

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044057.D
 Acq On : 02 Dec 2024 11:49
 Operator : JC/MD
 Sample : P5021-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Quant Time: Dec 03 00:16:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	123344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92150	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103454	48.901	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.800%
35) Dibromofluoromethane	5.385	113	78520	47.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	8.647	98	275436	48.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	99125	51.606	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.220%

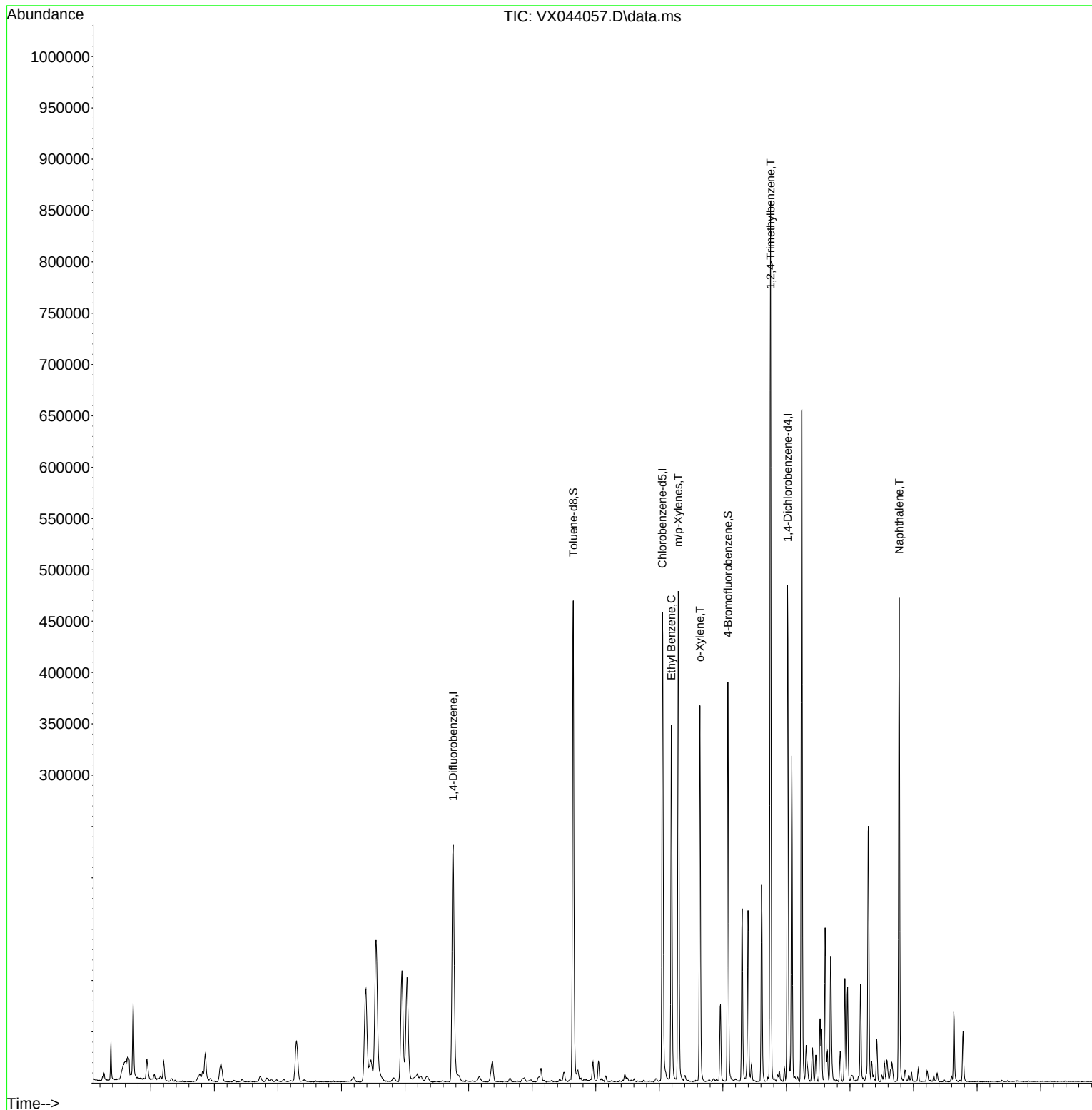
Target Compounds						Qvalue
16) Acetone	2.386	43	1286	1.324	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	12908	2.501	ug/l #	43
31) Cyclohexane	5.464	56	13515	5.732	ug/l	92
39) Methylcyclohexane	7.372	83	8295	3.130	ug/l	93
40) Benzene	6.031	78	117250	18.449	ug/l	99
52) Toluene	8.714	92	3695	0.971	ug/l	85
67) Ethyl Benzene	10.189	91	201719	27.188	ug/l	99
68) m/p-Xylenes	10.299	106	105899	38.274	ug/l	99
69) o-Xylene	10.640	106	73869	27.344	ug/l	94
73) Isopropylbenzene	10.963	105	41146	5.809	ug/l	97
78) n-propylbenzene	11.305	91	104791	13.246	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	355336	61.244	ug/l	100
89) n-Butylbenzene	12.335	91	7040	1.389	ug/l #	55
95) Naphthalene	13.774	128	266488	40.430	ug/l	99

