

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027073.D
 Acq On : 17 Feb 2022 13:26
 Operator : JC/MD
 Sample : N1575-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14RDL

Quant Time: Feb 18 03:49:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

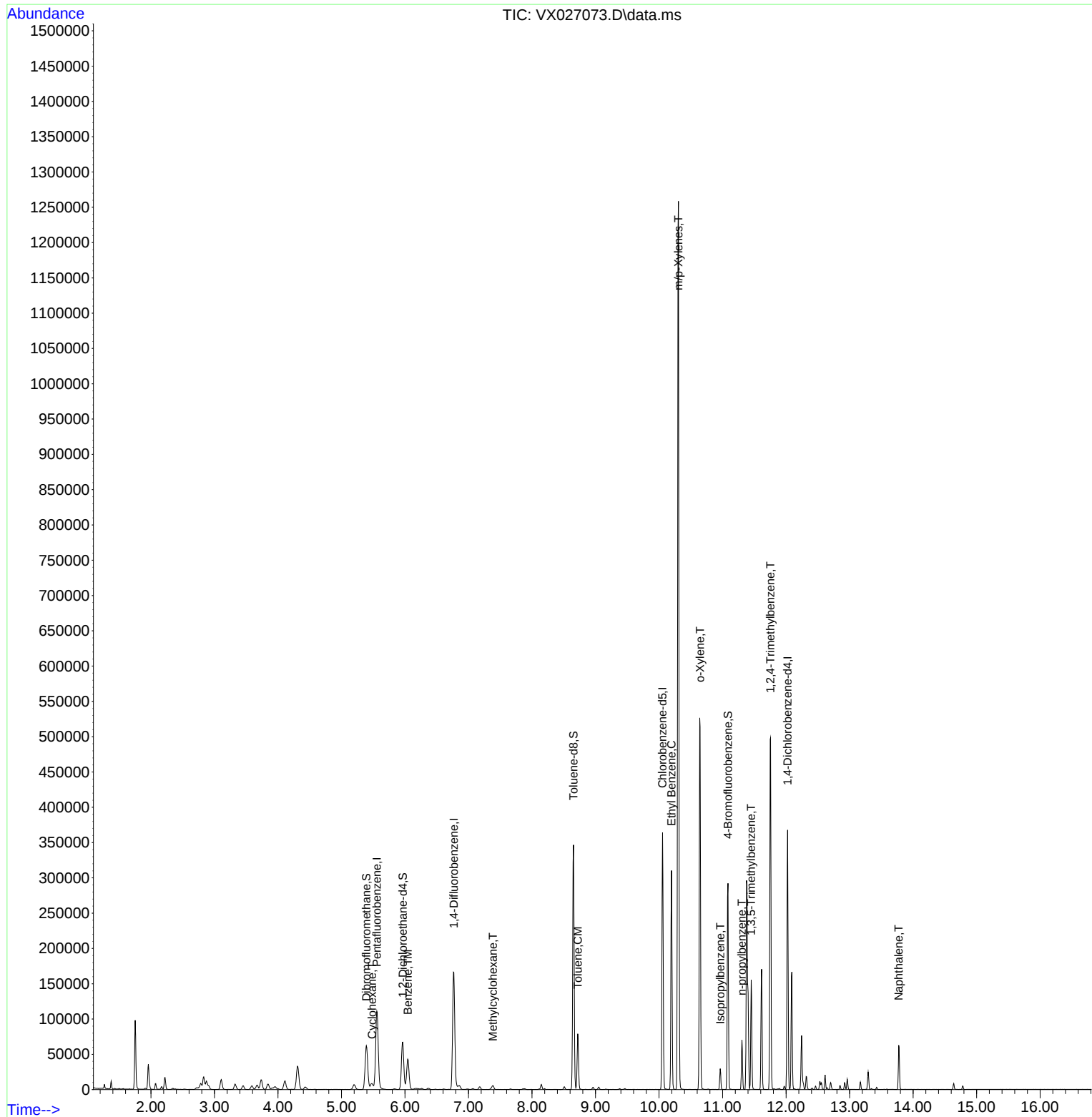
Internal Standards						
1) Pentafluorobenzene	5.556	168	107494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	176267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65318	50.620	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.240%
35) Dibromofluoromethane	5.391	113	54593	51.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.980%
50) Toluene-d8	8.653	98	206552	53.582	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.160%
62) 4-Bromofluorobenzene	11.085	95	78970	58.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.380%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.483	56	6286	3.066	ug/l #	95
39) Methylcyclohexane	7.385	83	2402	1.182	ug/l	98
40) Benzene	6.044	78	52480	10.869	ug/l	98
52) Toluene	8.720	92	29710	9.719	ug/l	99
67) Ethyl Benzene	10.195	91	174499	29.083	ug/l	99
68) m/p-Xylenes	10.305	106	298456	129.285	ug/l	97
69) o-Xylene	10.646	106	117775	52.066	ug/l	98
73) Isopropylbenzene	10.964	105	15197	2.598	ug/l	99
78) n-propylbenzene	11.305	91	42194	6.507	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	66243	13.761	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	225783	46.499	ug/l	97
95) Naphthalene	13.774	128	39723	7.310	ug/l	99

