

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030997.D
 Acq On : 31 Aug 2022 23:46
 Operator : JC/MD
 Sample : N4380-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40

Quant Time: Sep 01 02:40:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

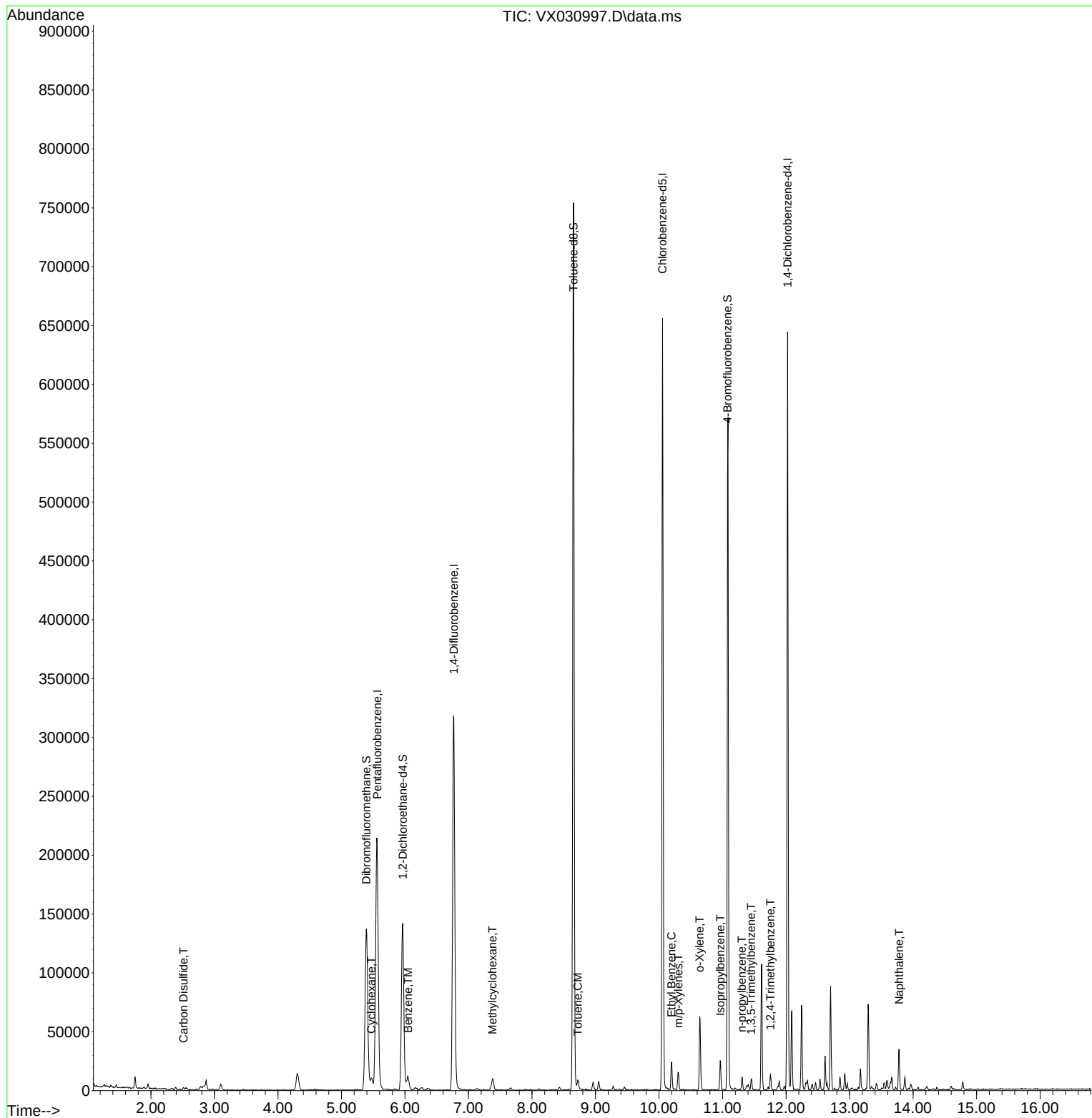
Internal Standards						
1) Pentafluorobenzene	5.562	168	213413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	355102	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137214	44.827	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.660%
35) Dibromofluoromethane	5.391	113	126211	48.216	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	8.653	98	473499	48.845	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	162123	46.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.920%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.514	76	2334	0.341	ug/l #	89
31) Cyclohexane	5.471	56	6332	1.398	ug/l	97
39) Methylcyclohexane	7.379	83	4540	0.954	ug/l #	80
40) Benzene	6.050	78	13232	1.180	ug/l	95
52) Toluene	8.720	92	3401	0.496	ug/l	82
67) Ethyl Benzene	10.195	91	14255	1.085	ug/l	95
68) m/p-Xylenes	10.305	106	3951	0.794	ug/l	95
69) o-Xylene	10.640	106	15030	3.085	ug/l	100
73) Isopropylbenzene	10.963	105	12413	1.121	ug/l	99
78) n-propylbenzene	11.305	91	6265	0.483	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3357	0.360	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	6228	0.652	ug/l	98
95) Naphthalene	13.780	128	22132	1.804	ug/l	98

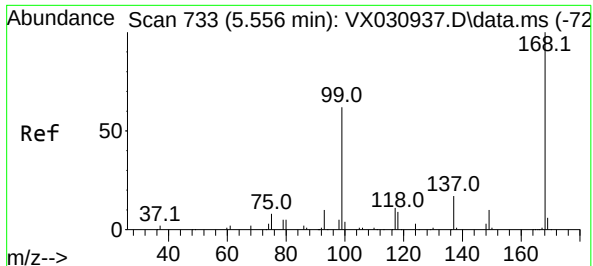
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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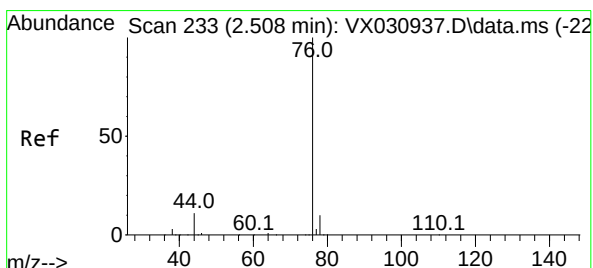
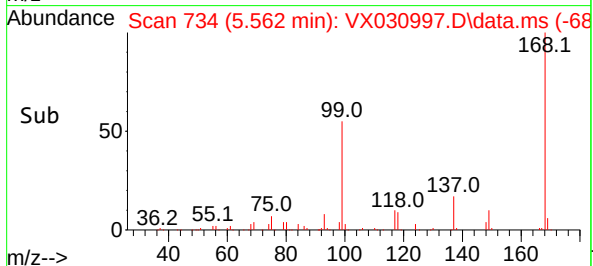
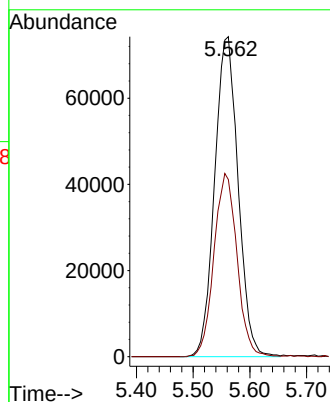
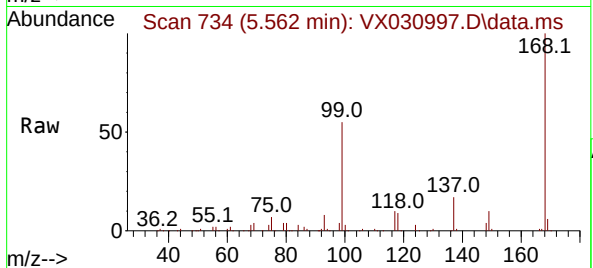