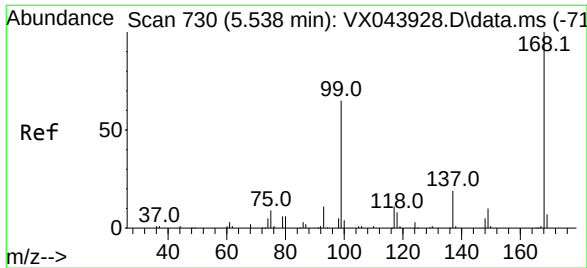
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
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MW-08

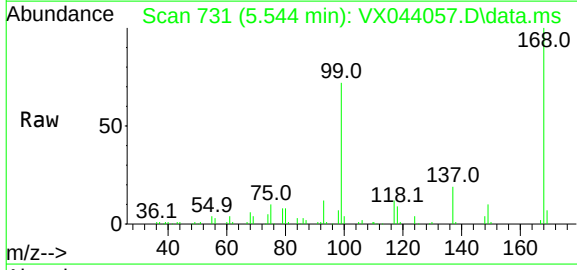
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



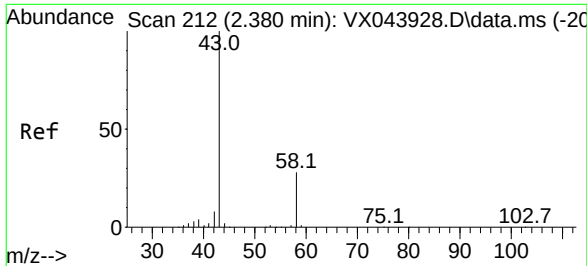
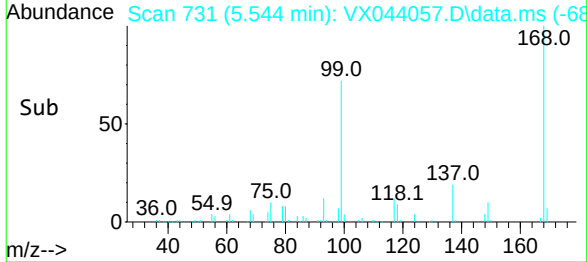
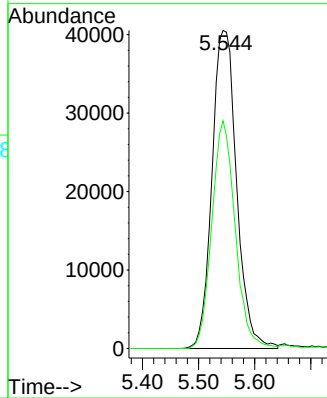


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044057.D
Acq: 02 Dec 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
MW-08

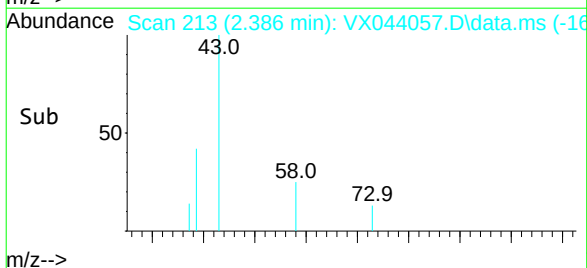
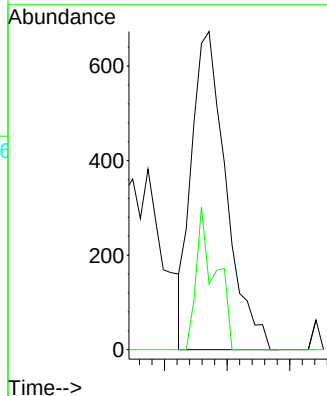
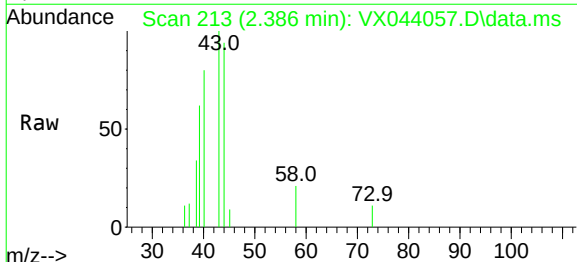


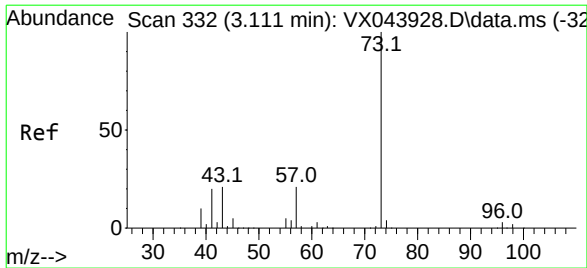
Tgt Ion:168 Resp: 123344
Ion Ratio Lower Upper
168 100
99 71.6 51.8 77.8



#16
Acetone
Concen: 1.324 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044057.D
Acq: 02 Dec 2024 11:49

Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 20.7 22.7 34.1#

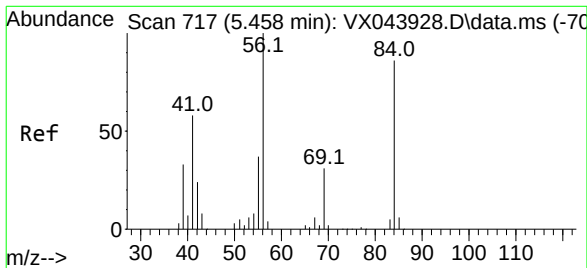
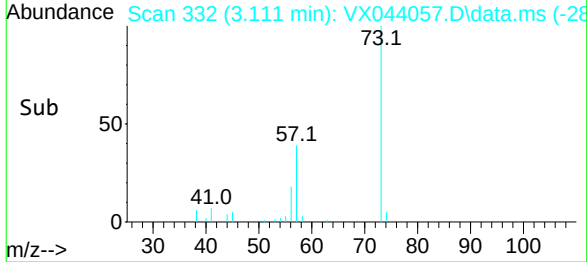
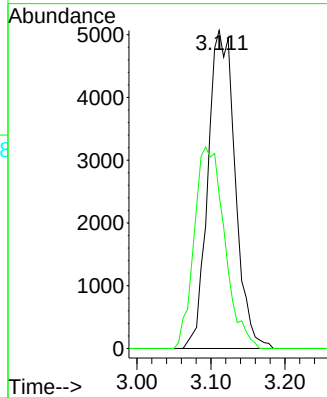
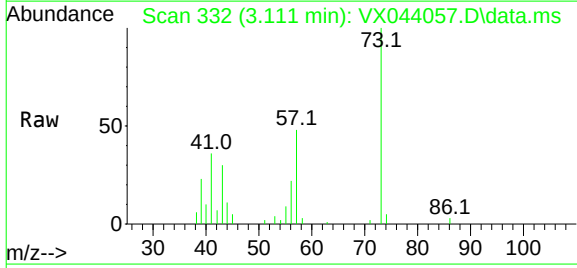




#19
Methyl tert-butyl Ether
Concen: 2.501 ug/l
RT: 3.111 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX044057.D
Acq: 02 Dec 2024 11:49

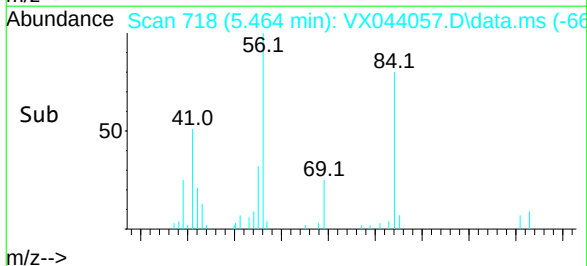
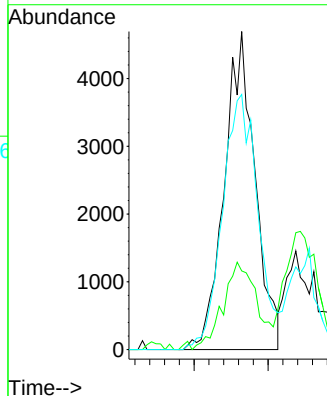
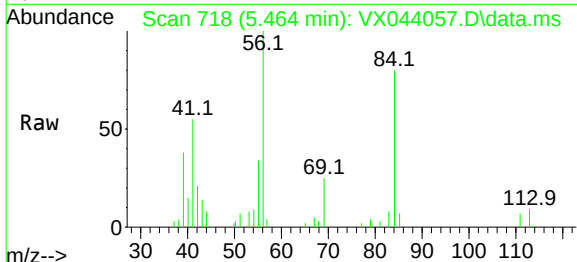
Instrument :
MSVOA_X
ClientSampleId :
MW-08

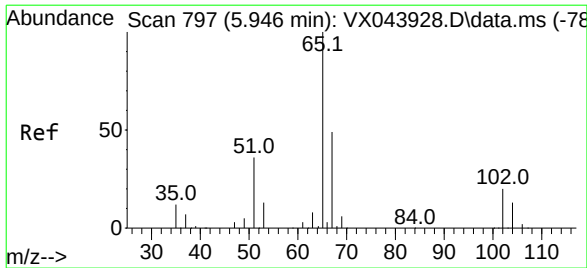
Tgt Ion: 73 Resp: 12908
Ion Ratio Lower Upper
73 100
57 48.3 17.0 25.6#



#31
Cyclohexane
Concen: 5.732 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044057.D
Acq: 02 Dec 2024 11:49

Tgt Ion: 56 Resp: 13515
Ion Ratio Lower Upper
56 100
69 24.7 24.7 37.1
84 80.2 68.7 103.1

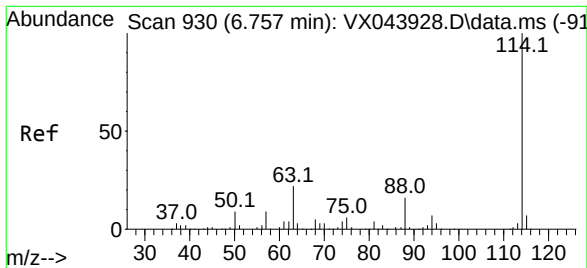
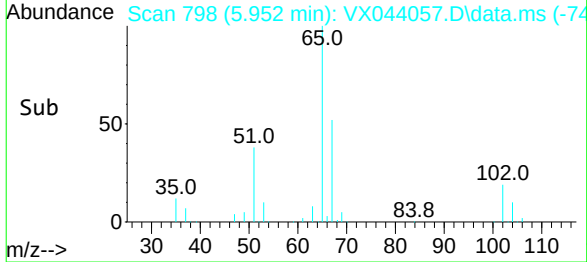
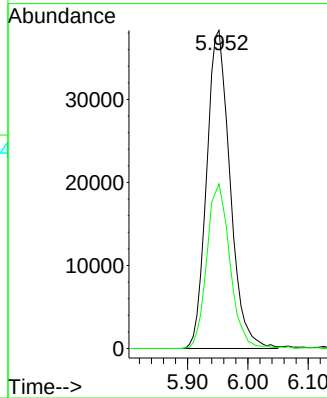
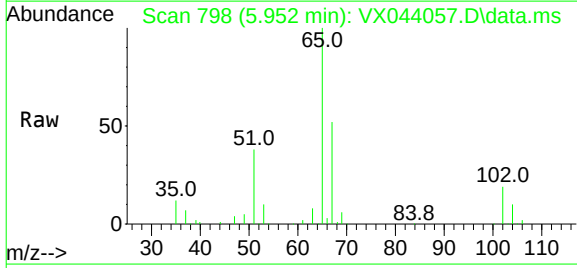