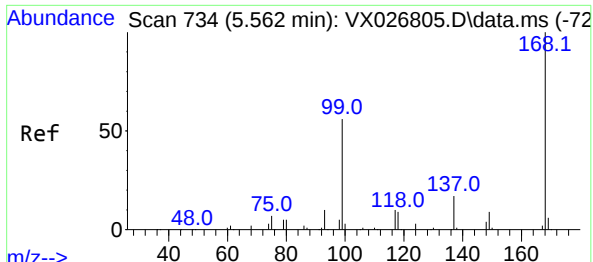
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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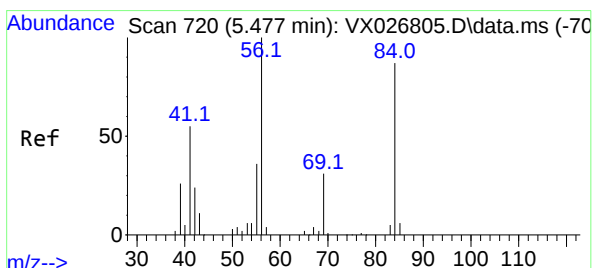
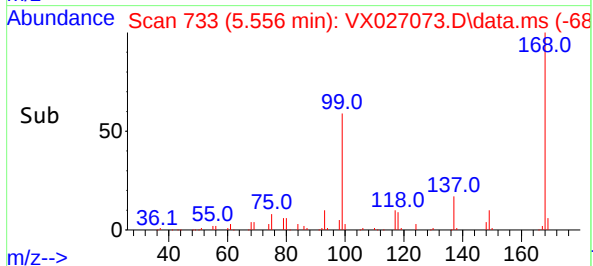
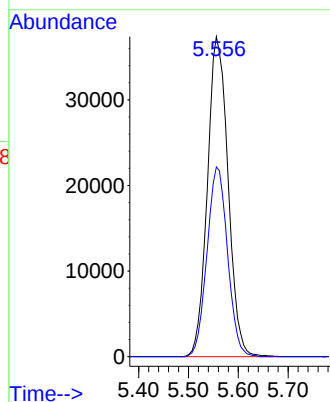
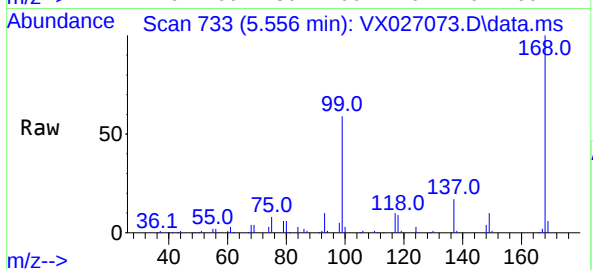




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

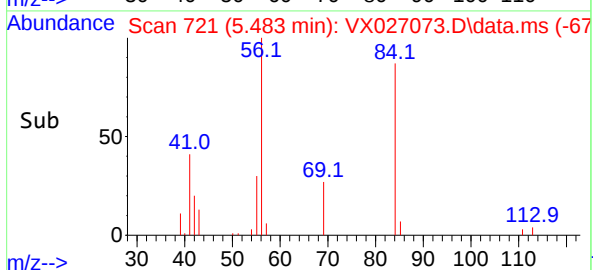
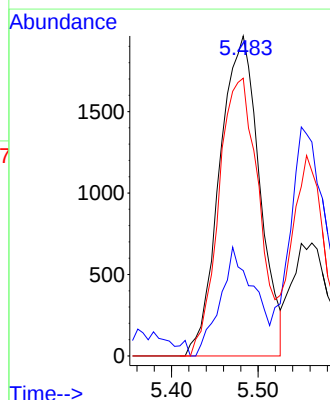
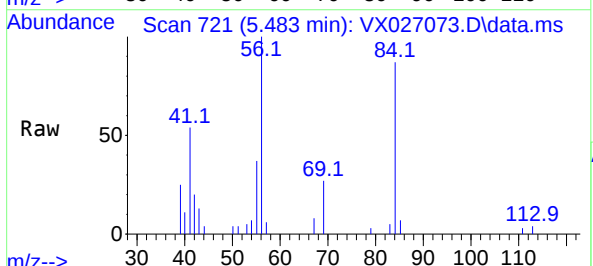
Instrument :
MSVOA_X
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MW-14RDL

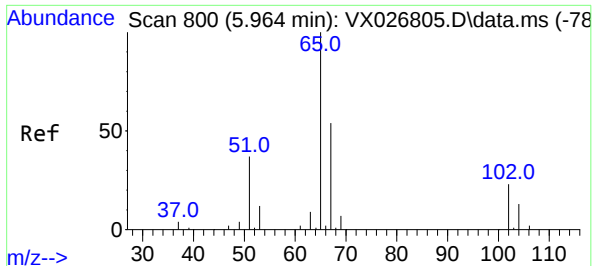
Tgt Ion:168 Resp: 107494
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#31
Cyclohexane
Concen: 3.066 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Tgt Ion: 56 Resp: 6286
Ion Ratio Lower Upper
56 100
69 23.5 25.8 38.6#
84 86.8 68.9 103.3

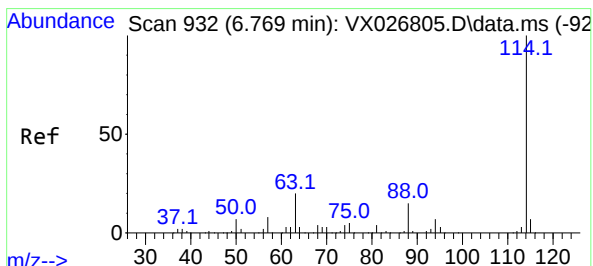
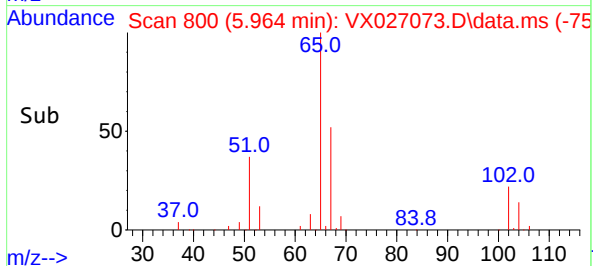
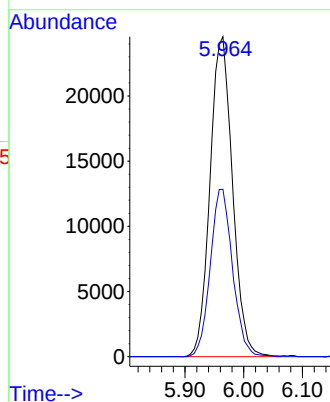
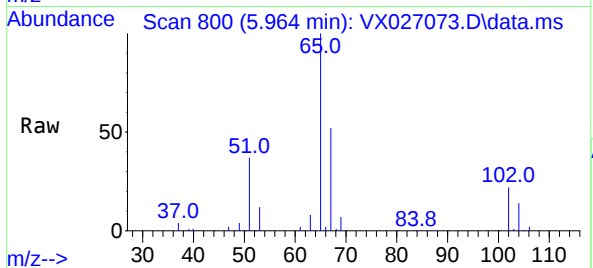