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

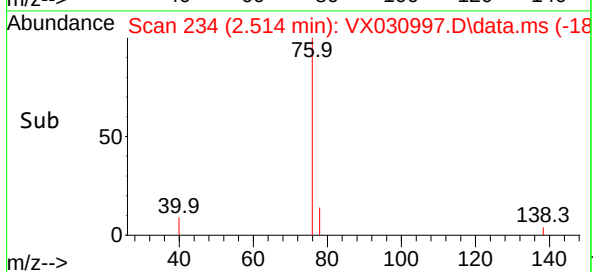
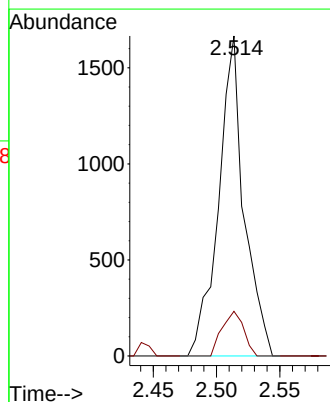
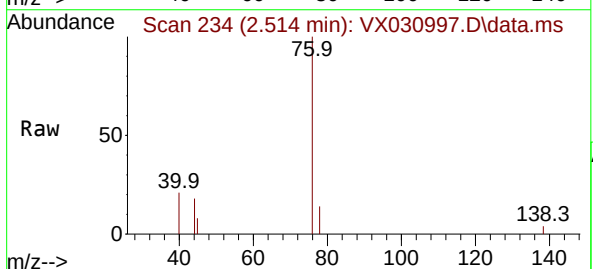
Instrument :
MSVOA_X
ClientSampleId :
MW-40

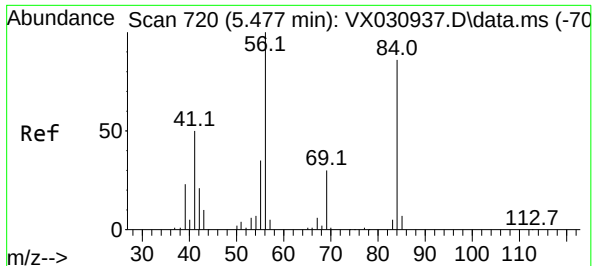
Tgt Ion:168 Resp: 213413
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#17
Carbon Disulfide
Concen: 0.341 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

Tgt Ion: 76 Resp: 2334
Ion Ratio Lower Upper
76 100
78 13.9 7.8 11.6#

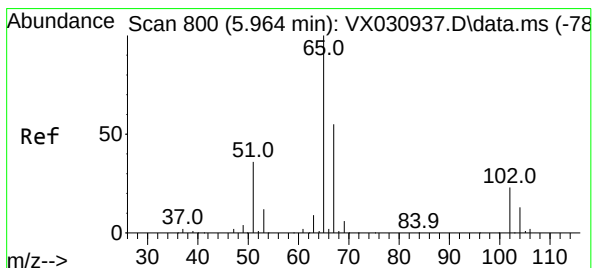
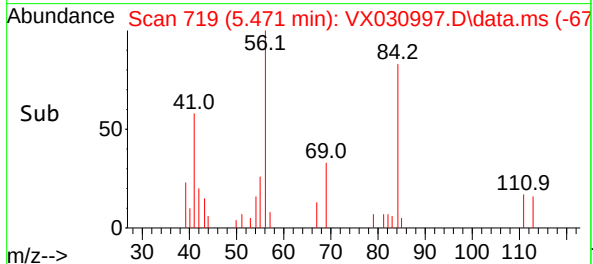
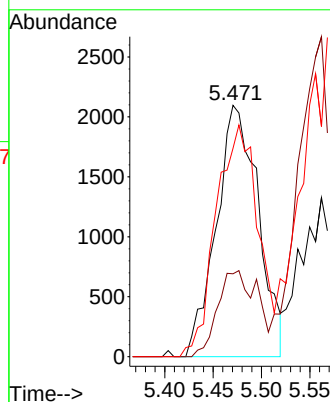
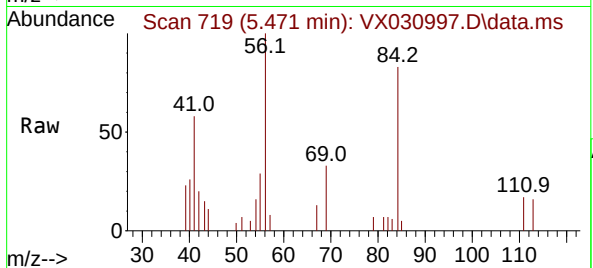




