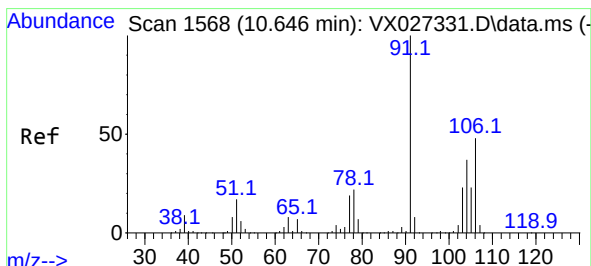
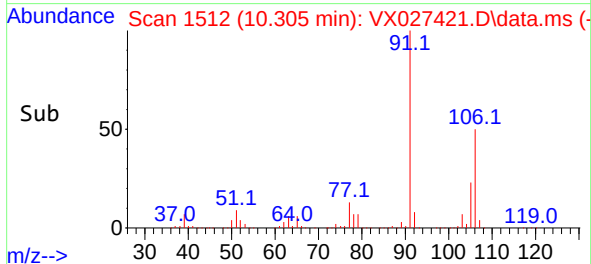
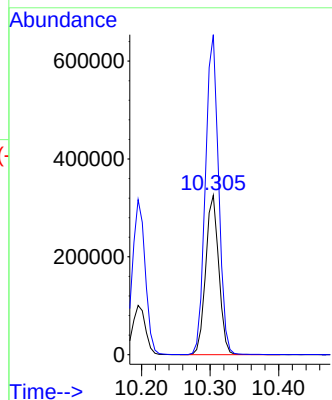
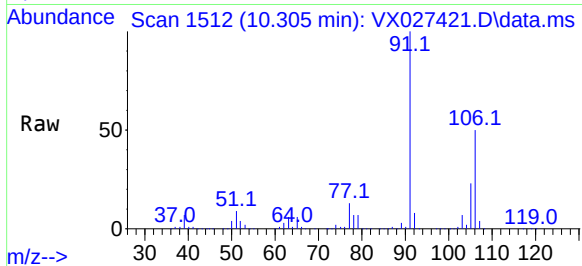




#68
m/p-Xylenes
Concen: 61.769 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

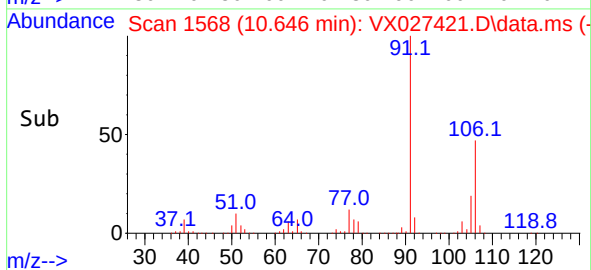
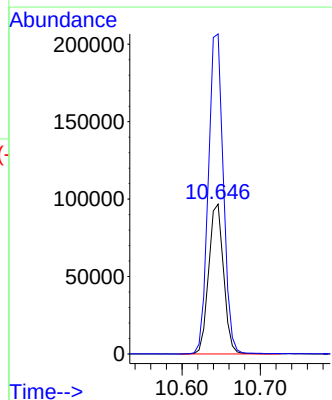
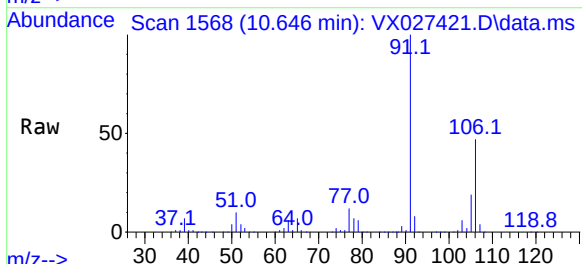
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MSVOA_X
ClientSampleId :
MW-4DL

