

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030331.D
 Acq On : 01 Aug 2022 18:38
 Operator : JC/MD
 Sample : N3861-14 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2-INCH

Quant Time: Aug 02 01:56:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

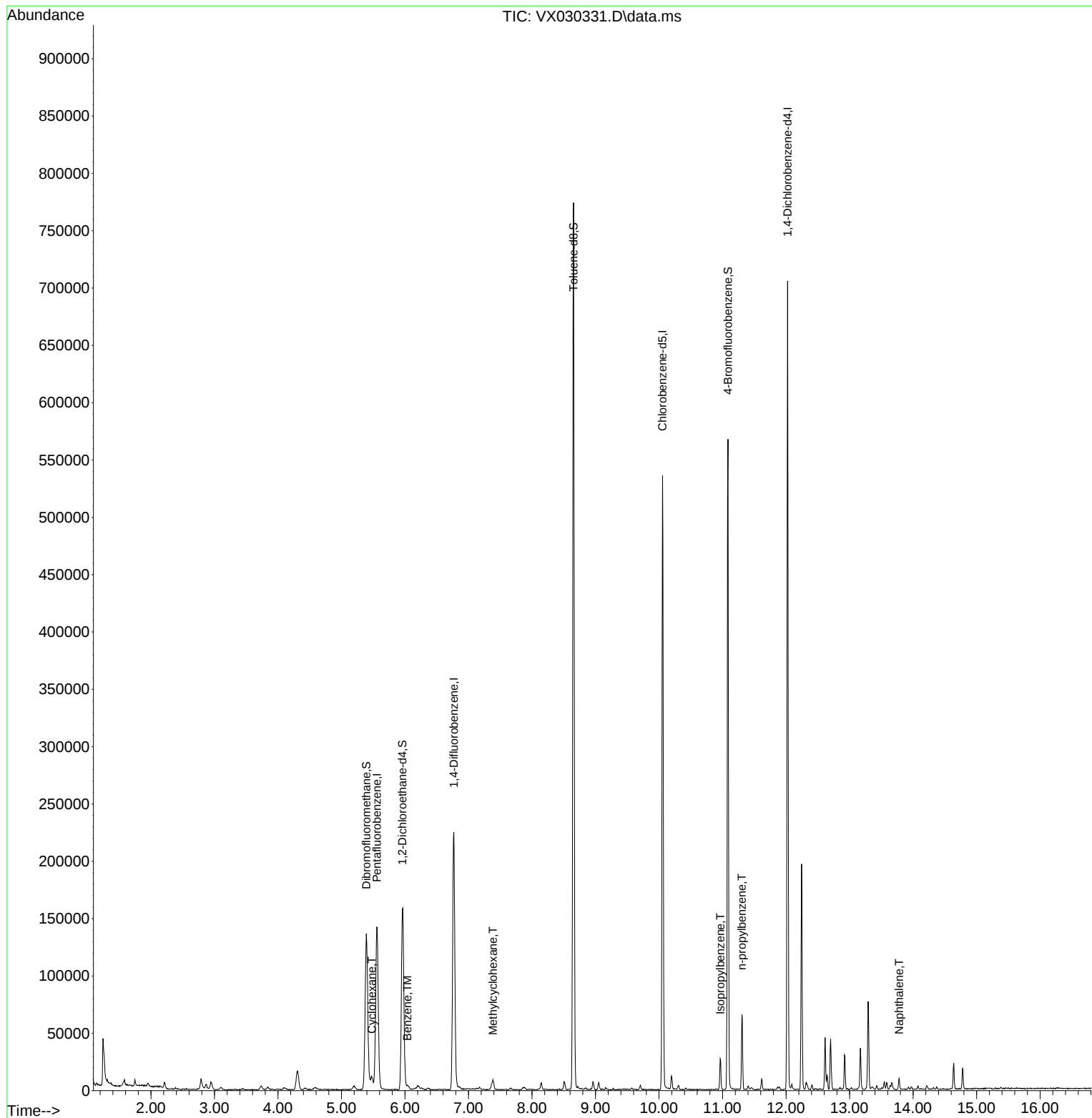
Internal Standards						
1) Pentafluorobenzene	5.556	168	133099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151255	56.540	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.080%	
35) Dibromofluoromethane	5.391	113	121624	55.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.060%	
50) Toluene-d8	8.653	98	449659	52.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.080%	
62) 4-Bromofluorobenzene	11.085	95	156848	49.380	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.760%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.476	56	6793	1.749	ug/l #	88
39) Methylcyclohexane	7.385	83	3448	0.840	ug/l	91
40) Benzene	6.037	78	3083	0.308	ug/l	95
73) Isopropylbenzene	10.963	105	13762	1.294	ug/l	100
78) n-propylbenzene	11.305	91	40992	3.230	ug/l	99
95) Naphthalene	13.780	128	5732	0.531	ug/l #	95

