

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033398.D
 Acq On : 13 Dec 2022 17:26
 Operator : JC/MD
 Sample : N6001-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Dec 14 05:40:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

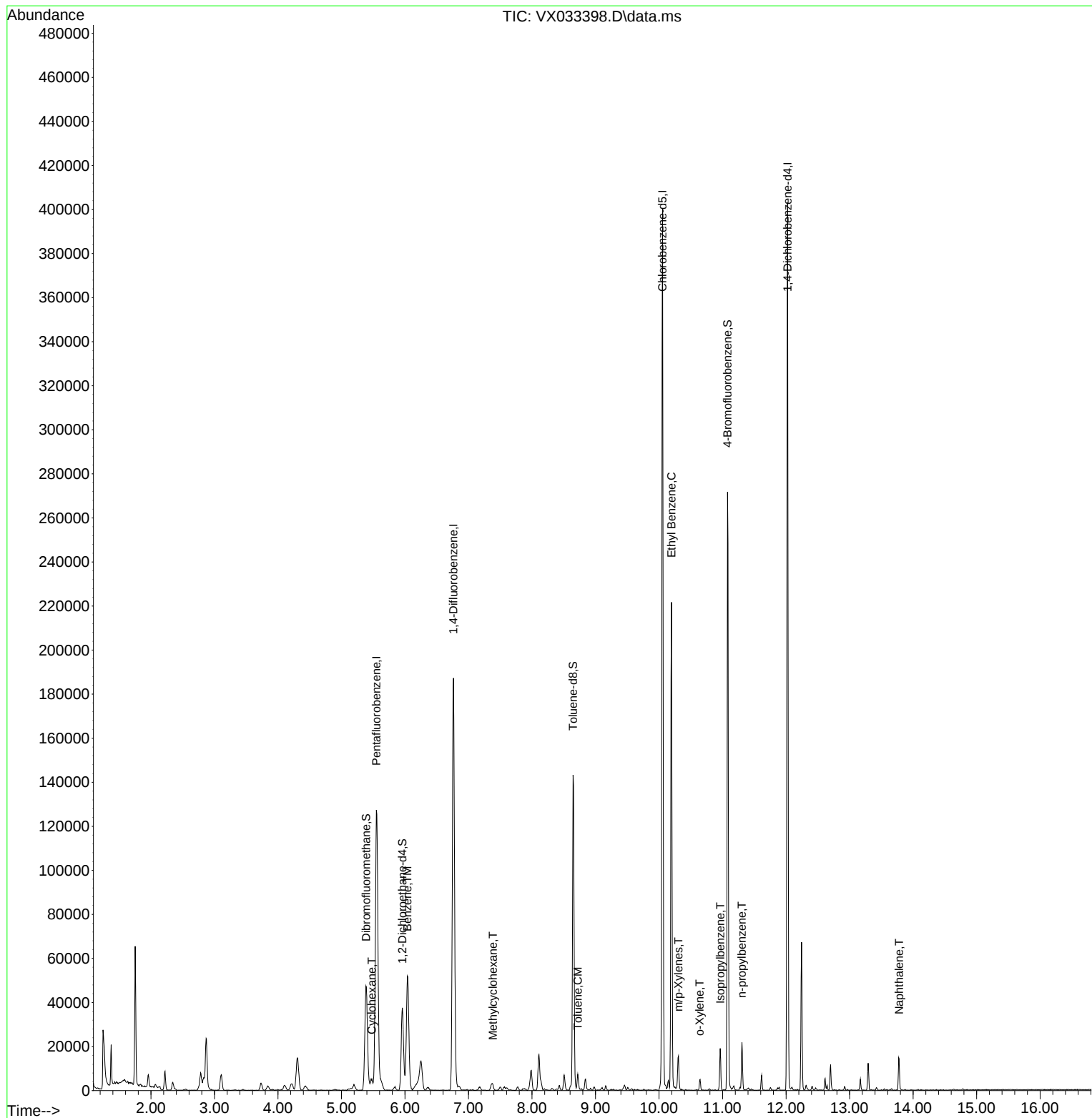
Internal Standards						
1) Pentafluorobenzene	5.550	168	122976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38024	48.197	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.400%
35) Dibromofluoromethane	5.385	113	42448	48.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.647	98	89634	48.482	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.079	95	70847	50.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.240%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	3336	1.779	ug/l	85
39) Methylcyclohexane	7.385	83	1362	0.706	ug/l #	78
40) Benzene	6.037	78	64569	12.852	ug/l	99
52) Toluene	8.720	92	2643	0.814	ug/l	100
67) Ethyl Benzene	10.195	91	126688	19.852	ug/l	99
68) m/p-Xylenes	10.305	106	3890	1.567	ug/l	95
69) o-Xylene	10.640	106	1156	0.471	ug/l	81
73) Isopropylbenzene	10.963	105	9912	1.603	ug/l	99
78) n-propylbenzene	11.305	91	13544	1.961	ug/l	99
95) Naphthalene	13.780	128	10233	1.796	ug/l	99