#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

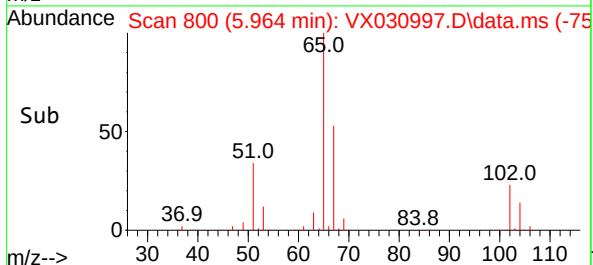
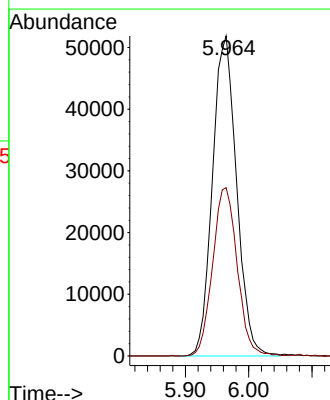
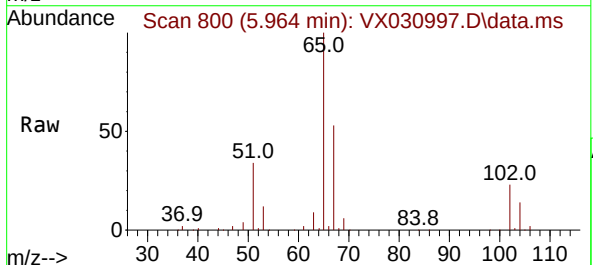
Instrument :
MSVOA_X
ClientSampleId :
MW-40

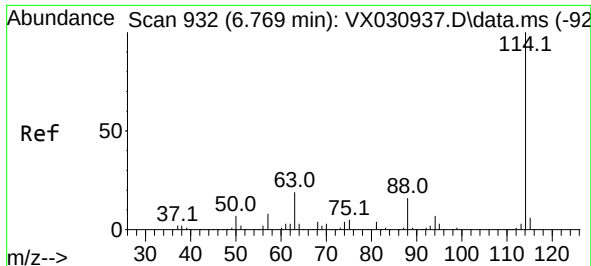
Tgt Ion: 56 Resp: 6332
Ion Ratio Lower Upper
56 100
69 33.0 25.4 38.0
84 82.8 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 44.827 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

Tgt Ion: 65 Resp: 137214
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

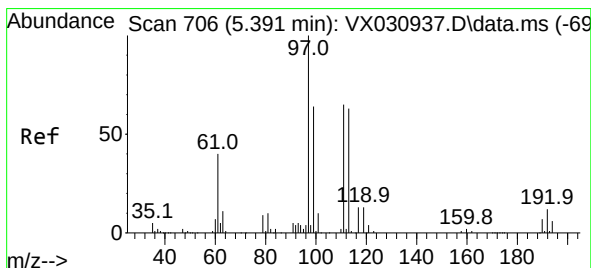
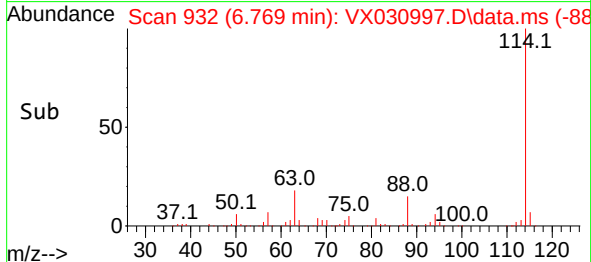
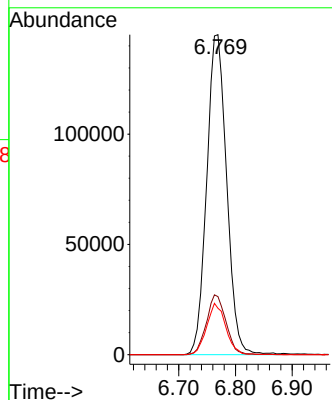
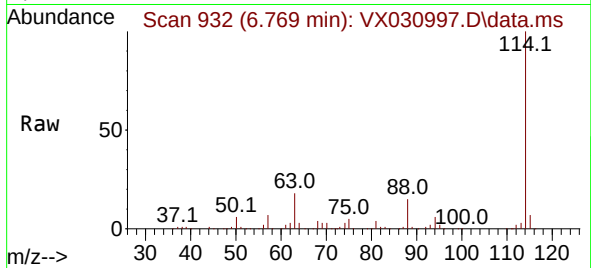




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

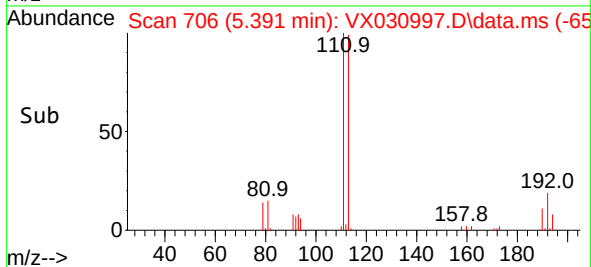
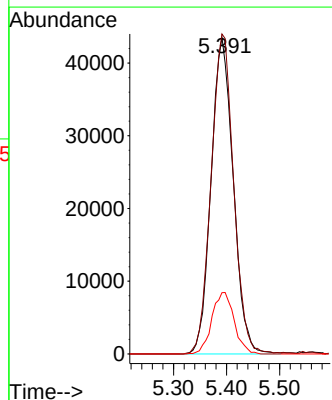
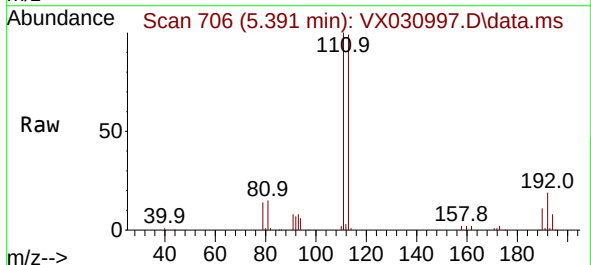
Instrument :
MSVOA_X
ClientSampleId :
MW-40

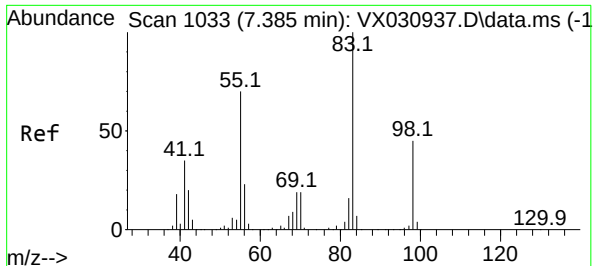
Tgt Ion:114 Resp: 355102
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.4
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.216 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

Tgt Ion:113 Resp: 126211
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 19.5 14.8 22.2





#39

Methylcyclohexane

Concen: 0.954 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX030997.D

Acq: 31 Aug 2022 23:46

Instrument :

MSVOA_X

ClientSampleId :