#33
1,2-Dichloroethane-d4
Concen: 50.620 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

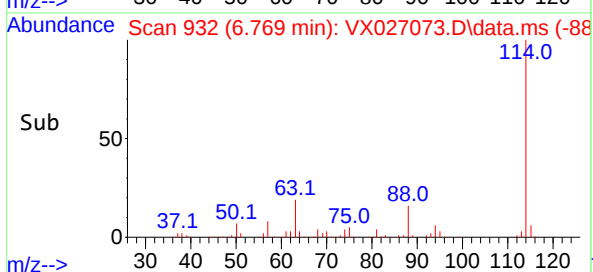
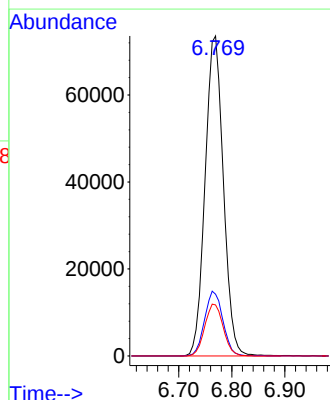
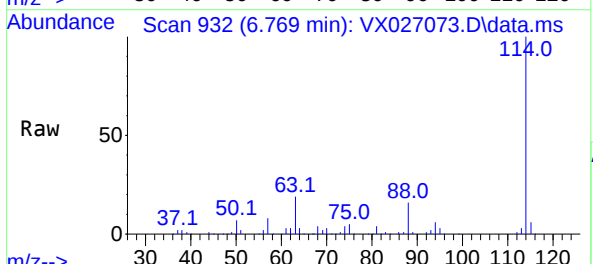
Instrument :
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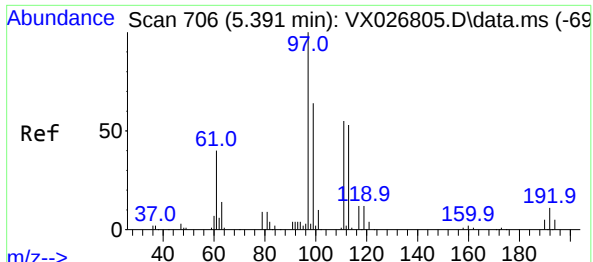
Tgt Ion: 65 Resp: 65318
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Tgt Ion: 114 Resp: 176267
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.8
88 16.0 0.0 33.0

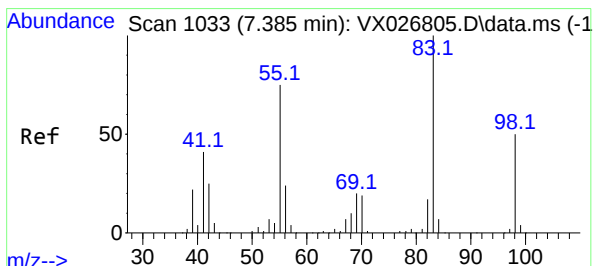
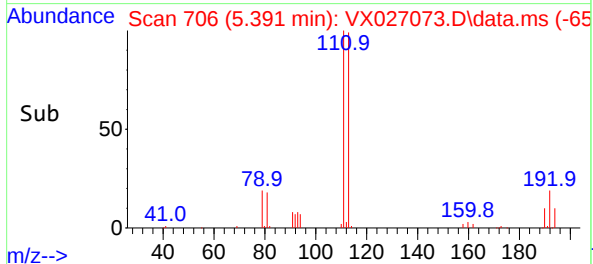
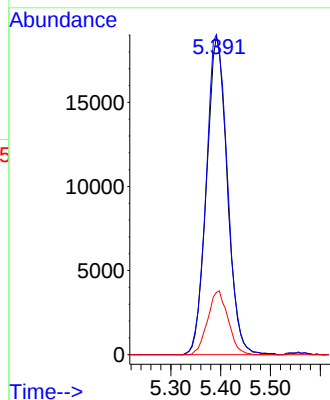
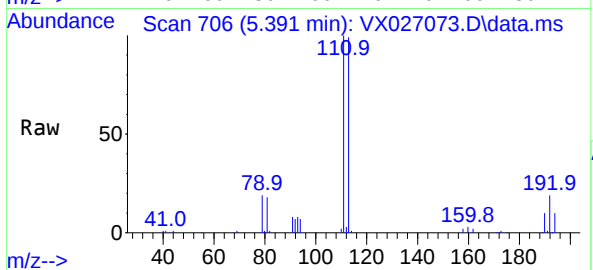




#35
Dibromofluoromethane
Concen: 51.985 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

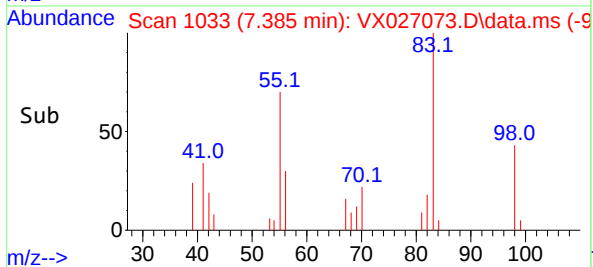
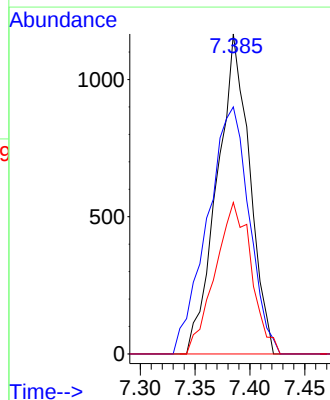
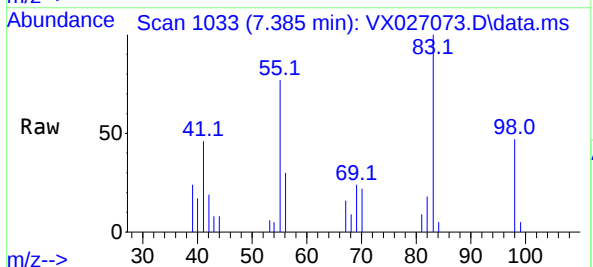
Instrument :
MSVOA_X
ClientSampleId :
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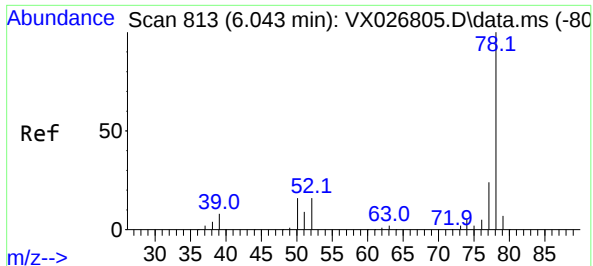
Tgt Ion:113 Resp: 54593
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.8 15.0 22.4