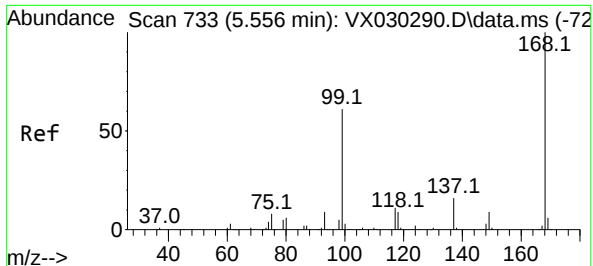
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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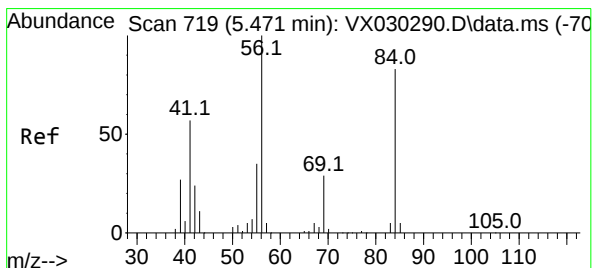
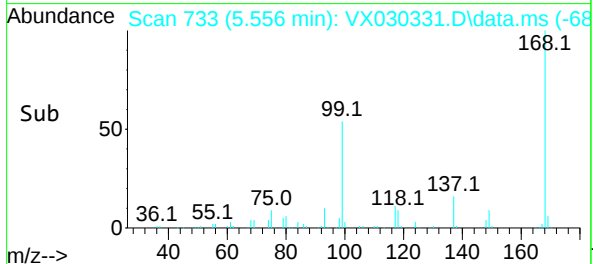
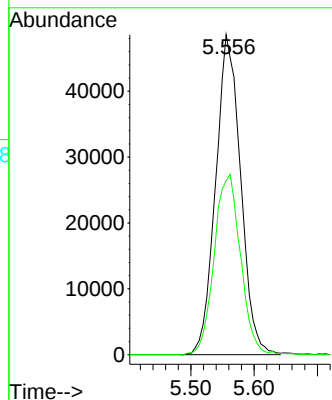
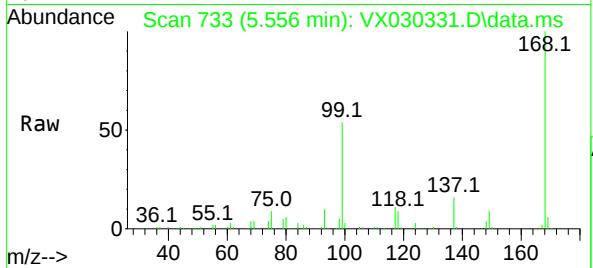




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030331.D
Acq: 01 Aug 2022 18:38

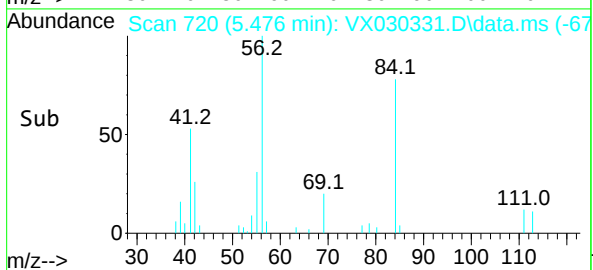
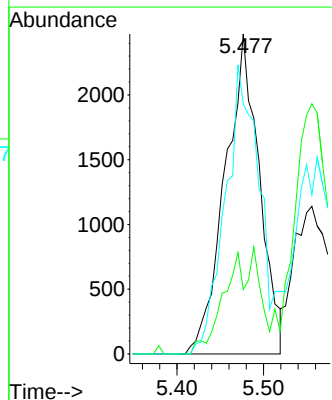
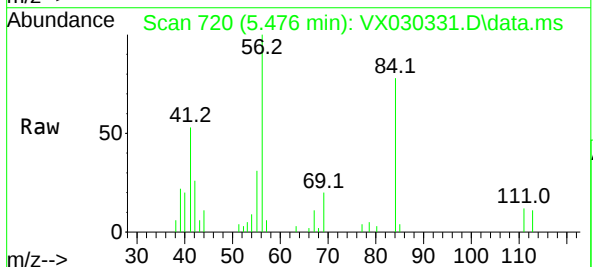
Instrument :
MSVOA_X
ClientSampleId :
2-INCH