MW-40

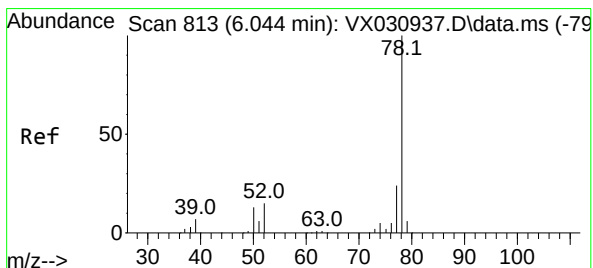
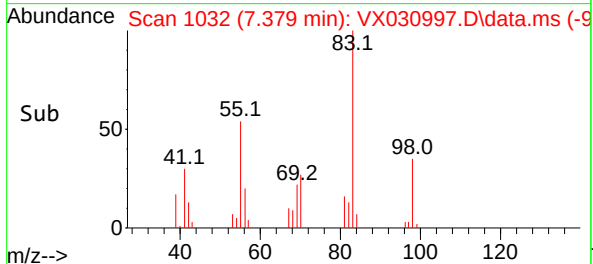
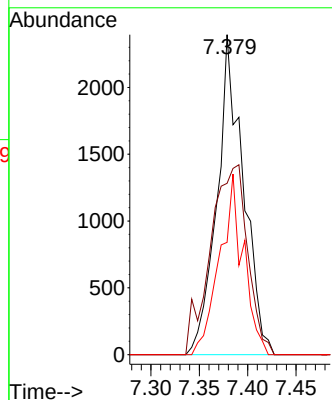
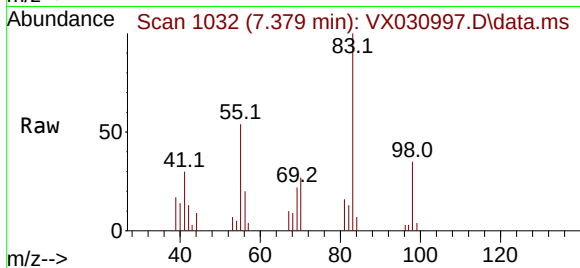
Tgt Ion: 83 Resp: 4540

Ion Ratio Lower Upper

83 100

55 53.6 57.7 86.5#

98 35.1 36.5 54.7#



#40

Benzene

Concen: 1.180 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX030997.D

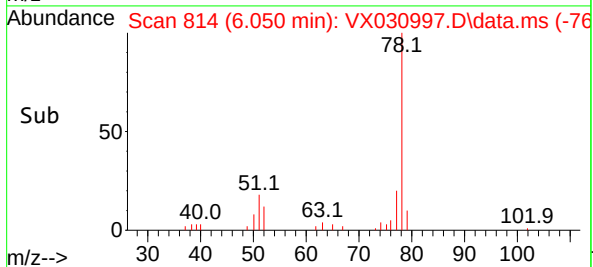
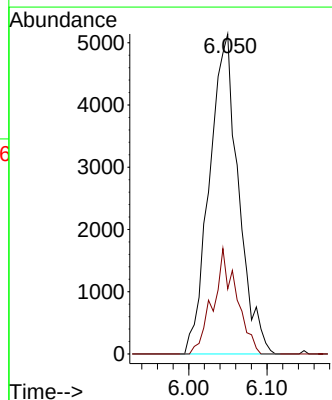
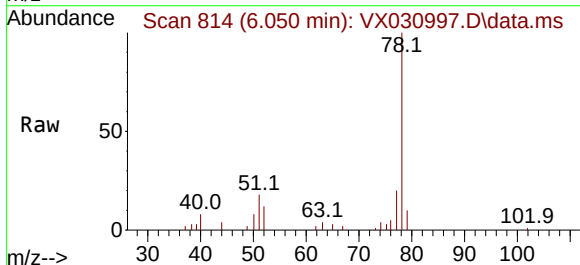
Acq: 31 Aug 2022 23:46

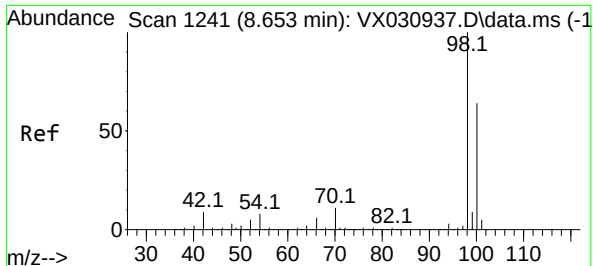
Tgt Ion: 78 Resp: 13232

Ion Ratio Lower Upper

78 100

77 20.3 18.0 27.0





#50

Toluene-d8

Concen: 48.845 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030997.D

Acq: 31 Aug 2022 23:46

Instrument :

MSVOA_X

ClientSampleId :

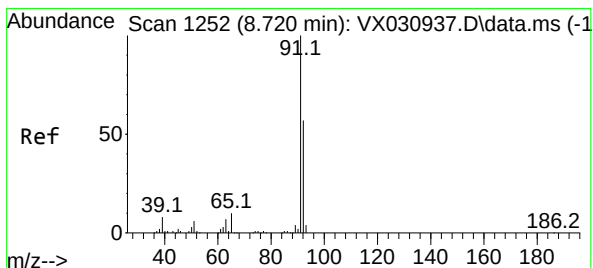
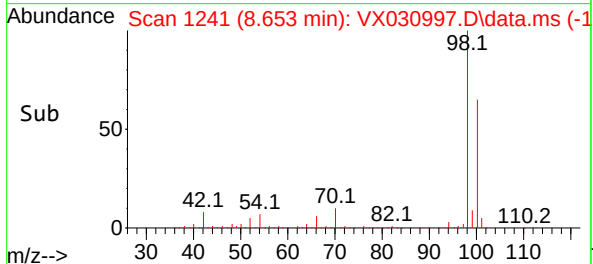
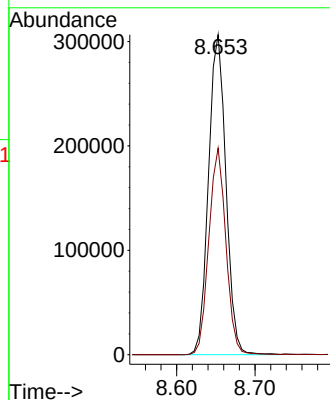
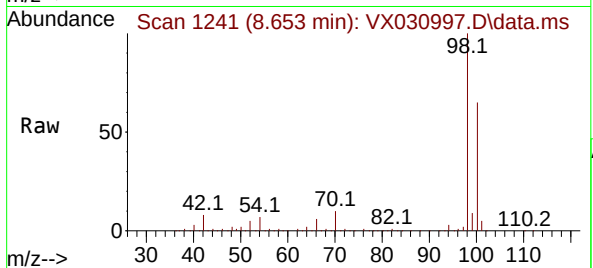
MW-40