#39
Methylcyclohexane
Concen: 1.182 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Tgt Ion: 83 Resp: 2402
Ion Ratio Lower Upper
83 100
55 77.2 63.6 95.4
98 47.3 38.4 57.6

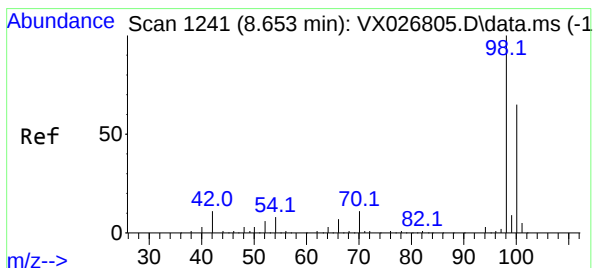
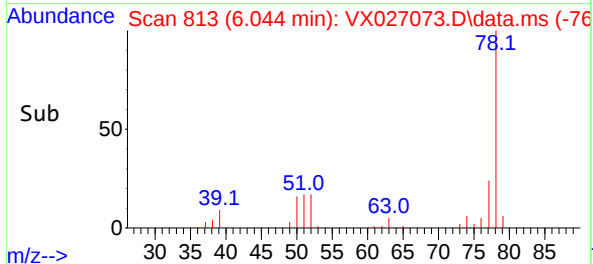
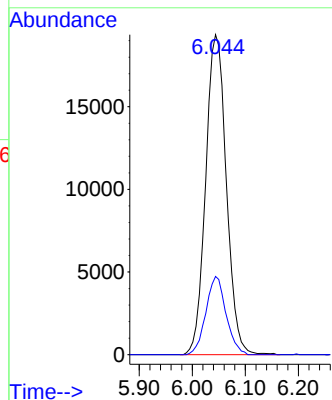
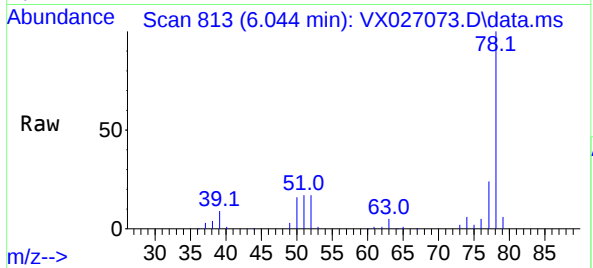




#40
Benzene
Concen: 10.869 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

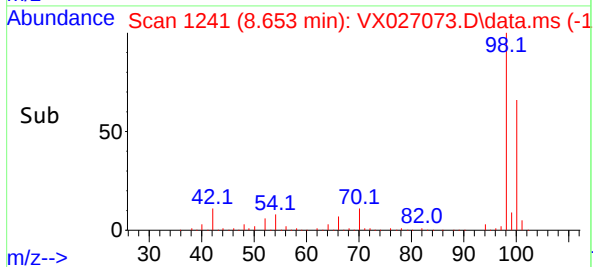
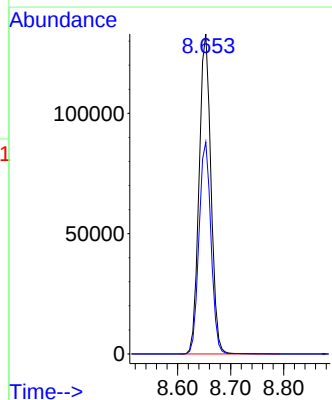
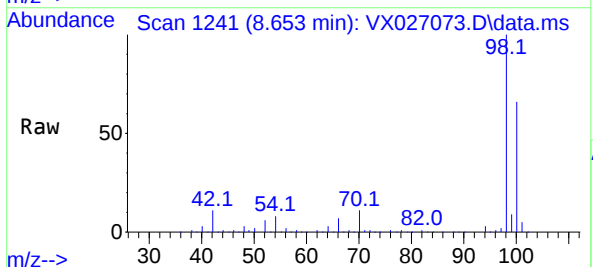
Instrument :
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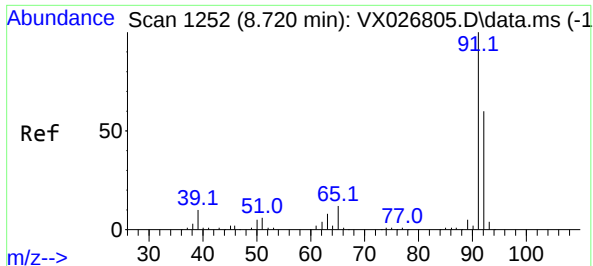
Tgt Ion: 78 Resp: 52480
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3



#50
Toluene-d8
Concen: 53.582 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Tgt Ion: 98 Resp: 206552
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8