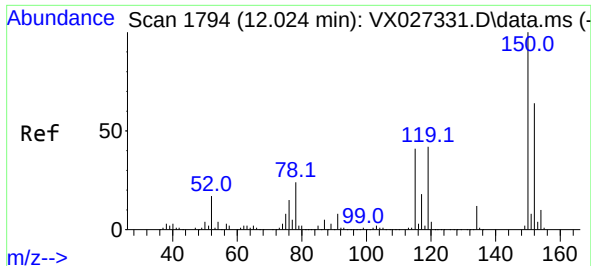
Tgt Ion:106 Resp: 434249
Ion Ratio Lower Upper
106 100
91 202.0 160.4 240.6



#69
o-Xylene
Concen: 18.385 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

Tgt Ion:106 Resp: 127608
Ion Ratio Lower Upper
106 100
91 215.5 106.1 318.1

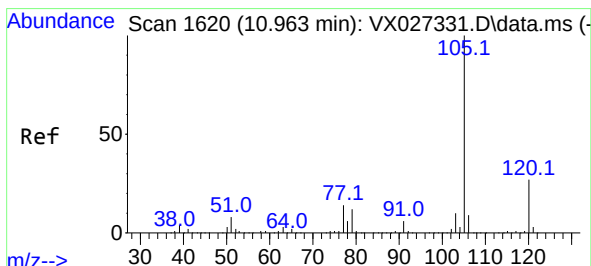
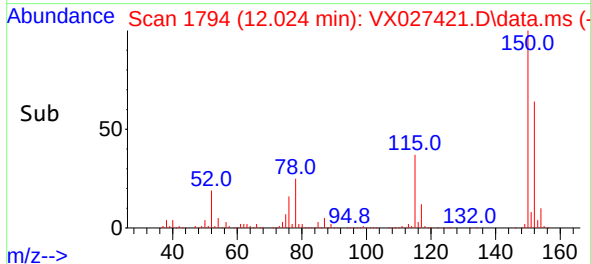
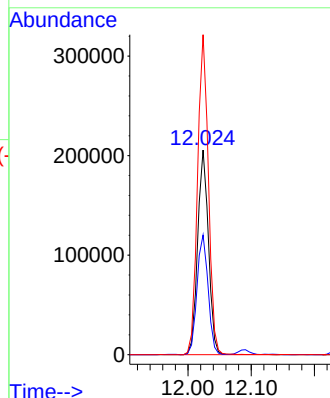
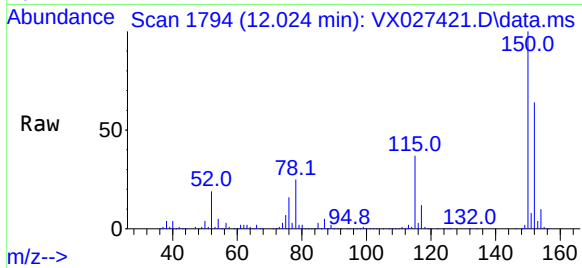




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

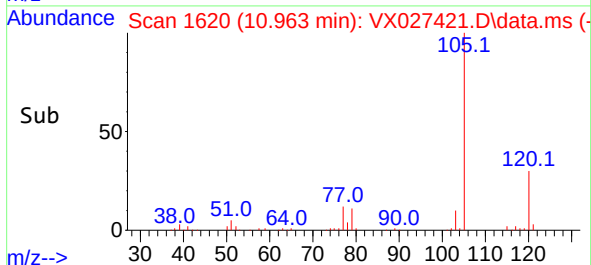
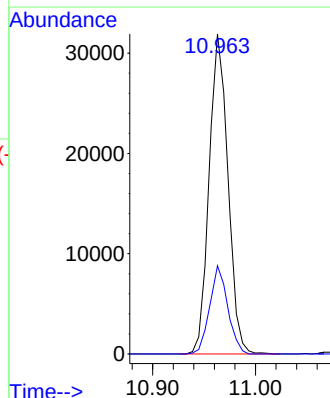
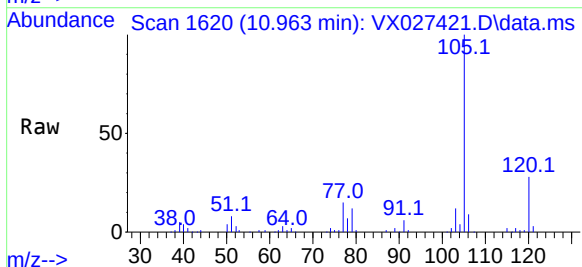
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