Tgt Ion: 98 Resp: 473499

Ion Ratio Lower Upper

98 100

100 63.2 52.3 78.5



#52

Toluene

Concen: 0.496 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030997.D

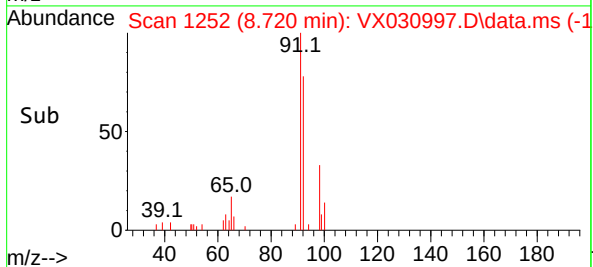
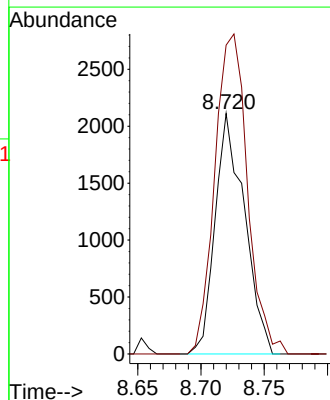
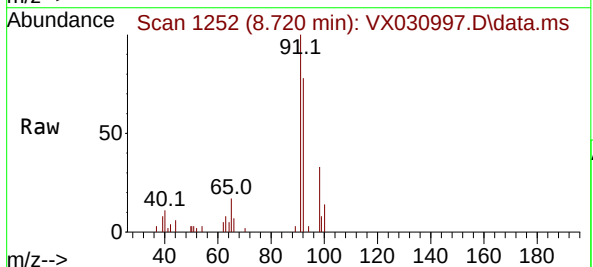
Acq: 31 Aug 2022 23:46

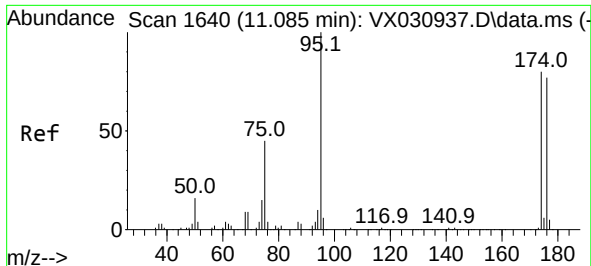
Tgt Ion: 92 Resp: 3401

Ion Ratio Lower Upper

92 100

91 148.5 139.2 208.8

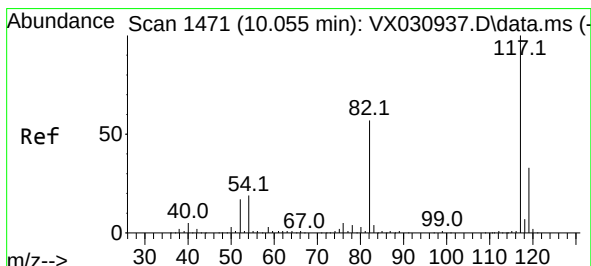
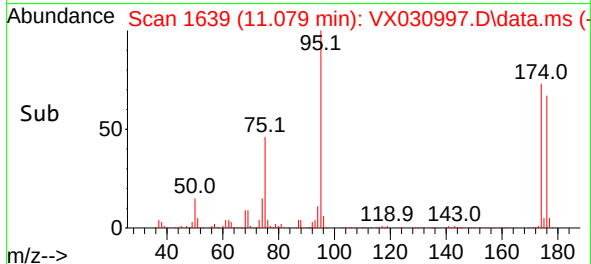
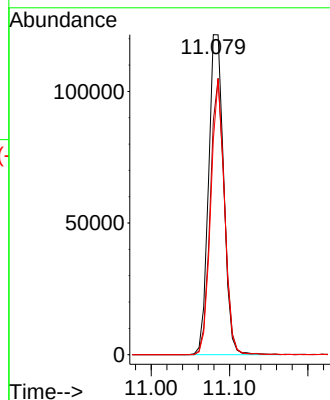
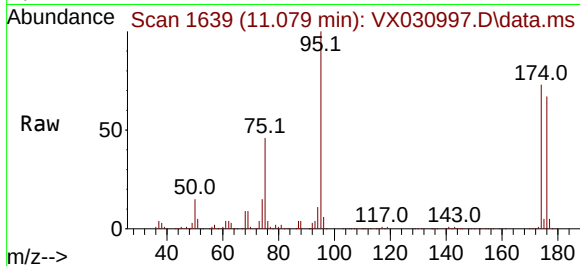




#62
4-Bromofluorobenzene
Concen: 46.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

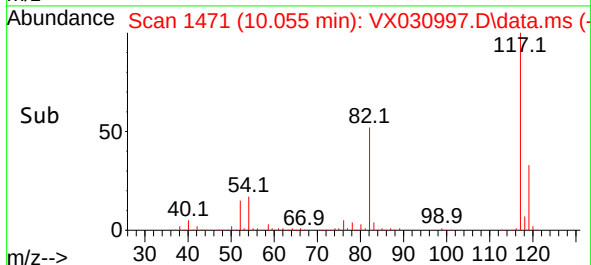
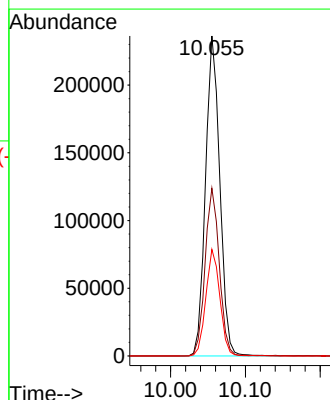
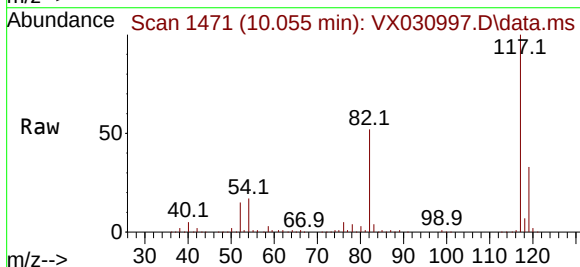
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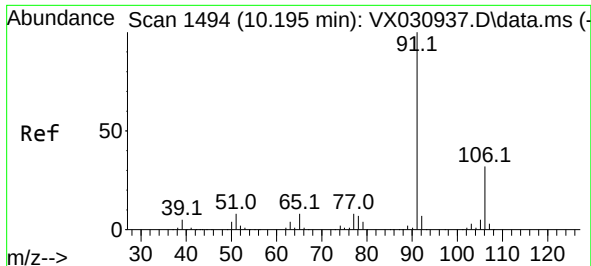
Tgt Ion: 95 Resp: 162123
Ion Ratio Lower Upper
95 100
174 81.2 0.0 149.0
176 78.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