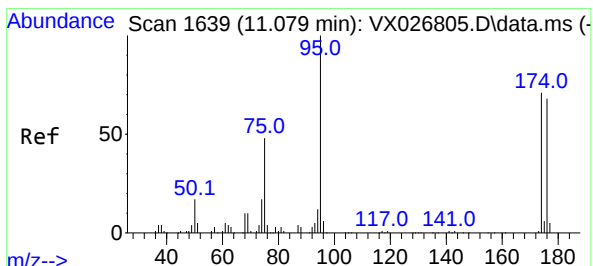
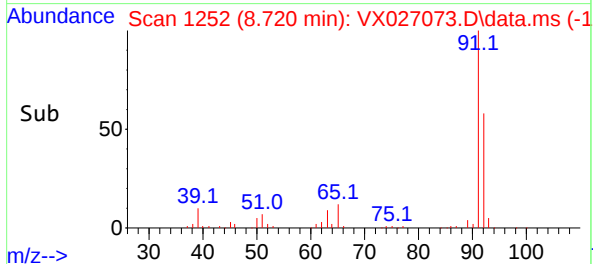
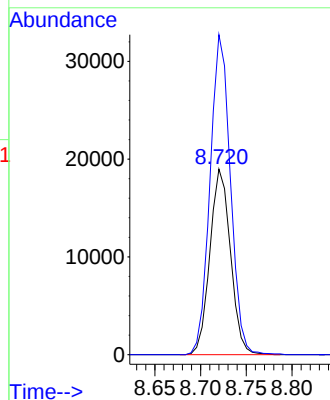
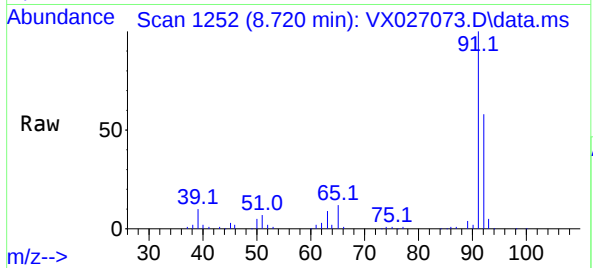




#52
Toluene
Concen: 9.719 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

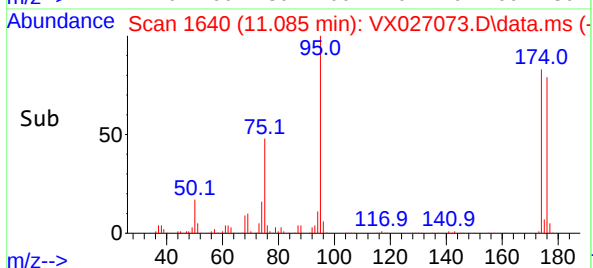
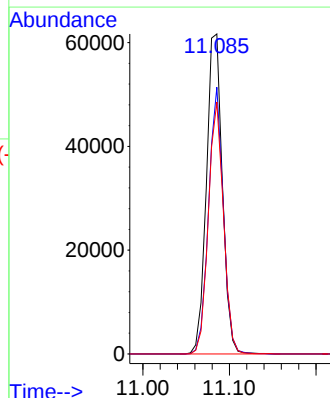
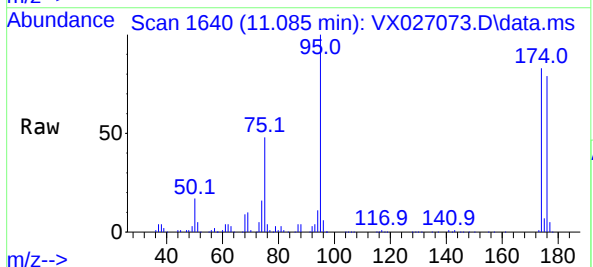
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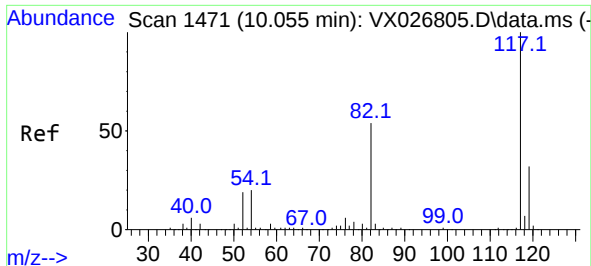
Tgt Ion: 92 Resp: 29710
Ion Ratio Lower Upper
92 100
91 170.8 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 58.187 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Tgt Ion: 95 Resp: 78970
Ion Ratio Lower Upper
95 100
174 77.0 0.0 148.6
176 74.6 0.0 141.4

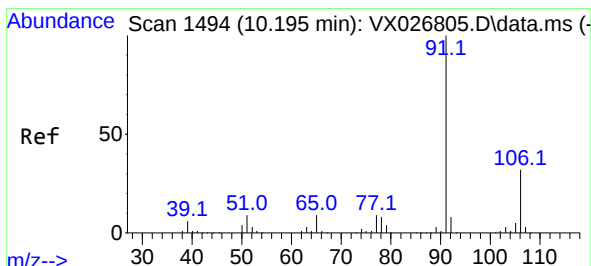
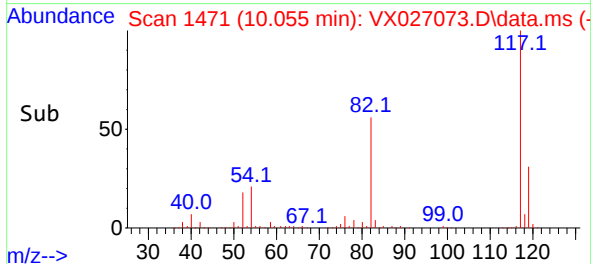
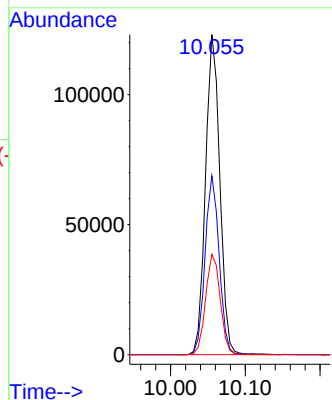
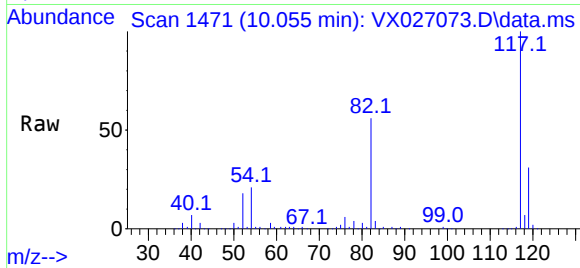