#33
1,2-Dichloroethane-d4
Concen: 48.901 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044057.D
Acq: 02 Dec 2024 11:49

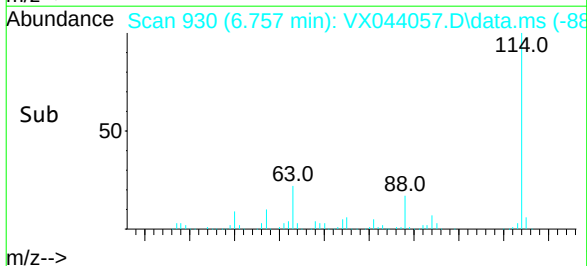
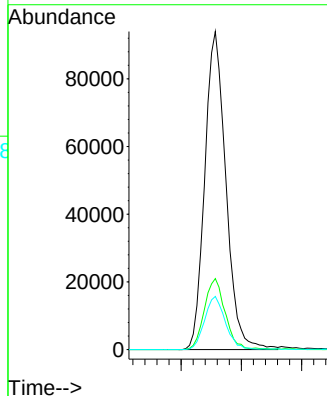
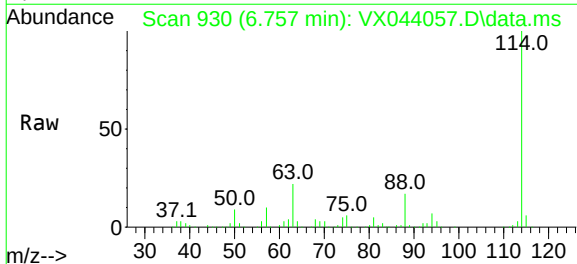
Instrument :
MSVOA_X
ClientSampleId :
MW-08

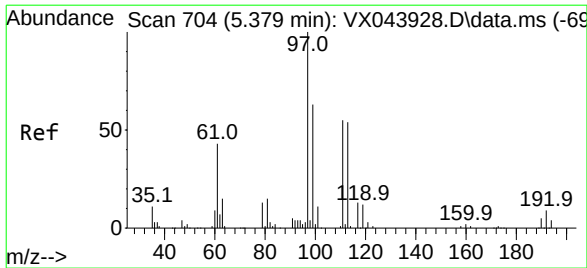
Tgt Ion: 65 Resp: 103454
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044057.D
Acq: 02 Dec 2024 11:49

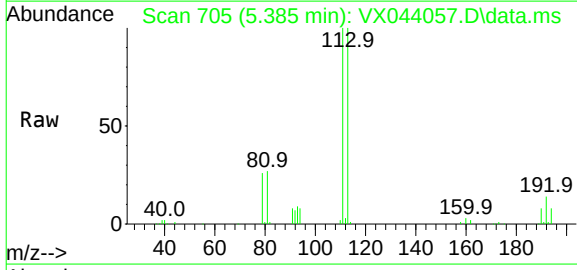
Tgt Ion: 114 Resp: 229138
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 16.7 0.0 32.4



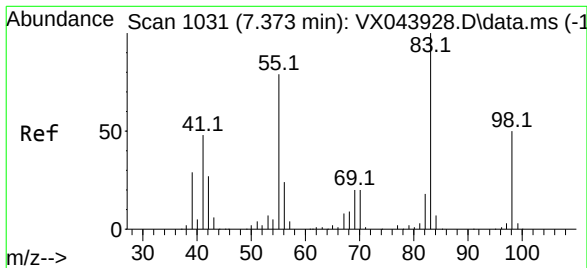
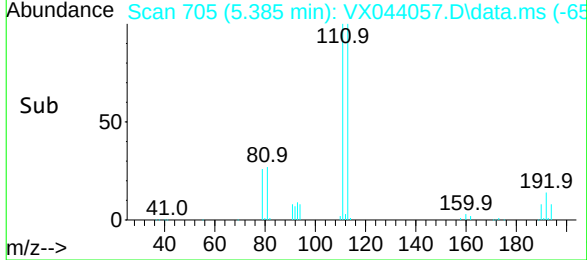
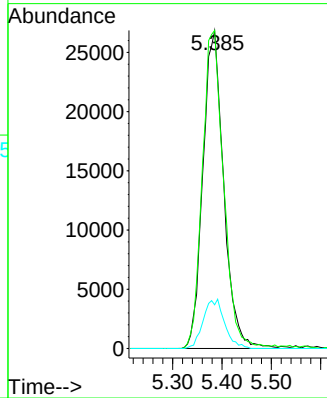


#35
Dibromofluoromethane
Concen: 47.957 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044057.D
Acq: 02 Dec 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
MW-08