Tgt Ion: 117 Resp: 313304
Ion Ratio Lower Upper
117 100
82 52.4 42.7 64.1
119 33.3 25.4 38.2





#67

Ethyl Benzene

Concen: 1.085 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030997.D

Acq: 31 Aug 2022 23:46

Instrument :

MSVOA_X

ClientSampleId :

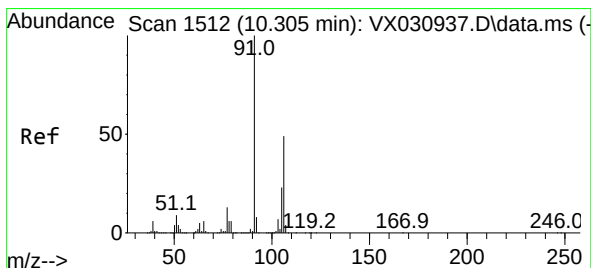
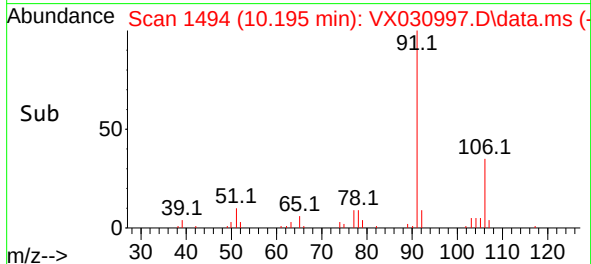
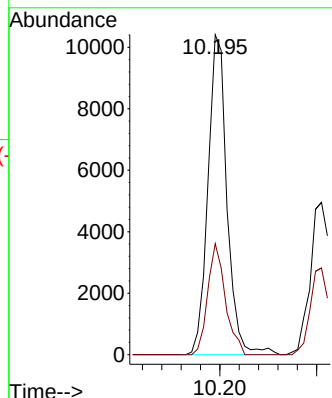
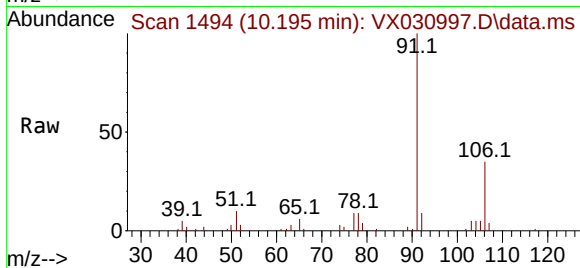
MW-40

Tgt Ion: 91 Resp: 14255

Ion Ratio Lower Upper

91 100

106 34.7 25.5 38.3



#68

m/p-Xylenes

Concen: 0.794 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030997.D

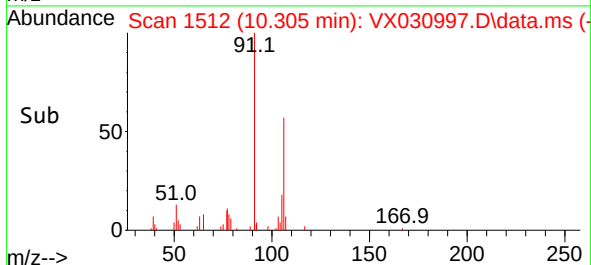
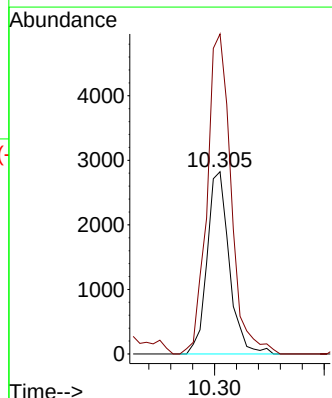
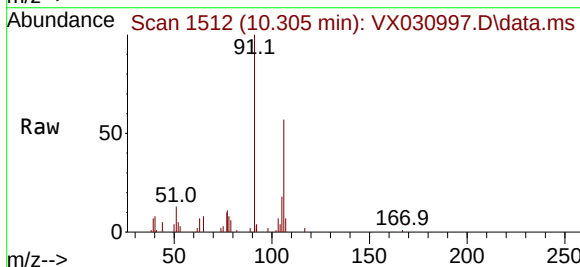
Acq: 31 Aug 2022 23:46

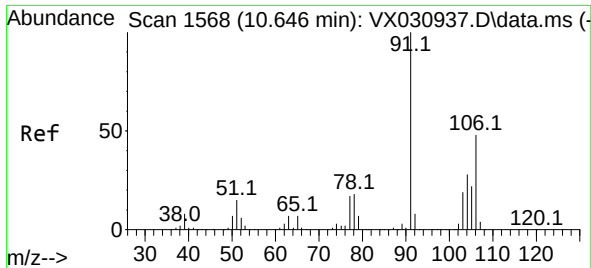
Tgt Ion: 106 Resp: 3951

Ion Ratio Lower Upper

106 100

91 190.9 158.2 237.4

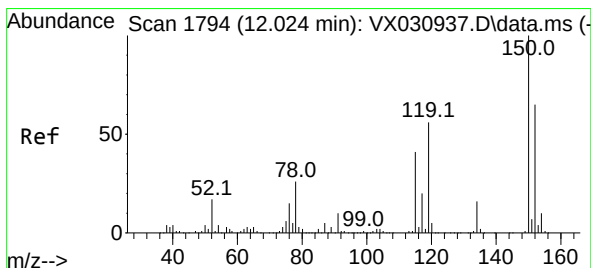
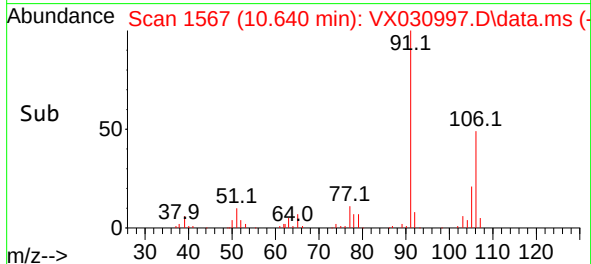
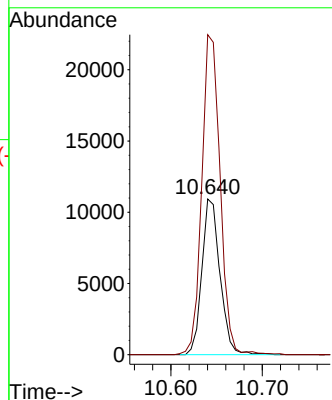
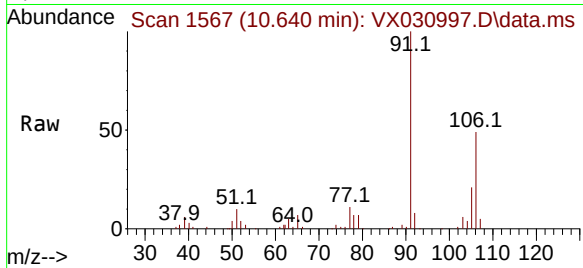