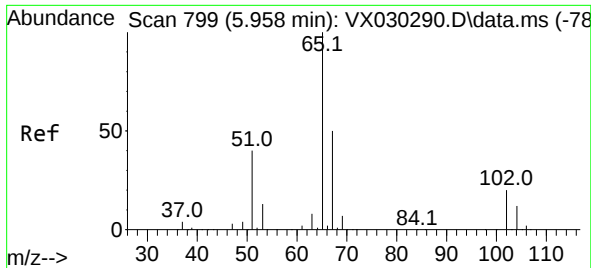
Tgt Ion:168 Resp: 133099
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#31
Cyclohexane
Concen: 1.749 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX030331.D
Acq: 01 Aug 2022 18:38

Tgt Ion: 56 Resp: 6793
Ion Ratio Lower Upper
56 100
69 20.2 25.4 38.0#
84 78.1 68.9 103.3

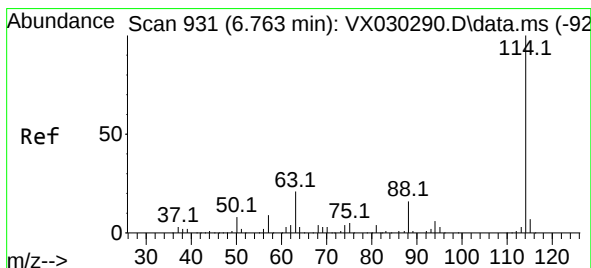
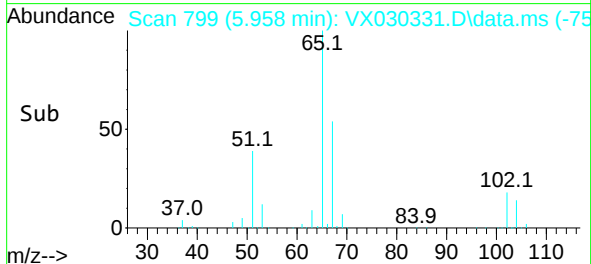
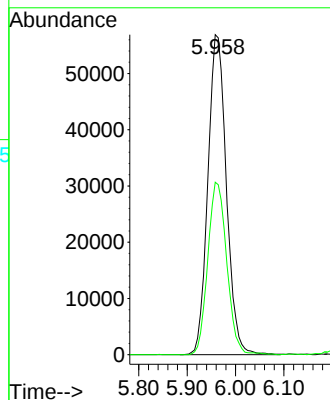
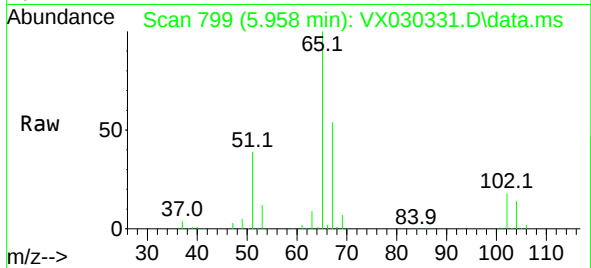




#33
 1,2-Dichloroethane-d4
 Concen: 56.540 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX030331.D
 Acq: 01 Aug 2022 18:38

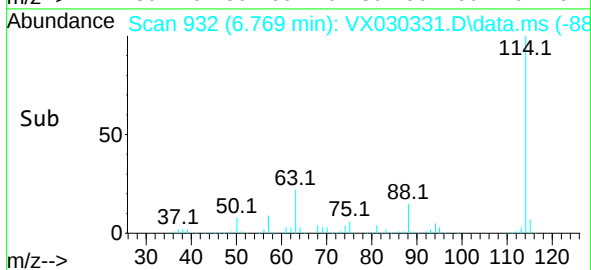
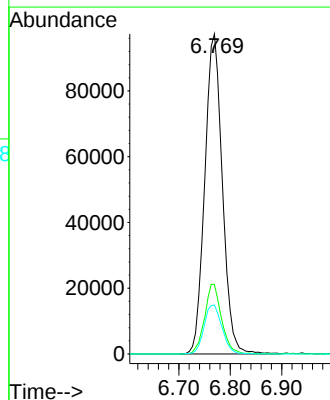
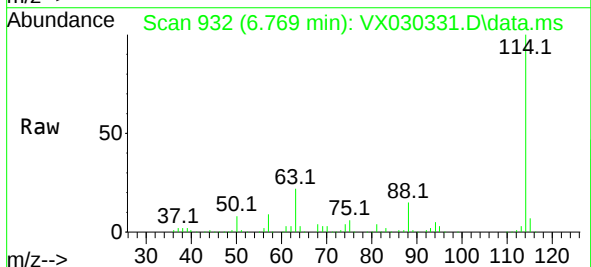
Instrument :
 MSVOA_X
 ClientSampleId :
 2-INCH