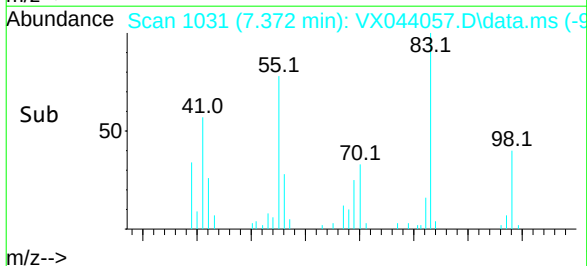
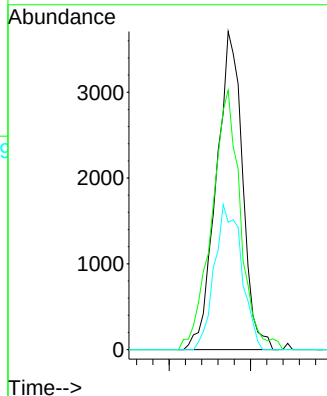
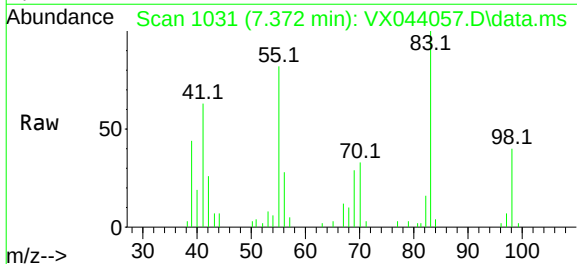


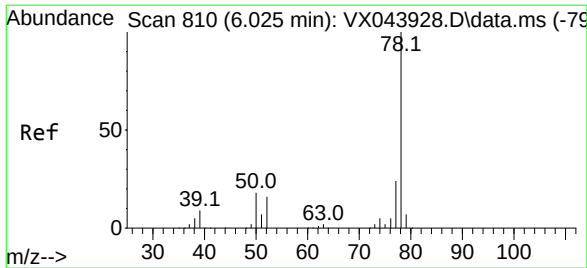
Tgt Ion: 113 Resp: 78520
Ion Ratio Lower Upper
113 100
111 102.0 81.0 121.4
192 16.0 13.0 19.6



#39
Methylcyclohexane
Concen: 3.130 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044057.D
Acq: 02 Dec 2024 11:49

Tgt Ion: 83 Resp: 8295
Ion Ratio Lower Upper
83 100
55 81.5 63.1 94.7
98 40.0 40.0 60.0





#40

Benzene

Concen: 18.449 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044057.D

Acq: 02 Dec 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

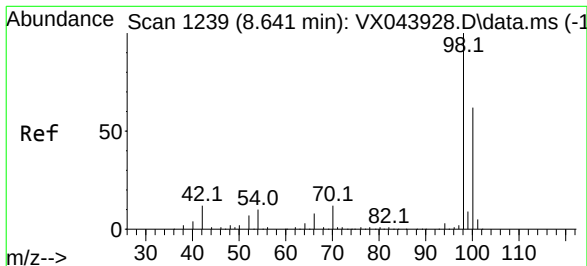
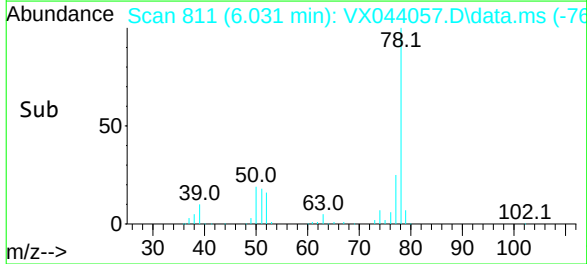
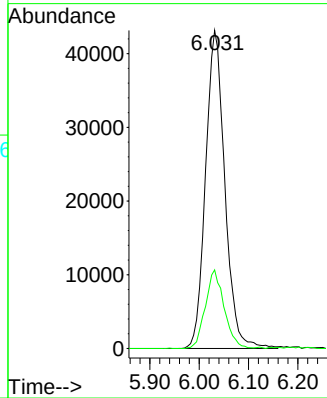
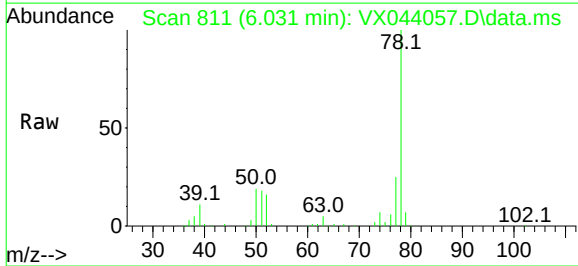
MW-08