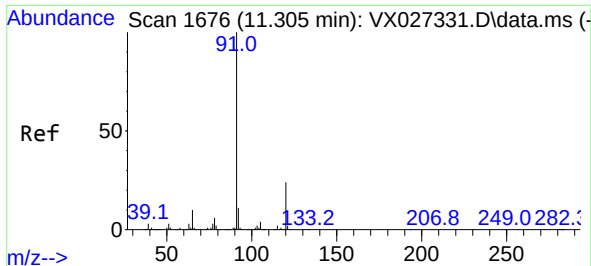
Tgt Ion:152 Resp: 244678
Ion Ratio Lower Upper
152 100
115 59.9 37.5 112.7
150 157.0 0.0 338.2



#73
Isopropylbenzene
Concen: 2.266 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

Tgt Ion:105 Resp: 40557
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.5

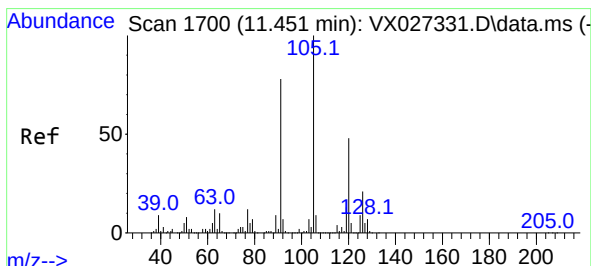
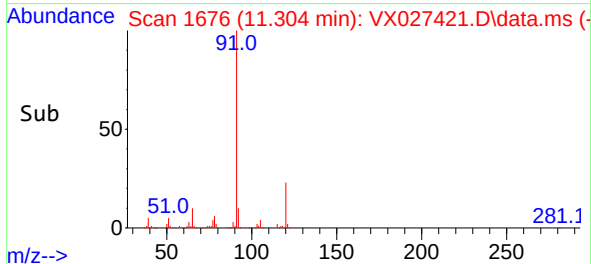
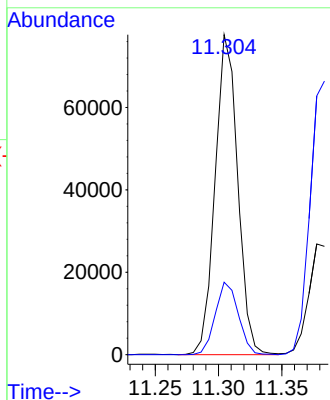
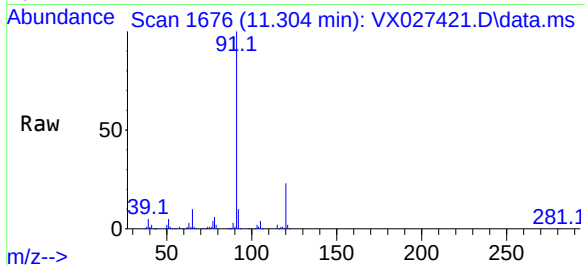




#78
n-propylbenzene
Concen: 4.783 ug/l
RT: 11.304 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