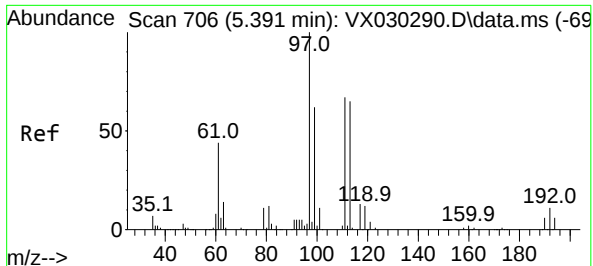
Tgt Ion: 65 Resp: 151255
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX030331.D
 Acq: 01 Aug 2022 18:38

Tgt Ion: 114 Resp: 231186
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 38.4
 88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.033 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030331.D

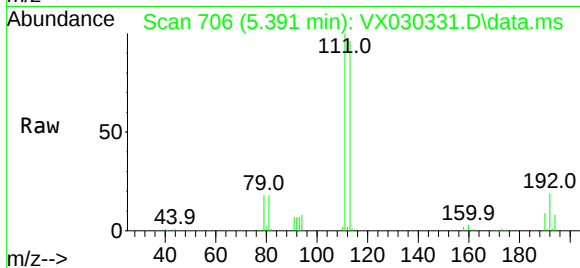
Acq: 01 Aug 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

2-INCH



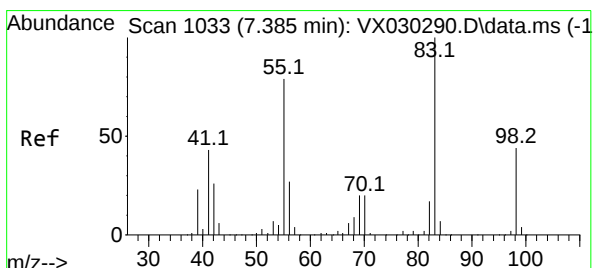
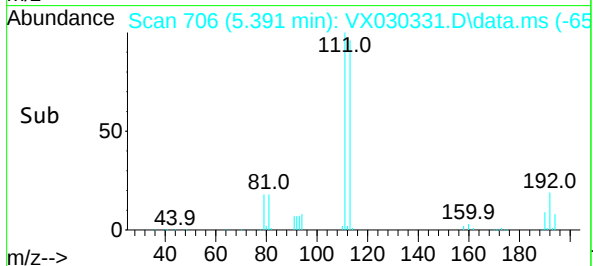
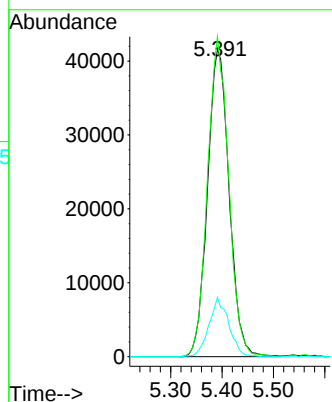
Tgt Ion:113 Resp: 121624