Tgt Ion: 78 Resp: 117250

Ion Ratio Lower Upper

78 100

77 24.7 19.2 28.8



#50

Toluene-d8

Concen: 48.802 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044057.D

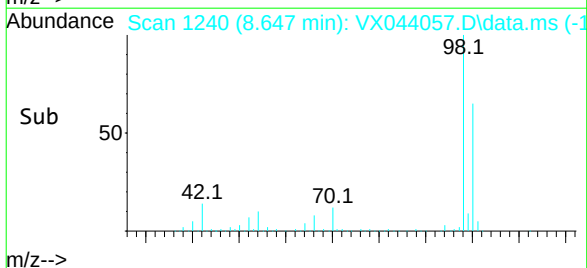
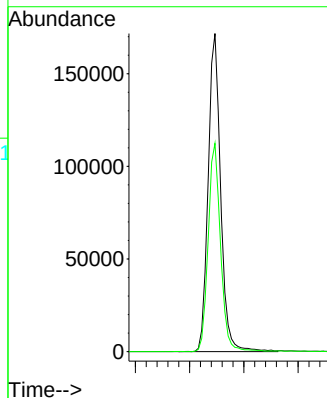
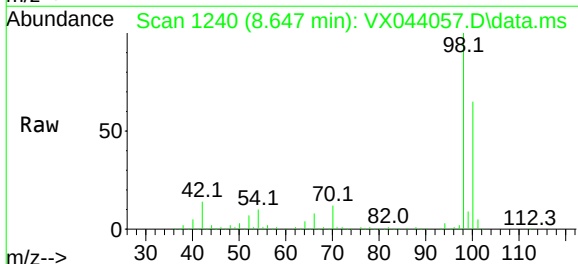
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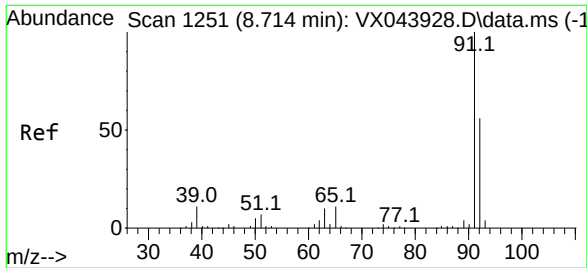
Tgt Ion: 98 Resp: 275436

Ion Ratio Lower Upper

98 100

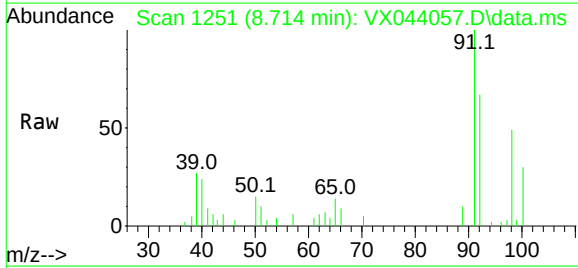
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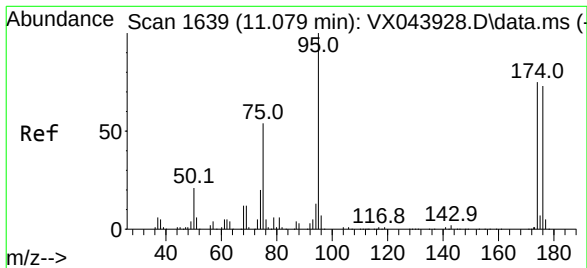
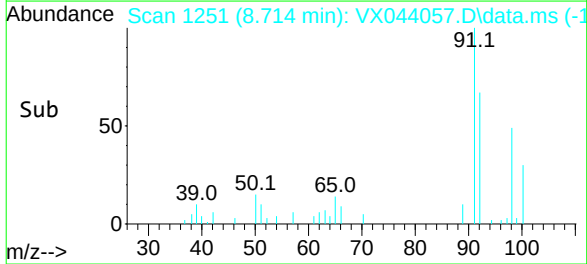
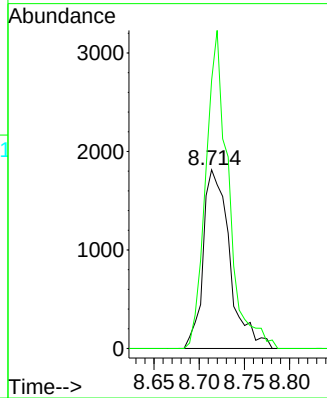


#52
Toluene
Concen: 0.971 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044057.D
Acq: 02 Dec 2024 11:49

Instrument :
MSVOA_X
ClientSampleId :
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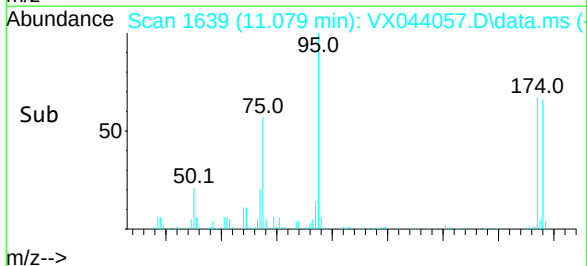
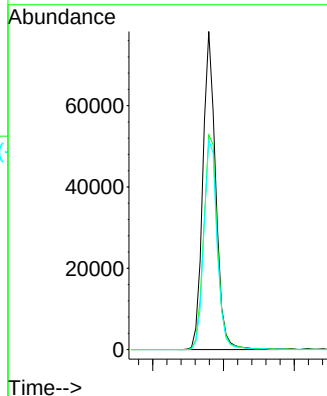
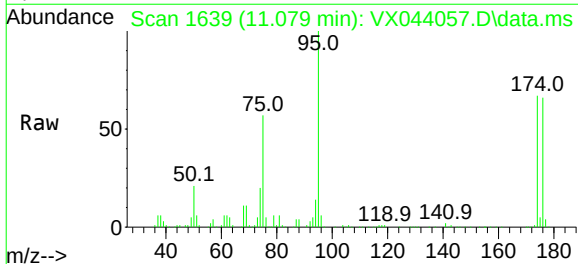