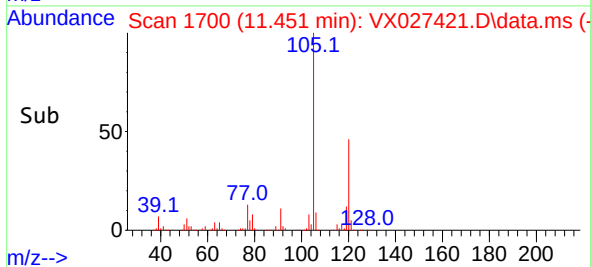
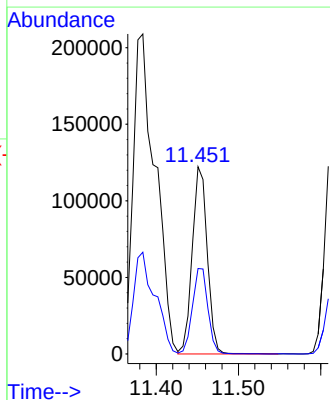
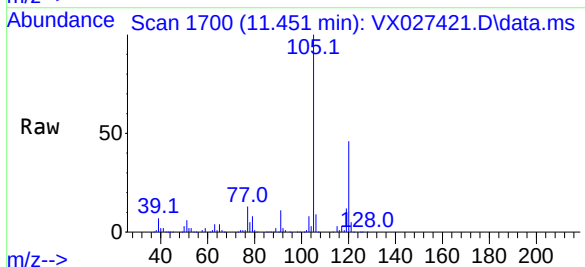
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

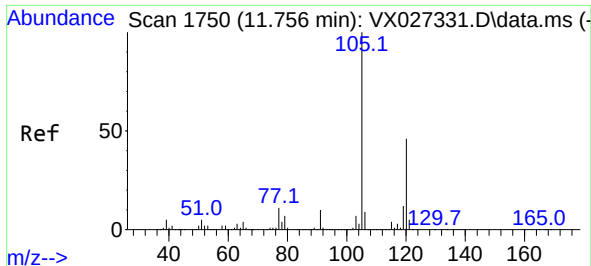
Tgt Ion: 91 Resp: 96279
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 10.129 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

Tgt Ion:105 Resp: 155404
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9

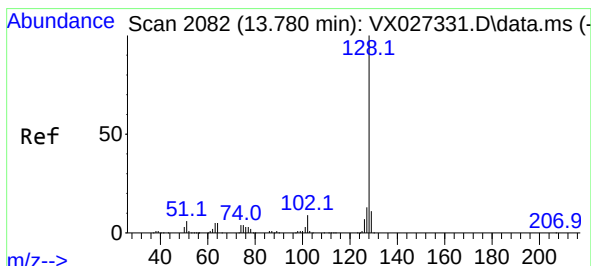
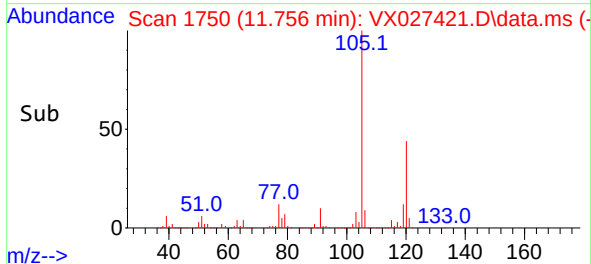
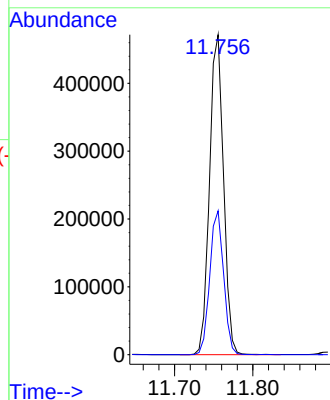
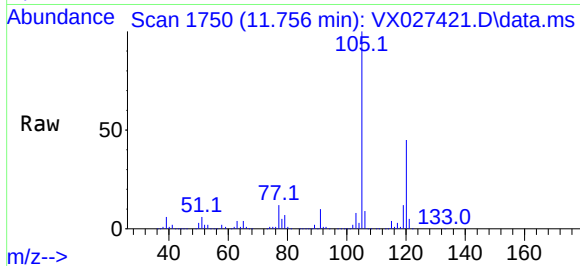




#84
1,2,4-Trimethylbenzene
Concen: 38.378 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion:105 Resp: 583959
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8



#95
Naphthalene
Concen: 8.339 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027421.D
Acq: 14 Mar 2022 15:14

Tgt Ion:128 Resp: 153698
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.7 13.1