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

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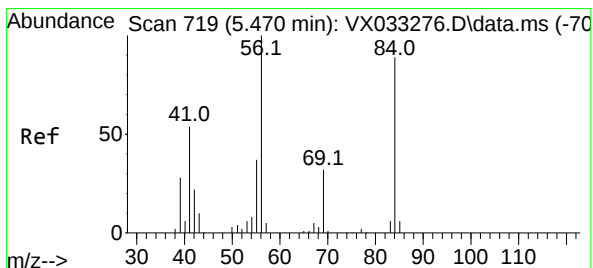
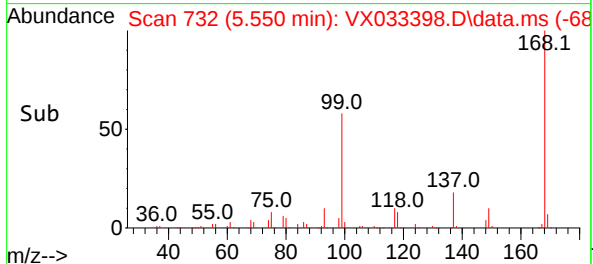
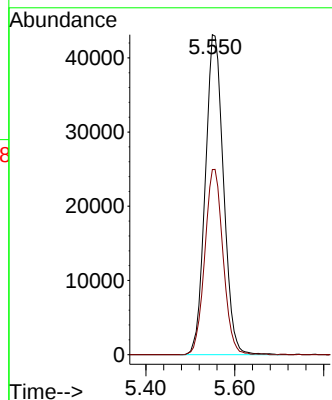
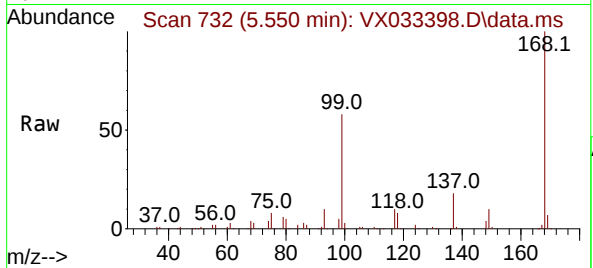




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033398.D
Acq: 13 Dec 2022 17:26

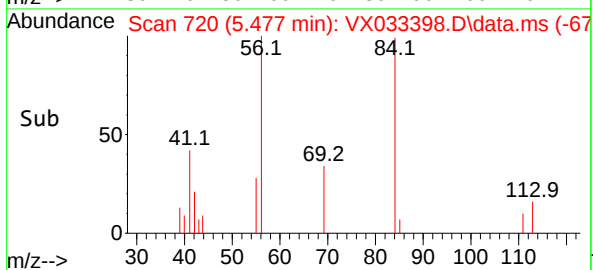
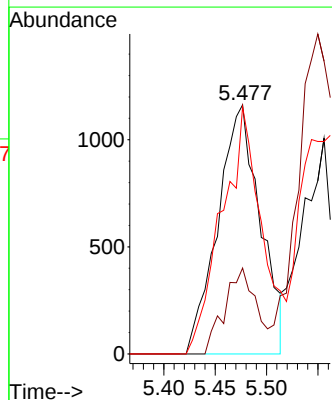
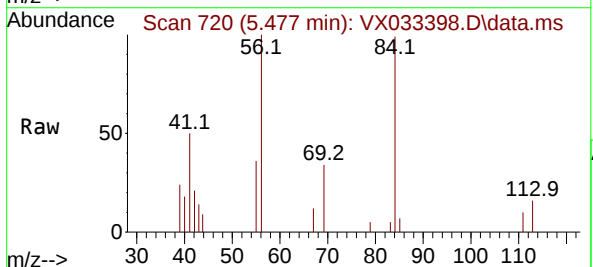
Instrument :
MSVOA_X
ClientSampleId :
MW-12

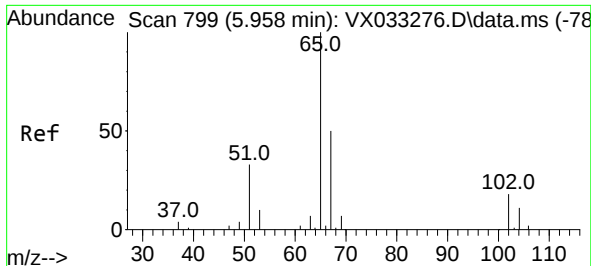
Tgt Ion:168 Resp: 122976
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#31
Cyclohexane
Concen: 1.779 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033398.D
Acq: 13 Dec 2022 17:26

Tgt Ion: 56 Resp: 3336
Ion Ratio Lower Upper
56 100
69 34.5 24.1 36.1
84 99.2 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 48.197 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033398.D

Acq: 13 Dec 2022 17:26

Instrument :

MSVOA_X

ClientSampleId :

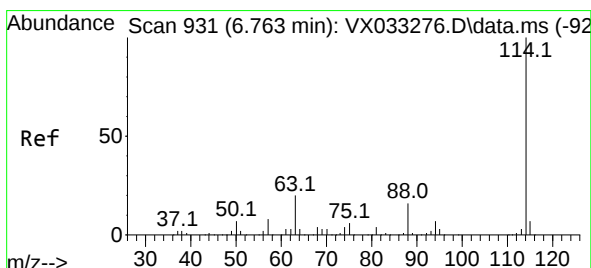
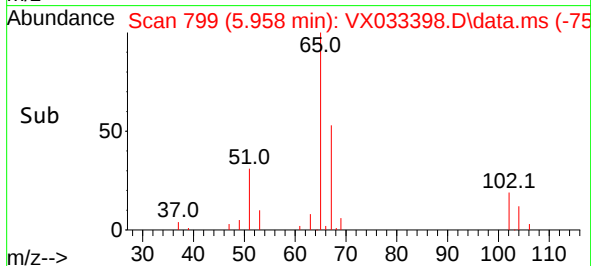
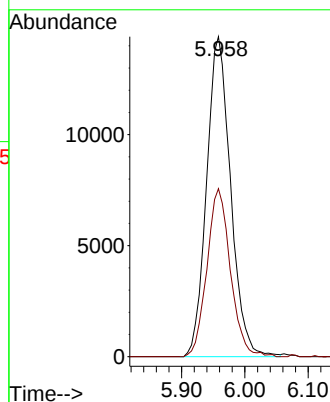
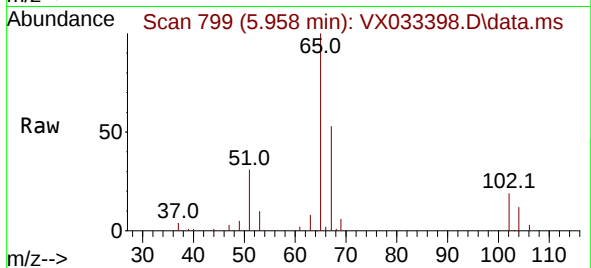
MW-12