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

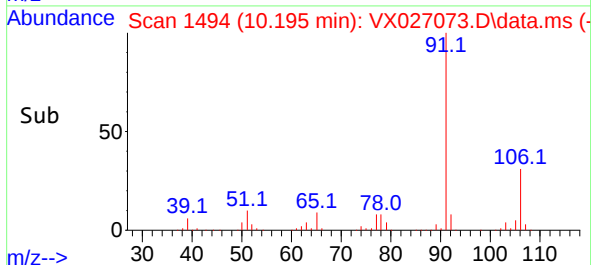
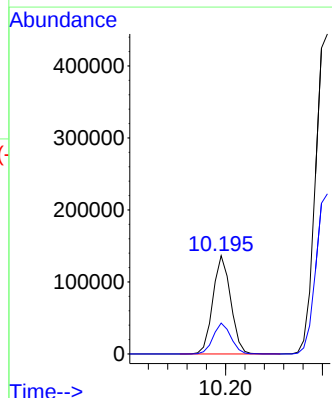
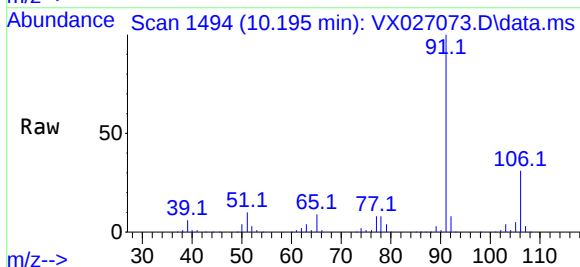
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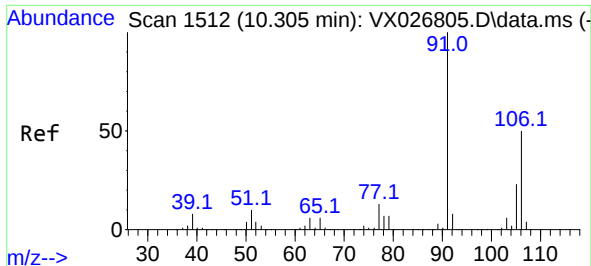
Tgt Ion:117 Resp: 163924
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 31.4 26.2 39.2



#67
Ethyl Benzene
Concen: 29.083 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Tgt Ion: 91 Resp: 174499
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1

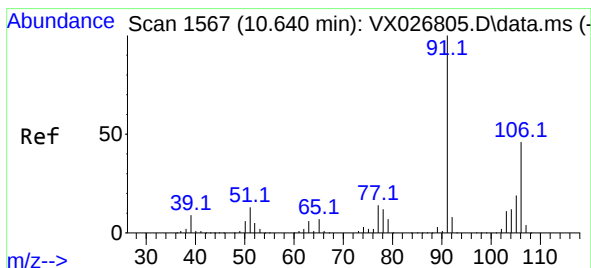
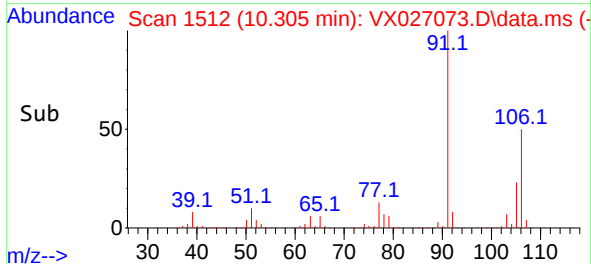
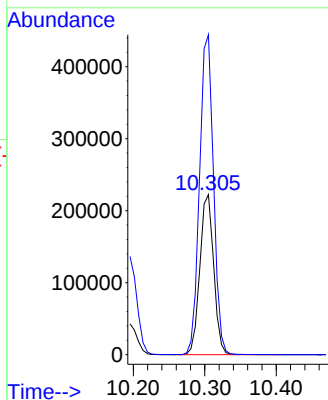
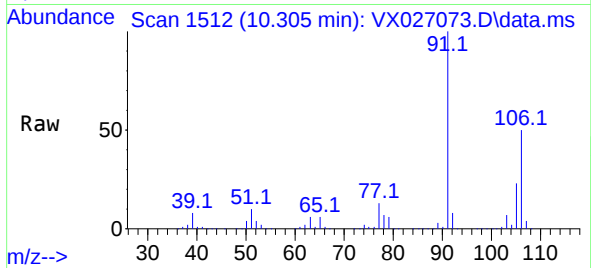




#68
m/p-Xylenes
Concen: 129.285 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

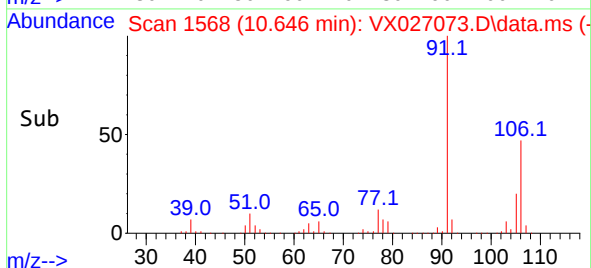
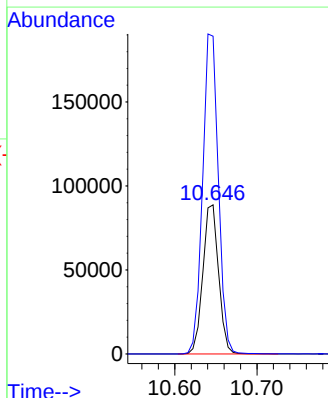
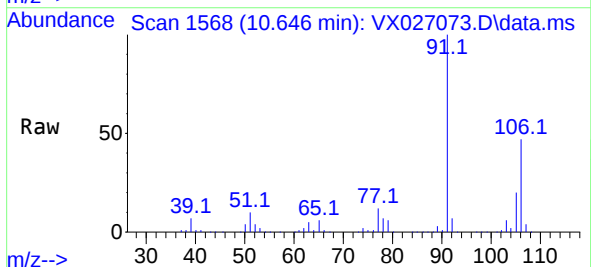
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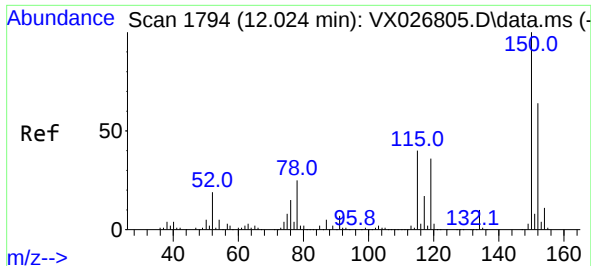
Tgt Ion:106 Resp: 298456
Ion Ratio Lower Upper
106 100
91 201.9 165.3 247.9