Ion Ratio Lower Upper

113 100

111 101.5 83.2 124.8

192 17.6 14.8 22.2



#39

Methylcyclohexane

Concen: 0.840 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.001 min

Lab File: VX030331.D

Acq: 01 Aug 2022 18:38

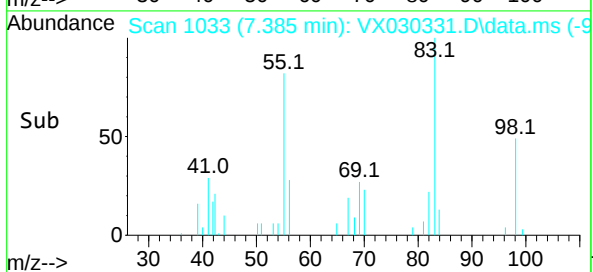
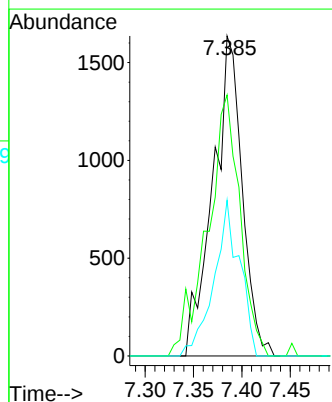
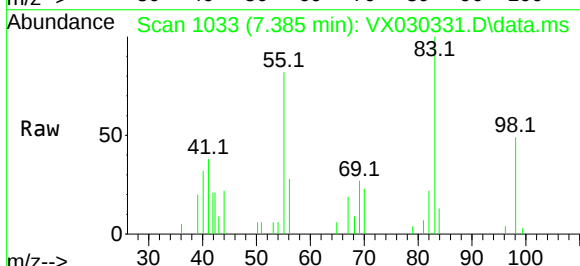
Tgt Ion: 83 Resp: 3448

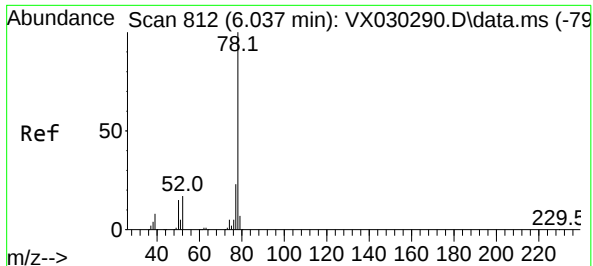
Ion Ratio Lower Upper

83 100

55 81.5 57.7 86.5

98 48.7 36.5 54.7

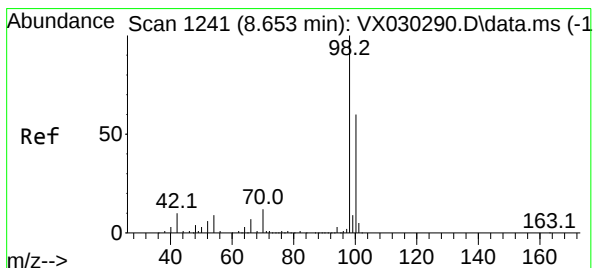
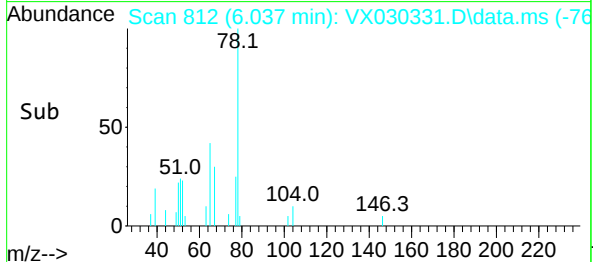
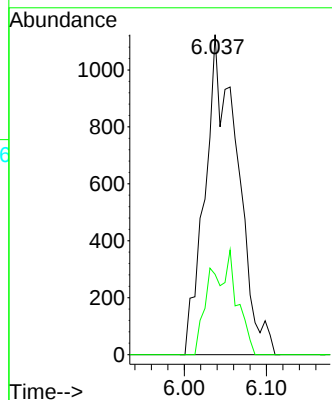
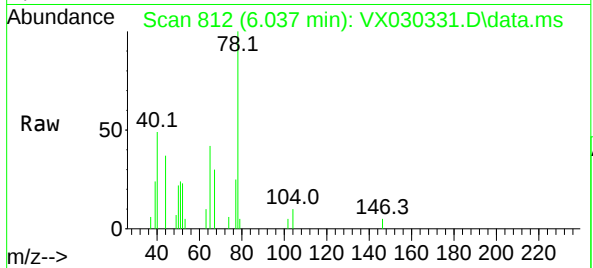




#40
Benzene
Concen: 0.308 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX030331.D
Acq: 01 Aug 2022 18:38