Tgt Ion: 65 Resp: 38024

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033398.D

Acq: 13 Dec 2022 17:26

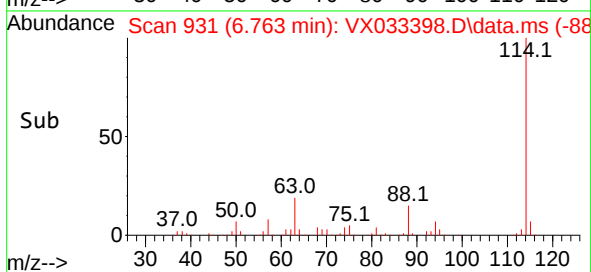
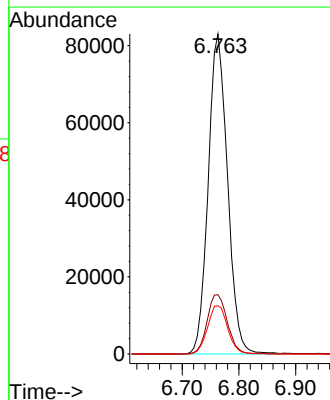
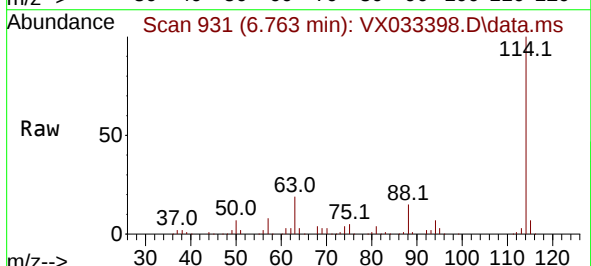
Tgt Ion: 114 Resp: 196491

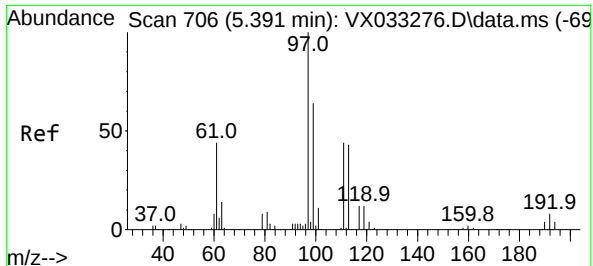
Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.6

88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.030 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033398.D

Acq: 13 Dec 2022 17:26

Instrument :

MSVOA_X

ClientSampleId :

MW-12

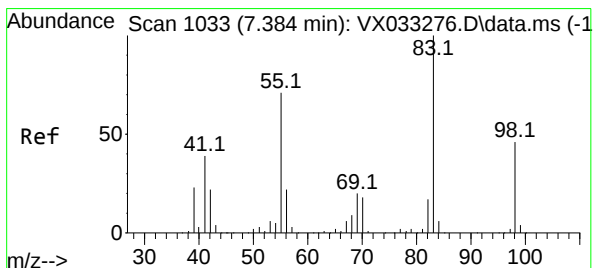
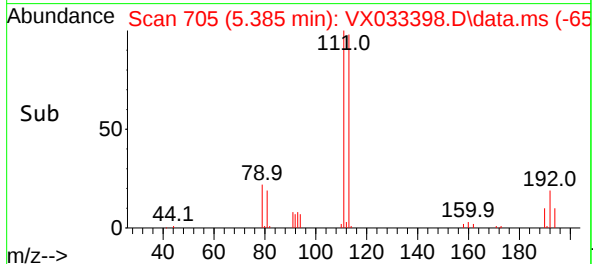
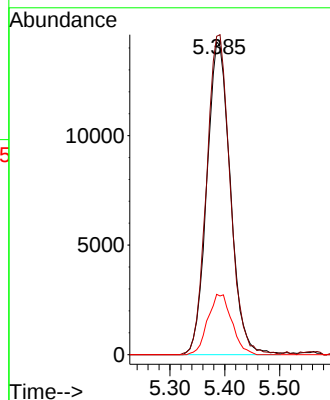
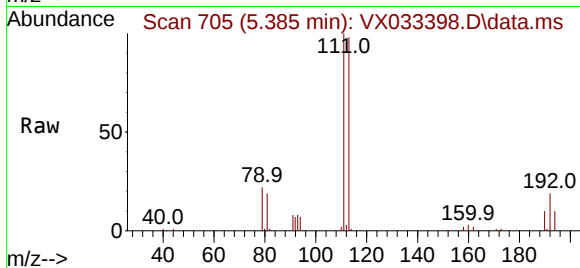
Tgt Ion:113 Resp: 42448