#69
o-Xylene
Concen: 52.066 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Tgt Ion:106 Resp: 117775
Ion Ratio Lower Upper
106 100
91 215.3 109.7 329.0

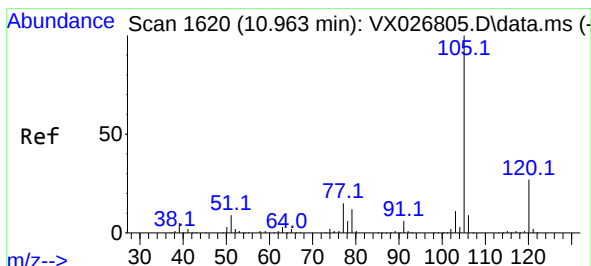
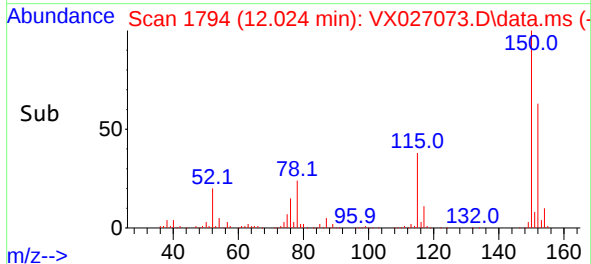
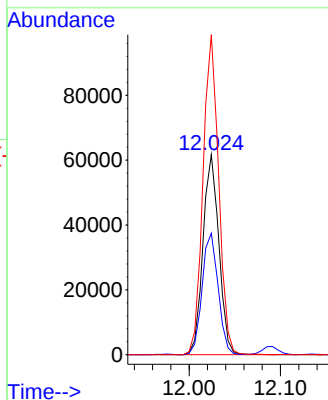
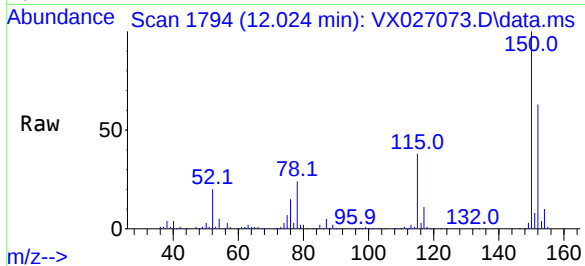




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

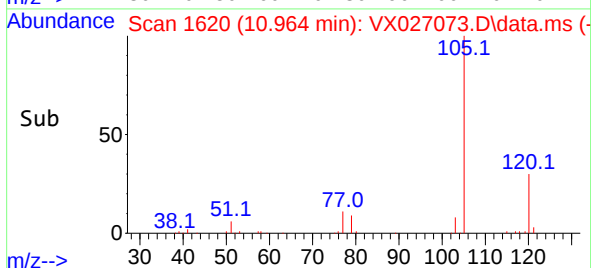
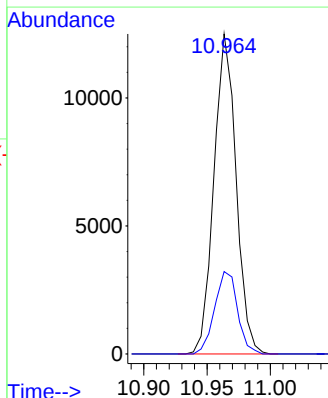
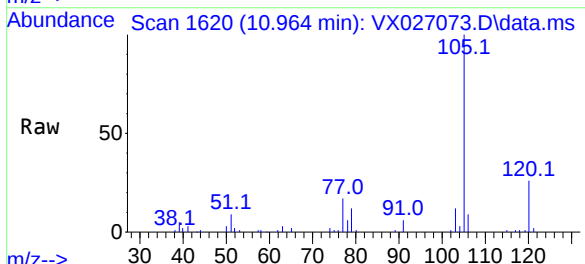
Instrument :
MSVOA_X
ClientSampleId :
MW-14RDL

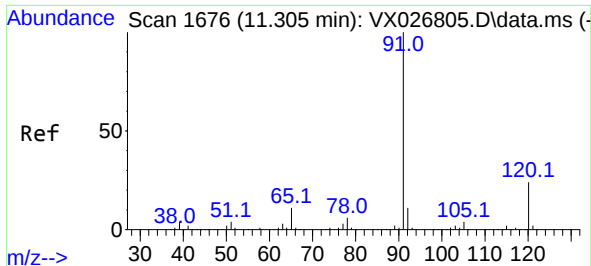
Tgt Ion:152 Resp: 74257
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 157.6 0.0 348.2



#73
Isopropylbenzene
Concen: 2.598 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Tgt Ion:105 Resp: 15197
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