#69
o-Xylene
Concen: 3.085 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

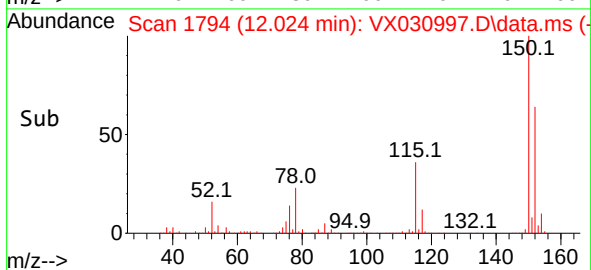
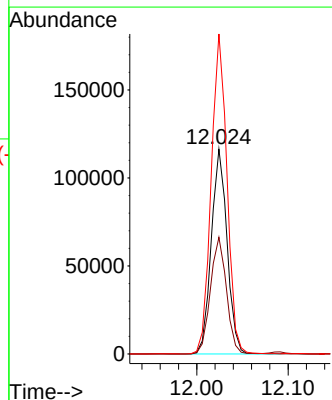
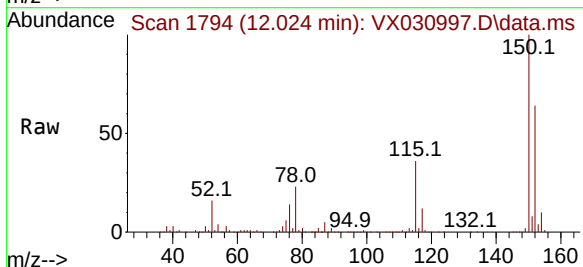
Instrument :
MSVOA_X
ClientSampleId :
MW-40

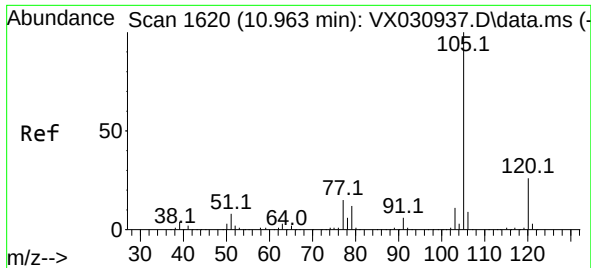
Tgt Ion:106 Resp: 15030
Ion Ratio Lower Upper
106 100
91 208.4 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

Tgt Ion:152 Resp: 139974
Ion Ratio Lower Upper
152 100
115 57.7 40.5 121.5
150 156.1 0.0 347.0

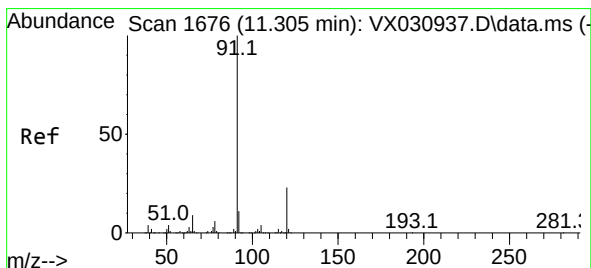
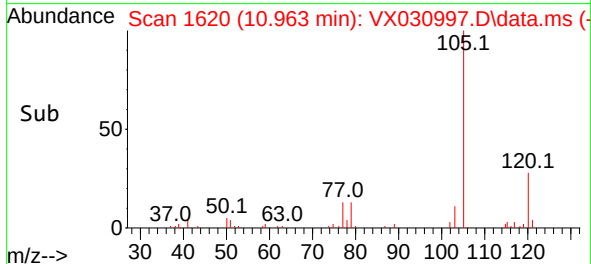
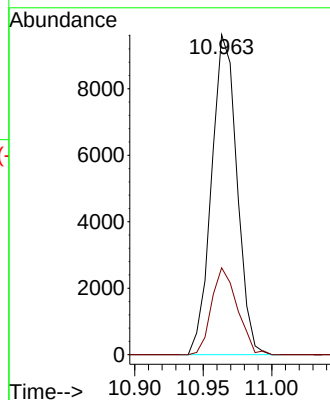
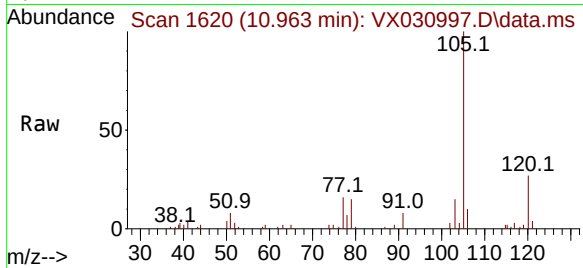




#73
Isopropylbenzene
Concen: 1.121 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

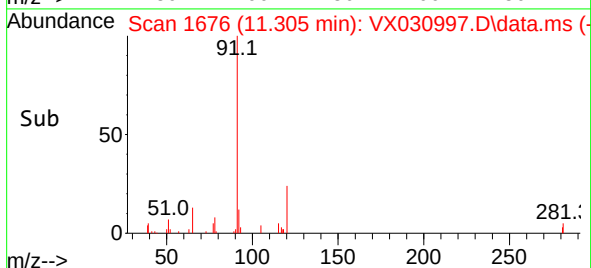
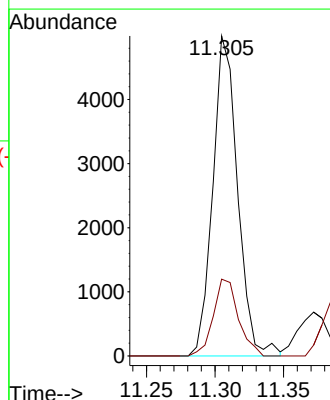
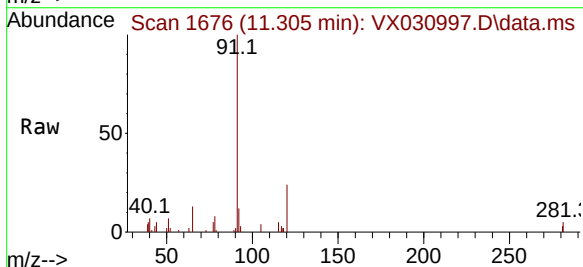
Instrument :
MSVOA_X
ClientSampleId :
MW-40