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 19.7 15.4 23.2



#39

Methylcyclohexane

Concen: 0.706 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX033398.D

Acq: 13 Dec 2022 17:26

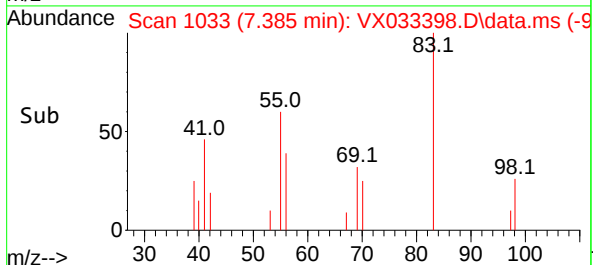
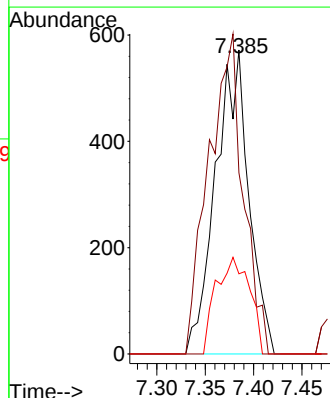
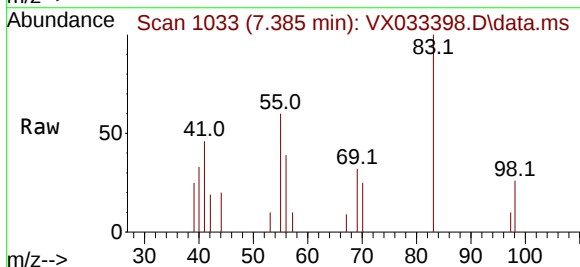
Tgt Ion: 83 Resp: 1362

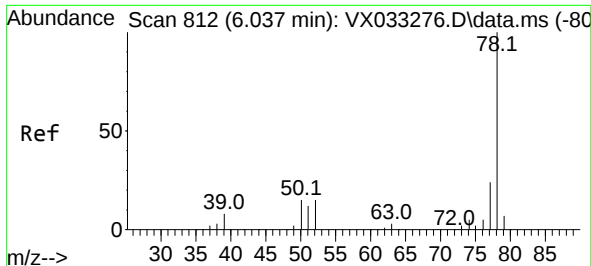
Ion Ratio Lower Upper

83 100

55 59.6 58.4 87.6

98 26.4 37.2 55.8#

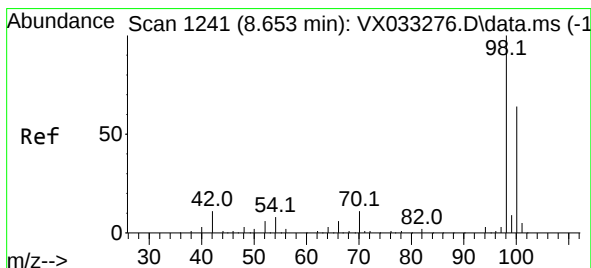
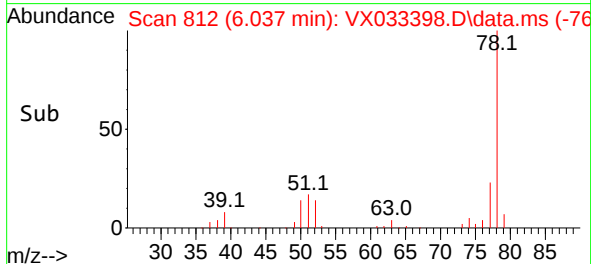
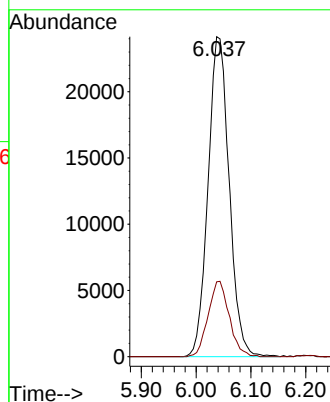
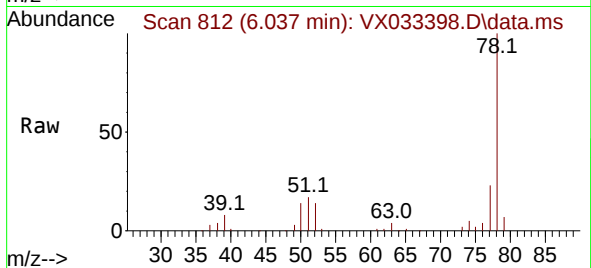




#40
Benzene
Concen: 12.852 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033398.D
Acq: 13 Dec 2022 17:26

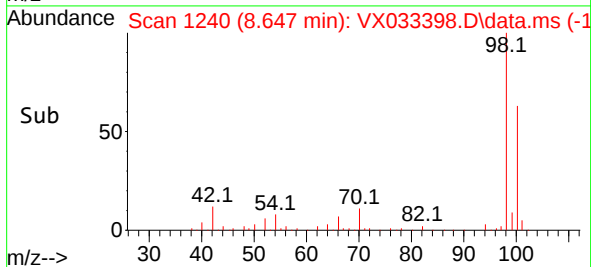
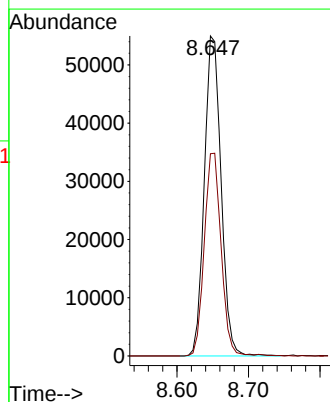
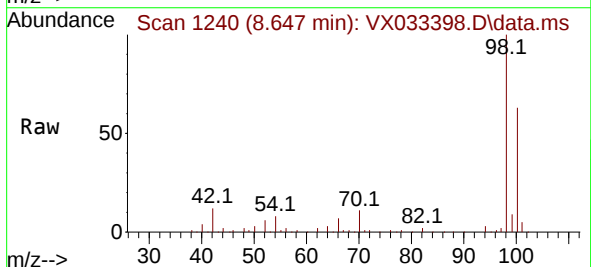
Instrument :
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MW-12