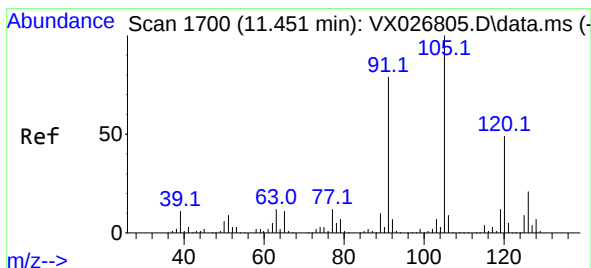
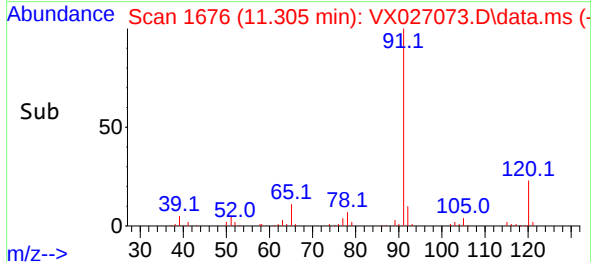
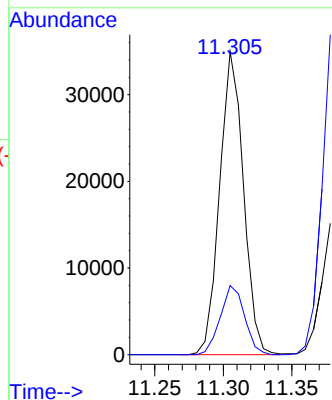
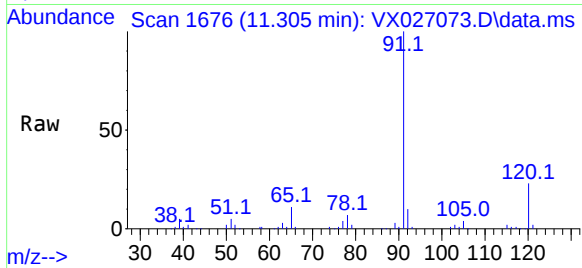




#78
n-propylbenzene
Concen: 6.507 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

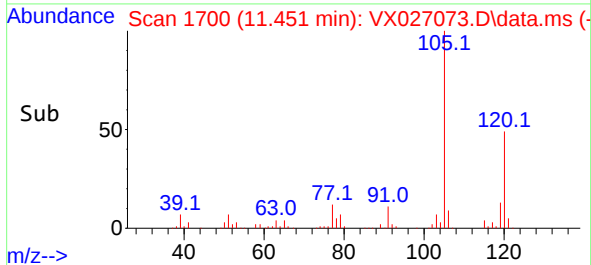
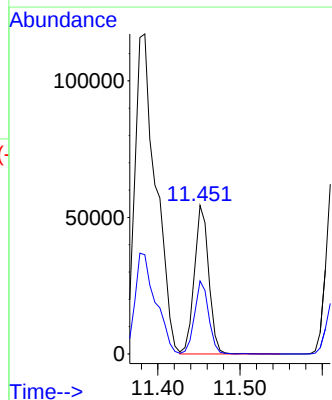
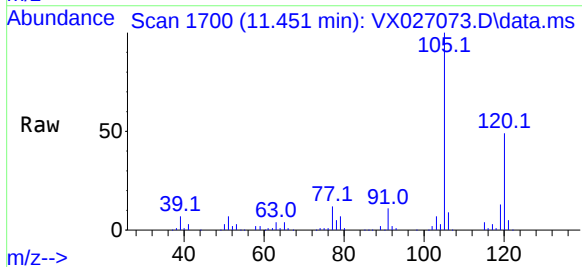
Instrument :
MSVOA_X
ClientSampleId :
MW-14RDL

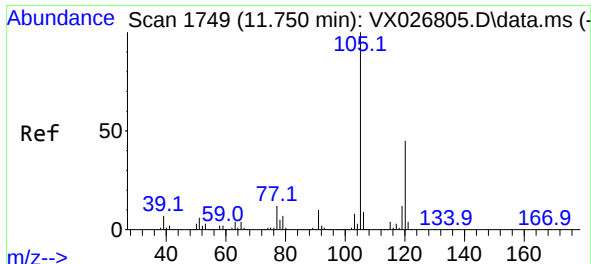
Tgt Ion: 91 Resp: 42194
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 13.761 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Tgt Ion: 105 Resp: 66243
Ion Ratio Lower Upper
105 100
120 47.9 24.0 72.0

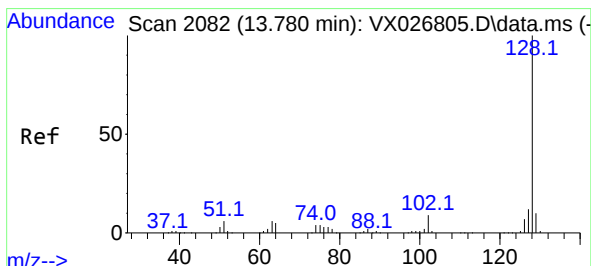
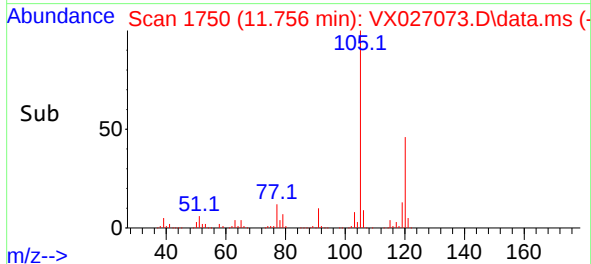
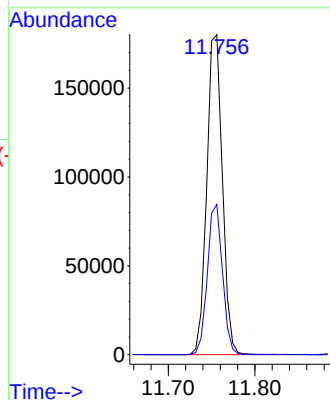
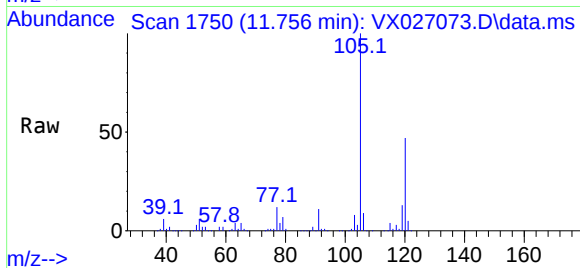




#84
1,2,4-Trimethylbenzene
Concen: 46.499 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Instrument :
MSVOA_X
ClientSampleId :
MW-14RDL

Tgt Ion:105 Resp: 225783
Ion Ratio Lower Upper
105 100
120 45.6 21.9 65.5



#95
Naphthalene
Concen: 7.310 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027073.D
Acq: 17 Feb 2022 13:26

Tgt Ion:128 Resp: 39723
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.9 8.7 13.1