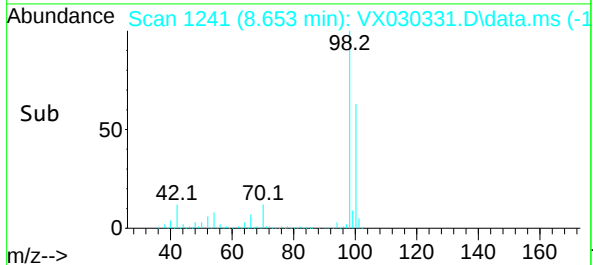
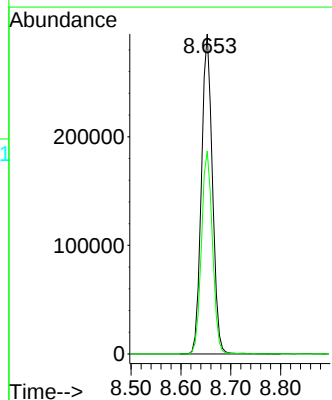
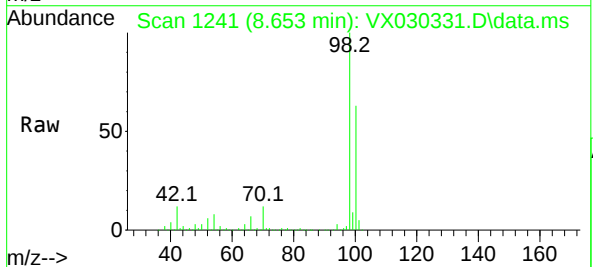
Instrument :
MSVOA_X
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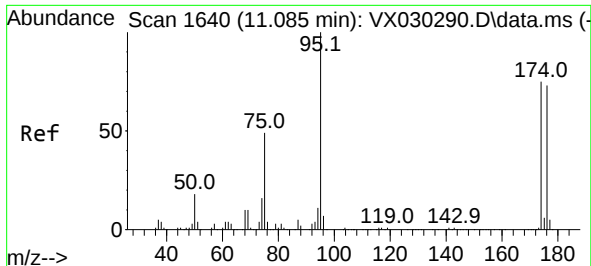
Tgt Ion: 78 Resp: 3083
Ion Ratio Lower Upper
78 100
77 25.1 18.0 27.0



#50
Toluene-d8
Concen: 52.539 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030331.D
Acq: 01 Aug 2022 18:38

Tgt Ion: 98 Resp: 449659
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5

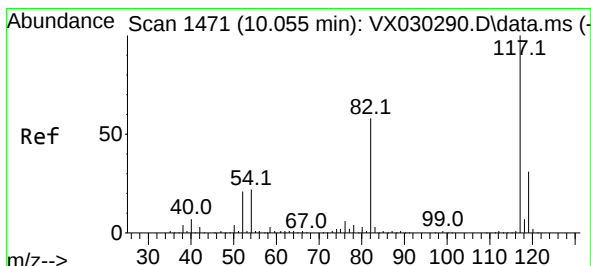
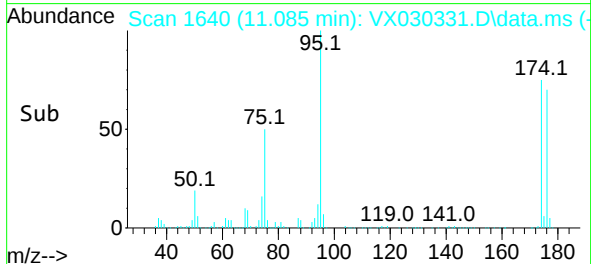
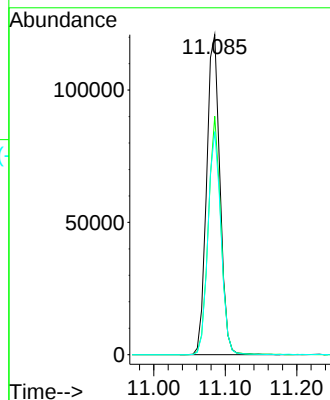
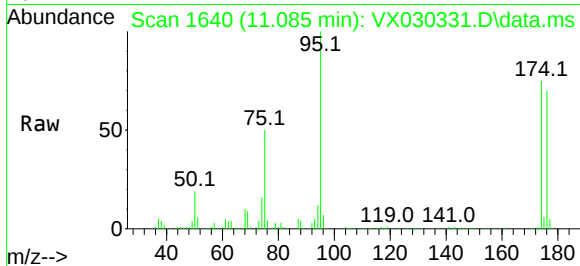




#62
4-Bromofluorobenzene
Concen: 49.380 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030331.D
Acq: 01 Aug 2022 18:38