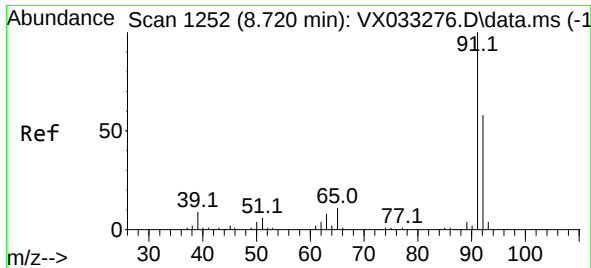
Tgt Ion: 78 Resp: 64569
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4



#50
Toluene-d8
Concen: 48.482 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033398.D
Acq: 13 Dec 2022 17:26

Tgt Ion: 98 Resp: 89634
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3





#52

Toluene

Concen: 0.814 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033398.D

Acq: 13 Dec 2022 17:26

Instrument :

MSVOA_X

ClientSampleId :

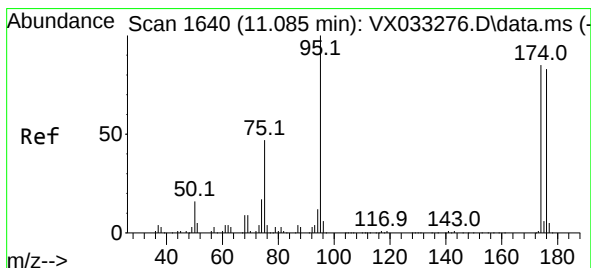
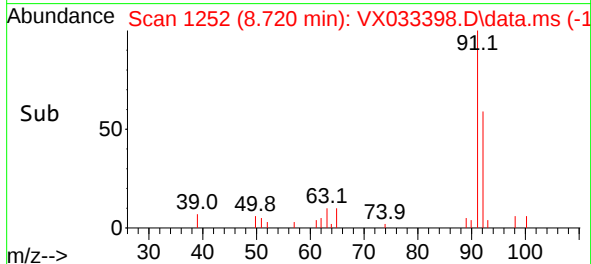
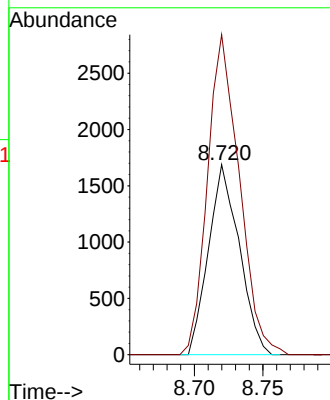
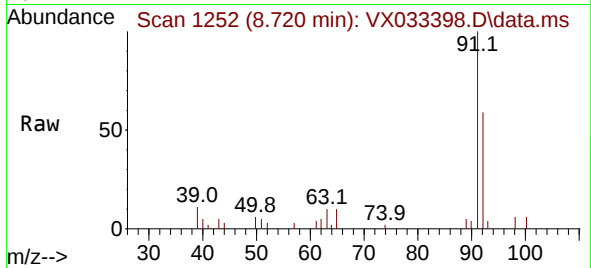
MW-12

Tgt Ion: 92 Resp: 2643

Ion Ratio Lower Upper

92 100

91 173.4 138.3 207.5



#62

4-Bromofluorobenzene

Concen: 50.117 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033398.D

Acq: 13 Dec 2022 17:26

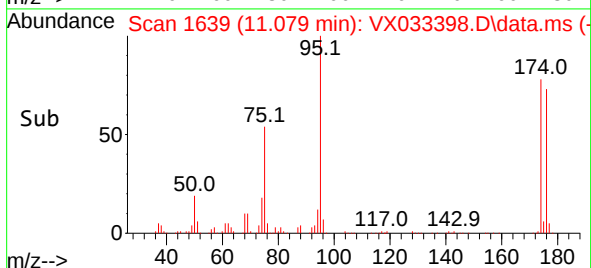
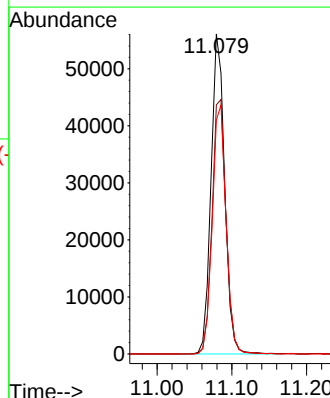
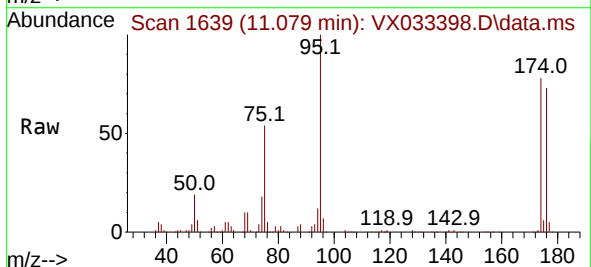
Tgt Ion: 95 Resp: 70847