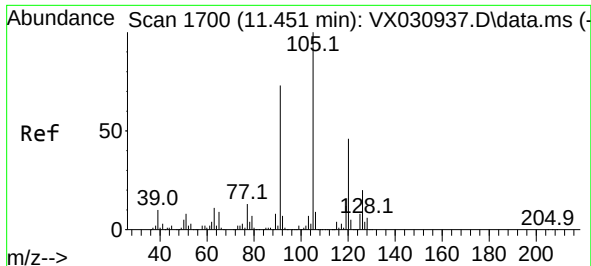
Tgt Ion:105 Resp: 12413
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4



#78
n-propylbenzene
Concen: 0.483 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030997.D
Acq: 31 Aug 2022 23:46

Tgt Ion: 91 Resp: 6265
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.8

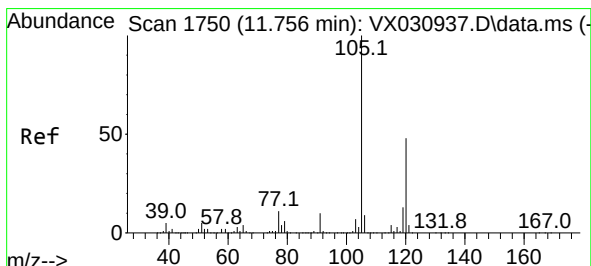
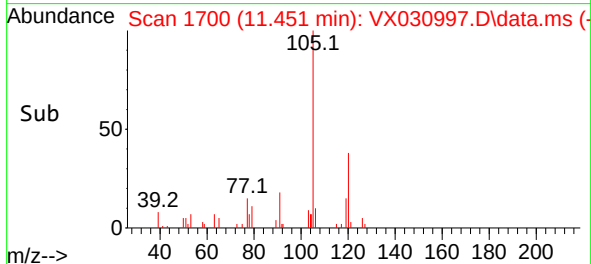
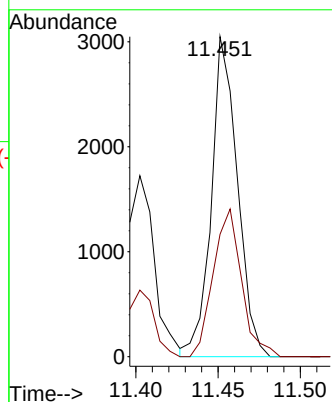
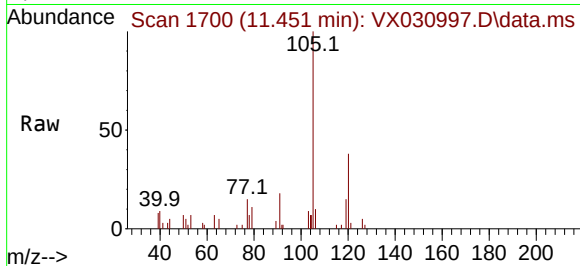




#80
 1,3,5-Trimethylbenzene
 Concen: 0.360 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.006 min
 Lab File: VX030997.D
 Acq: 31 Aug 2022 23:46

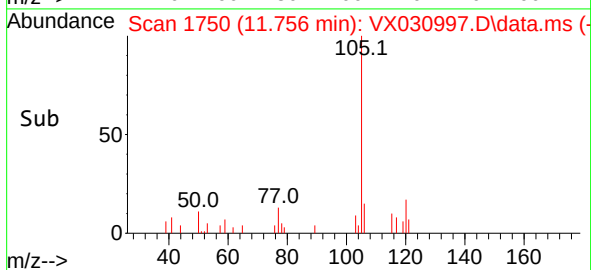
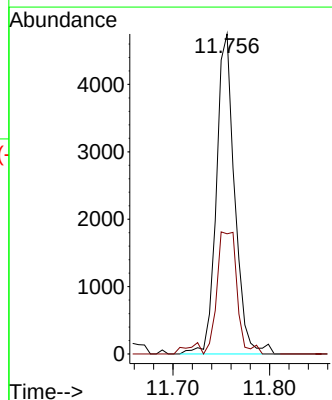
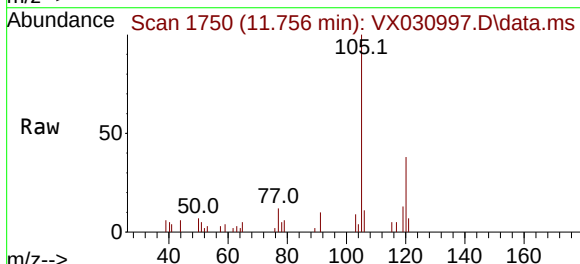
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40

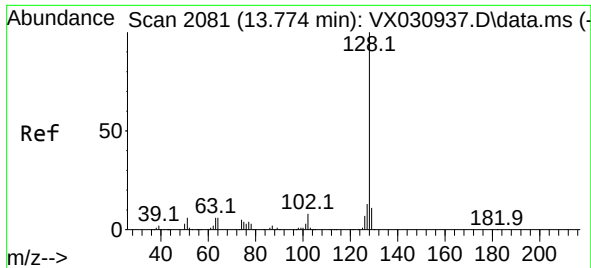
Tgt Ion:105 Resp: 3357
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.652 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030997.D
 Acq: 31 Aug 2022 23:46

Tgt Ion:105 Resp: 6228
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.9 68.8





#95

Naphthalene

Concen: 1.804 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX030997.D

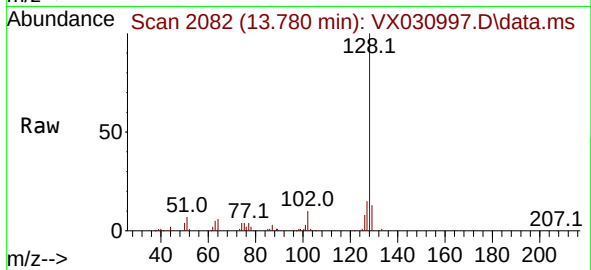
Acq: 31 Aug 2022 23:46

Instrument :

MSVOA_X

ClientSampleId :

MW-40



Tgt Ion:128 Resp: 22132

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.6 8.6 13.0