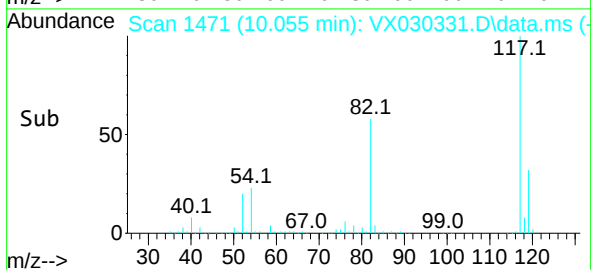
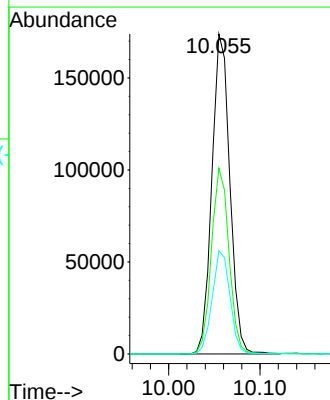
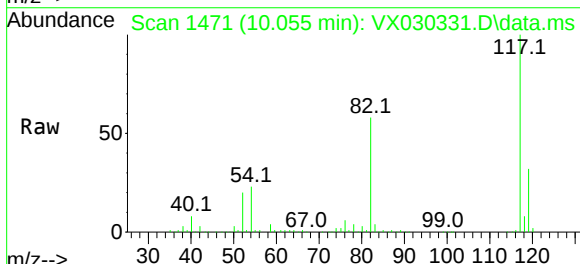
Instrument :
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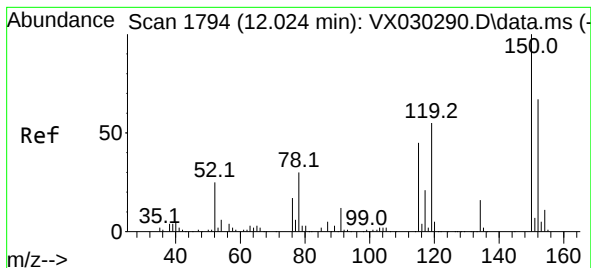
Tgt Ion: 95 Resp: 156848
Ion Ratio Lower Upper
95 100
174 70.2 0.0 149.0
176 67.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030331.D
Acq: 01 Aug 2022 18:38

Tgt Ion: 117 Resp: 236935
Ion Ratio Lower Upper
117 100
82 58.1 42.7 64.1
119 32.2 25.4 38.2

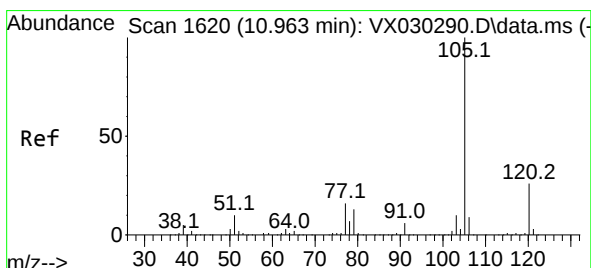
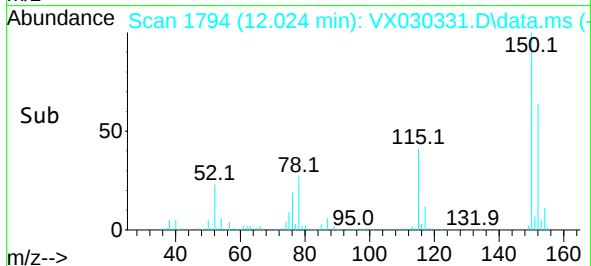
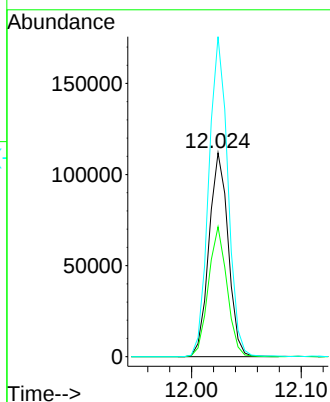
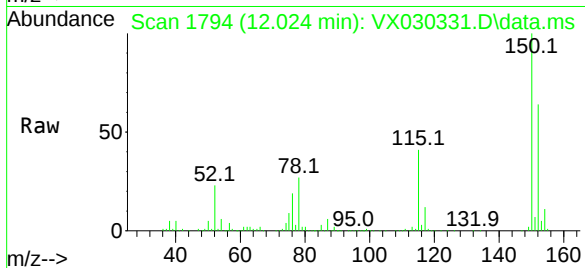




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030331.D
Acq: 01 Aug 2022 18:38