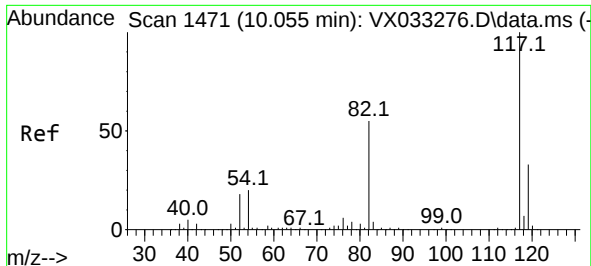
Ion Ratio Lower Upper

95 100

174 82.1 0.0 164.0

176 78.9 0.0 154.4

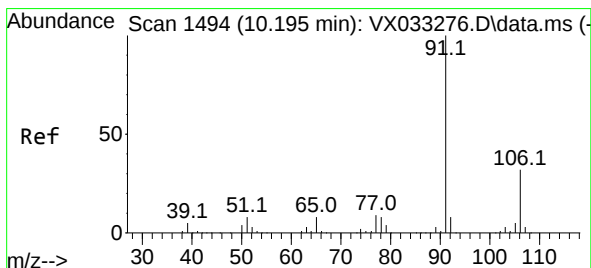
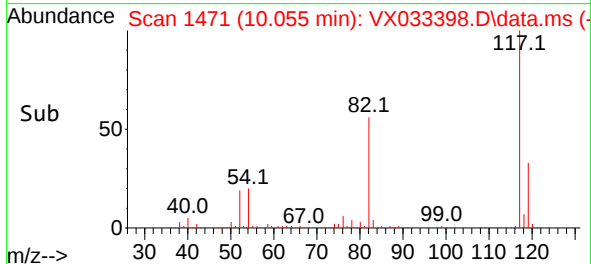
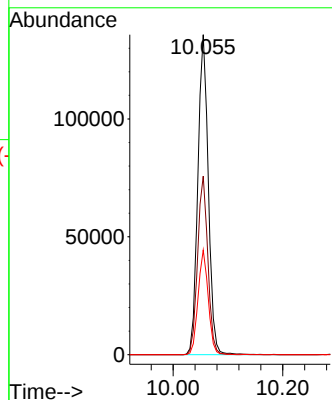
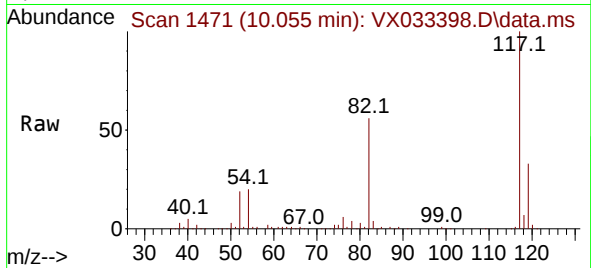




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033398.D
Acq: 13 Dec 2022 17:26

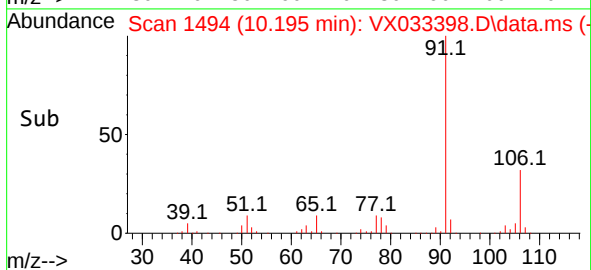
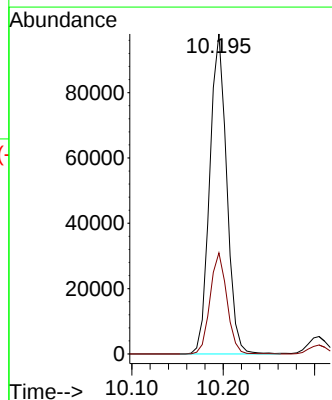
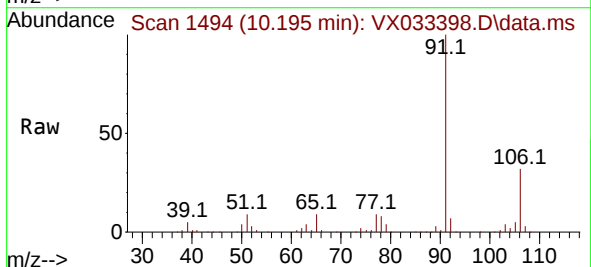
Instrument :
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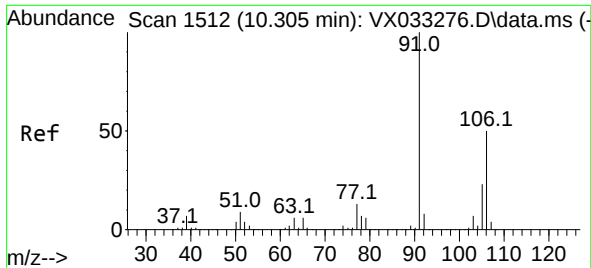
Tgt Ion:117 Resp: 180890
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.7 25.7 38.5



#67
Ethyl Benzene
Concen: 19.852 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033398.D
Acq: 13 Dec 2022 17:26