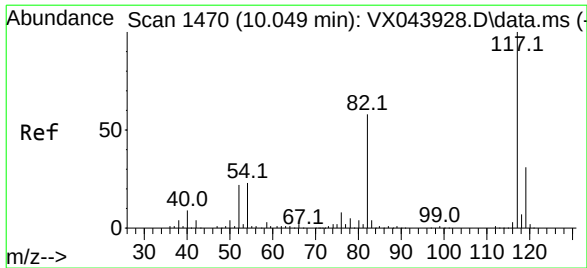
Tgt Ion: 92 Resp: 3695
Ion Ratio Lower Upper
92 100
91 153.1 139.7 209.5



#62
4-Bromofluorobenzene
Concen: 51.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044057.D
Acq: 02 Dec 2024 11:49

Tgt Ion: 95 Resp: 99125
Ion Ratio Lower Upper
95 100
174 72.3 0.0 150.4
176 68.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044057.D

Acq: 02 Dec 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

MW-08

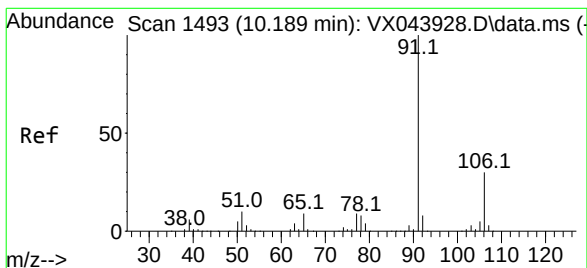
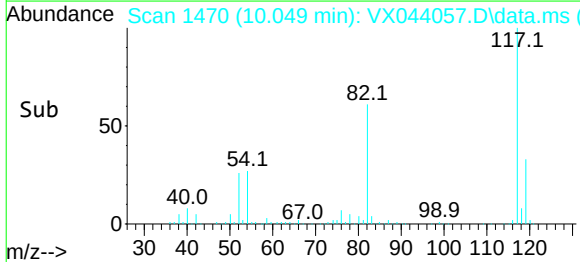
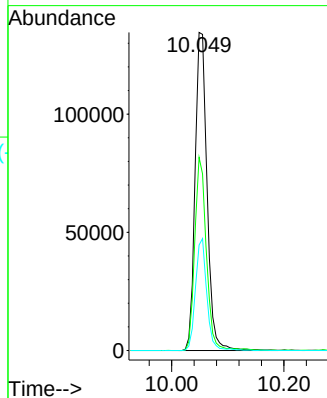
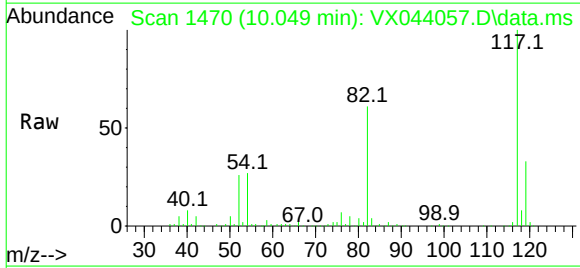
Tgt Ion:117 Resp: 199363

Ion Ratio Lower Upper

117 100

82 60.7 46.4 69.6

119 33.2 24.6 37.0



#67

Ethyl Benzene

Concen: 27.188 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044057.D

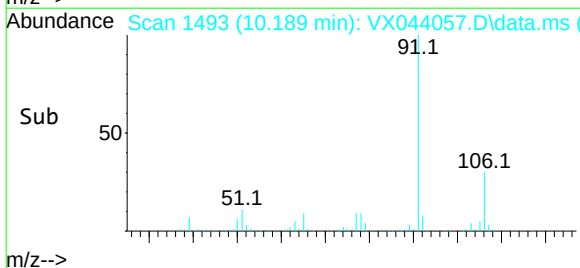
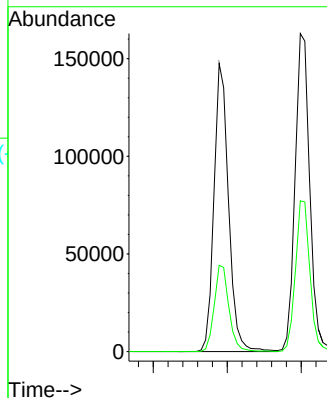
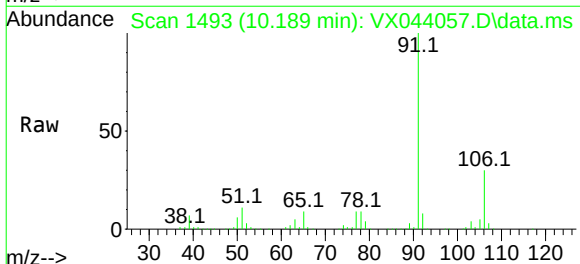
Acq: 02 Dec 2024 11:49