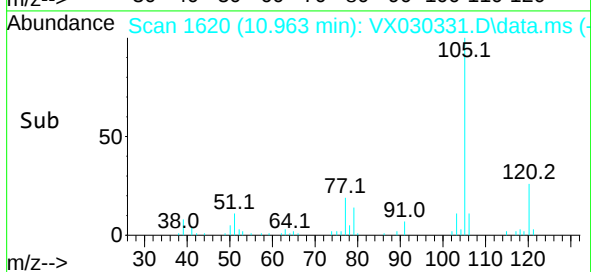
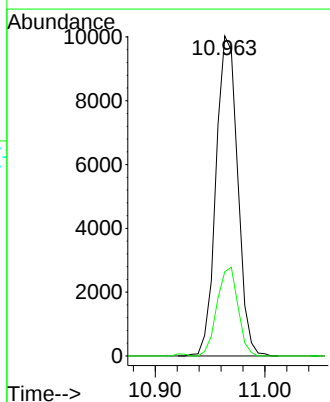
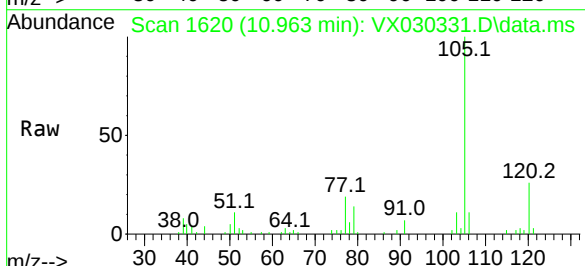
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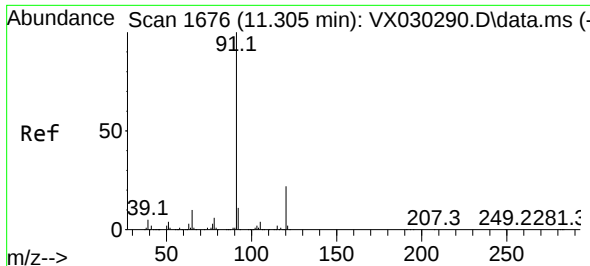
Tgt Ion:152 Resp: 136217
Ion Ratio Lower Upper
152 100
115 61.6 40.5 121.5
150 155.9 0.0 347.0



#73
Isopropylbenzene
Concen: 1.294 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030331.D
Acq: 01 Aug 2022 18:38

Tgt Ion:105 Resp: 13762
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

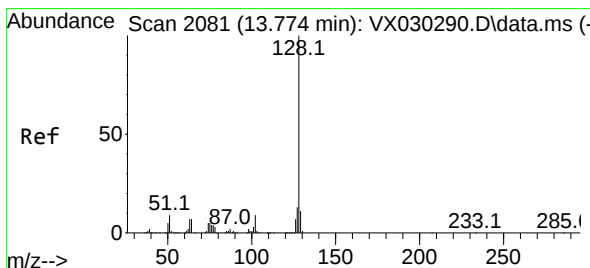
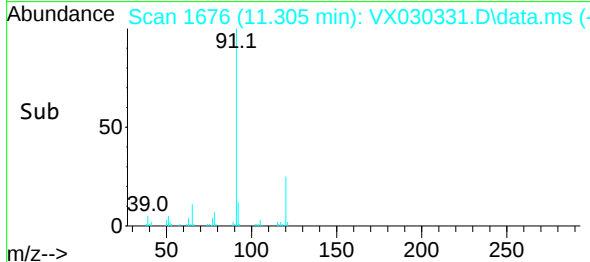
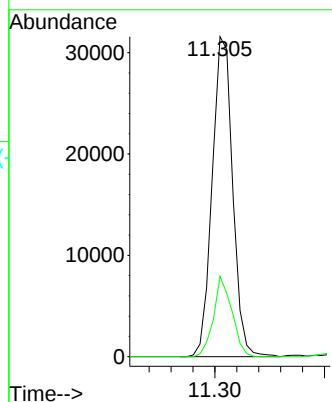
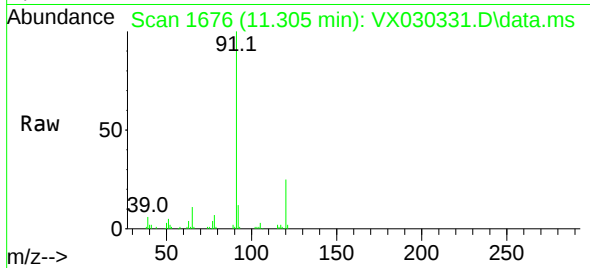




#78
n-propylbenzene
Concen: 3.230 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.005 min
Lab File: VX030331.D
Acq: 01 Aug 2022 18:38

Instrument :
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Tgt Ion: 91 Resp: 40992
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8



#95
Naphthalene
Concen: 0.531 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030331.D
Acq: 01 Aug 2022 18:38

Tgt Ion: 128 Resp: 5732
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.2
129 13.4 8.6 13.0#