Tgt Ion: 91 Resp: 126688
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

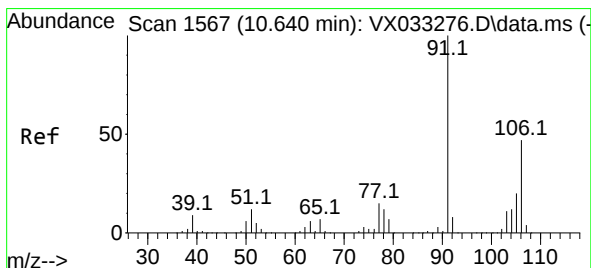
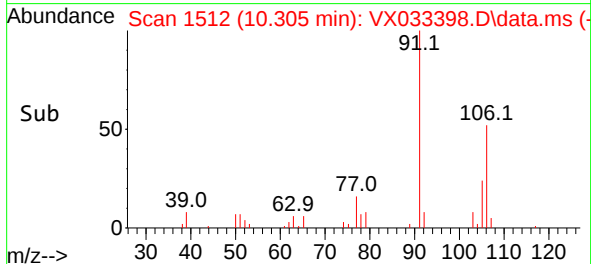
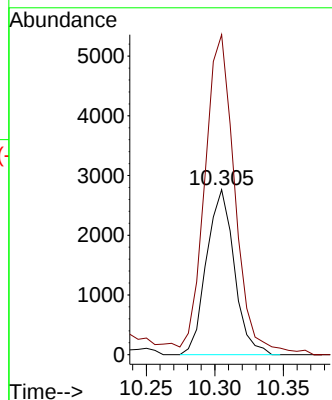
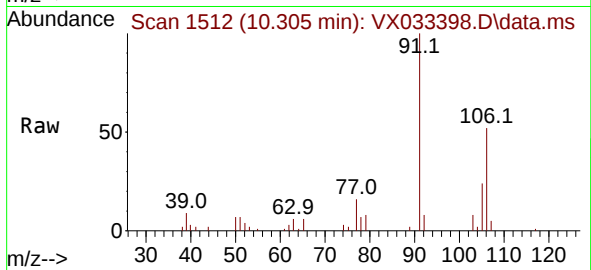




#68
m/p-Xylenes
Concen: 1.567 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033398.D
Acq: 13 Dec 2022 17:26

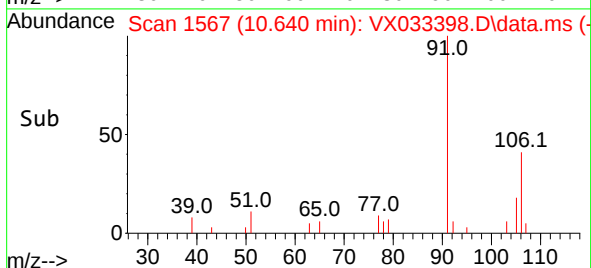
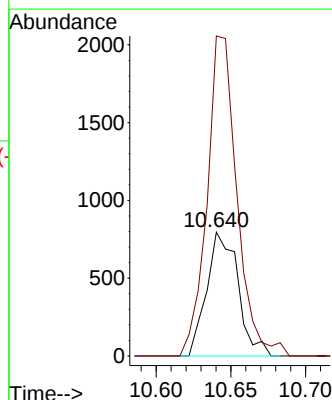
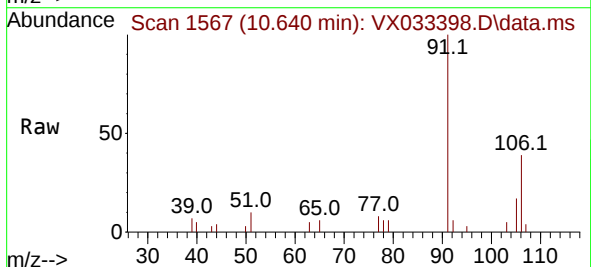
Instrument :
MSVOA_X
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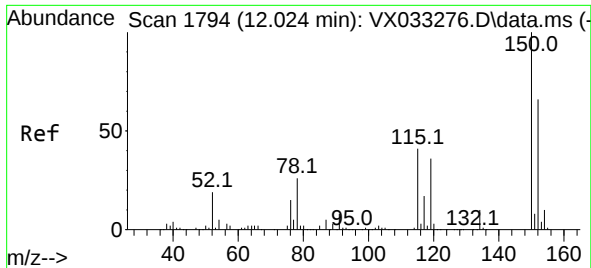
Tgt Ion:106 Resp: 3890
Ion Ratio Lower Upper
106 100
91 213.4 164.5 246.7



#69
o-Xylene
Concen: 0.471 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033398.D
Acq: 13 Dec 2022 17:26

Tgt Ion:106 Resp: 1156
Ion Ratio Lower Upper
106 100
91 248.1 109.2 327.6

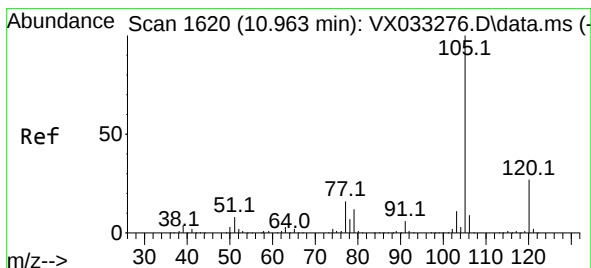
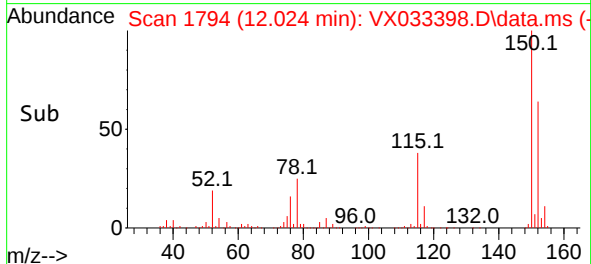
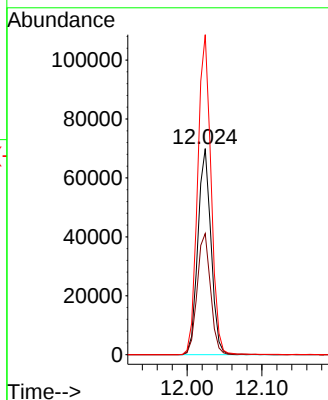
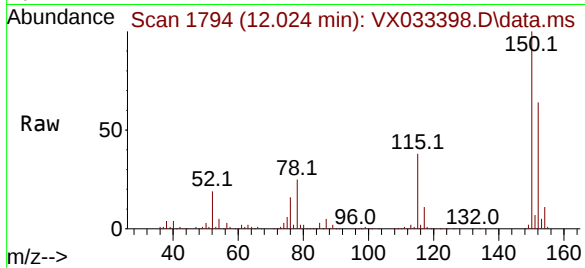




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033398.D
 Acq: 13 Dec 2022 17:26

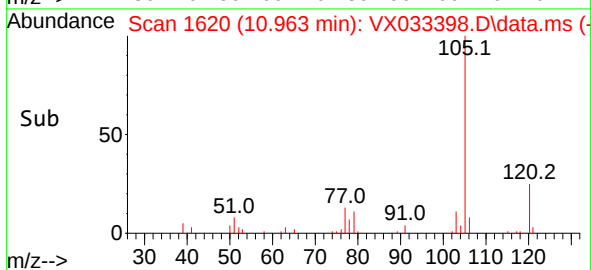
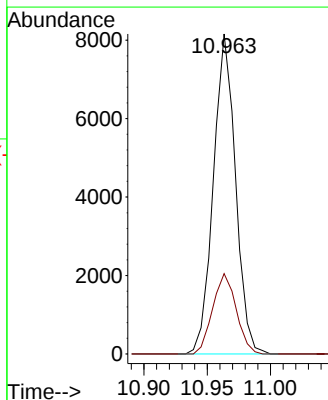
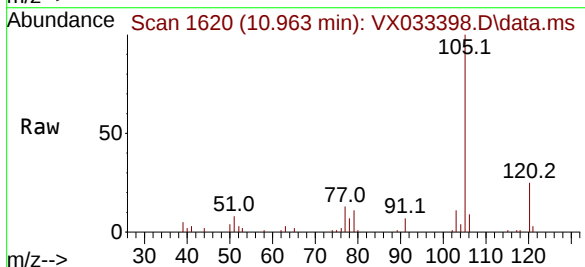
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

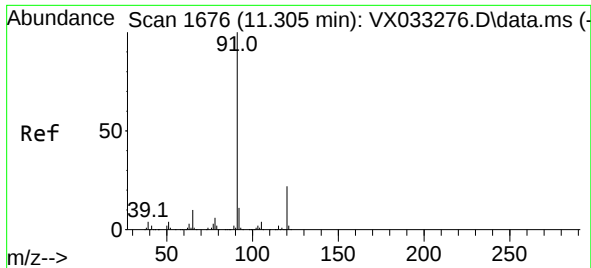
Tgt Ion:152 Resp: 85330
 Ion Ratio Lower Upper
 152 100
 115 59.7 44.0 132.0
 150 158.0 0.0 351.8



#73
 Isopropylbenzene
 Concen: 1.603 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX033398.D
 Acq: 13 Dec 2022 17:26

Tgt Ion:105 Resp: 9912
 Ion Ratio Lower Upper
 105 100
 120 26.7 13.1 39.3

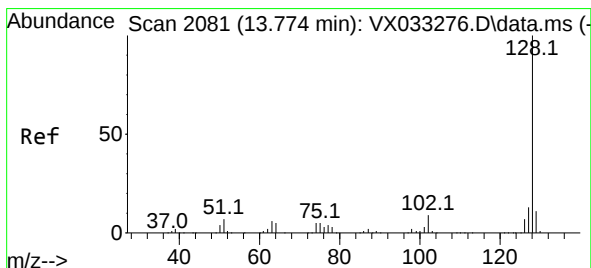
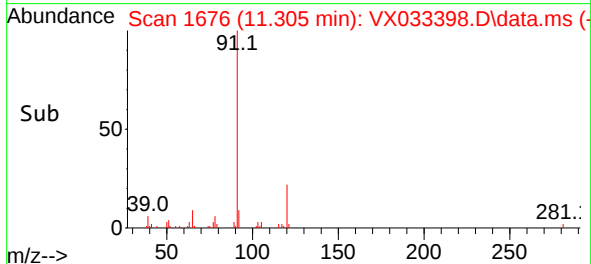
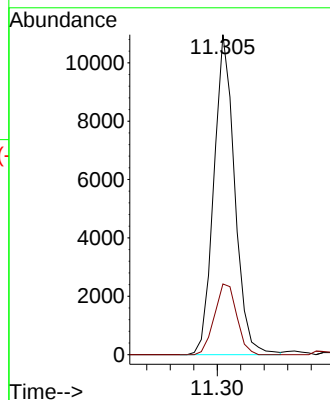
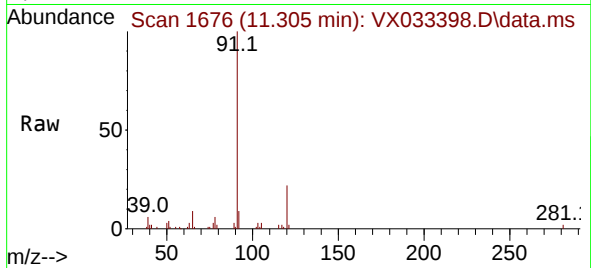




#78
n-propylbenzene
Concen: 1.961 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033398.D
Acq: 13 Dec 2022 17:26

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 91 Resp: 13544
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8



#95
Naphthalene
Concen: 1.796 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033398.D
Acq: 13 Dec 2022 17:26

Tgt Ion: 128 Resp: 10233
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.8 8.9 13.3