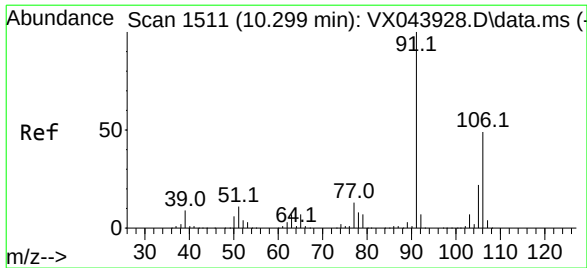
Tgt Ion: 91 Resp: 201719

Ion Ratio Lower Upper

91 100

106 29.9 23.6 35.4





#68

m/p-Xylenes

Concen: 38.274 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044057.D

Acq: 02 Dec 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

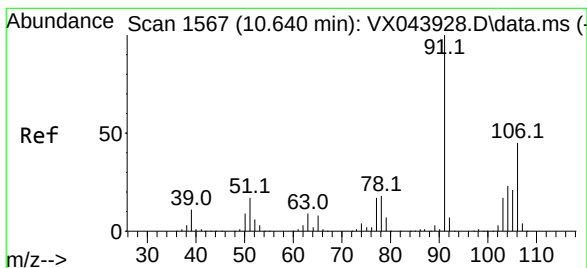
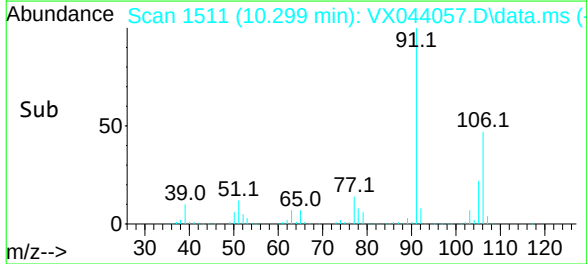
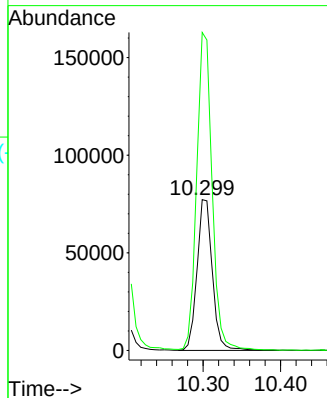
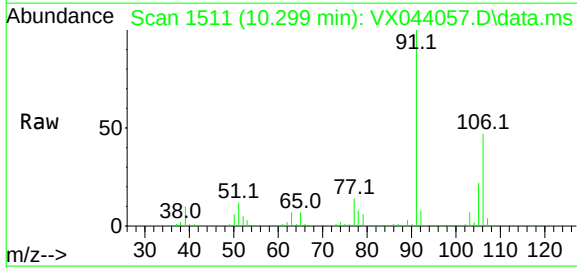
MW-08

Tgt Ion:106 Resp: 105899

Ion Ratio Lower Upper

106 100

91 212.1 168.1 252.1



#69

o-Xylene

Concen: 27.344 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044057.D

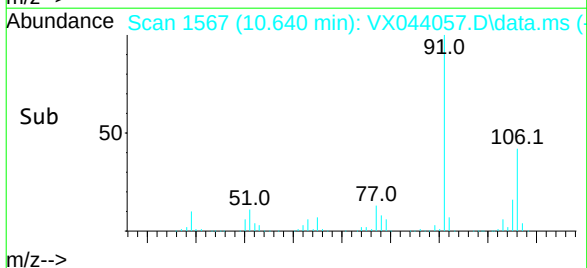
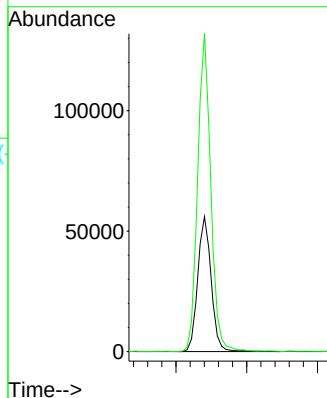
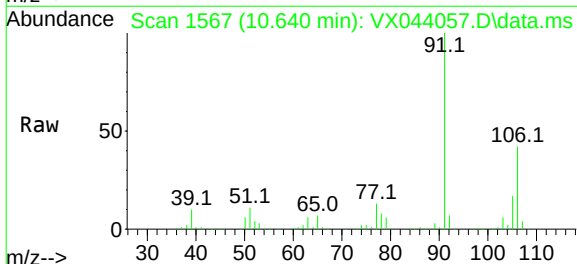
Acq: 02 Dec 2024 11:49

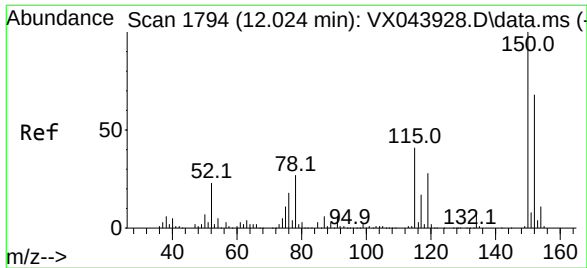
Tgt Ion:106 Resp: 73869

Ion Ratio Lower Upper

106 100

91 230.1 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044057.D

Acq: 02 Dec 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

MW-08

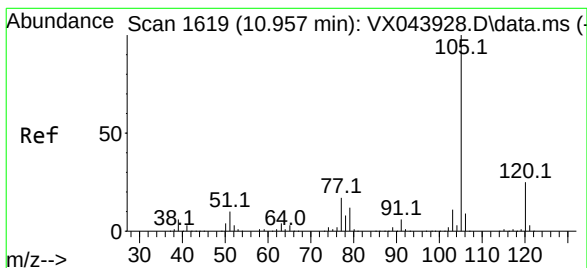
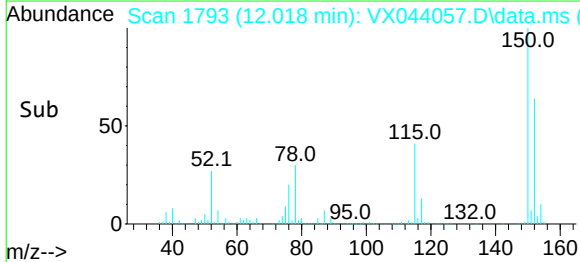
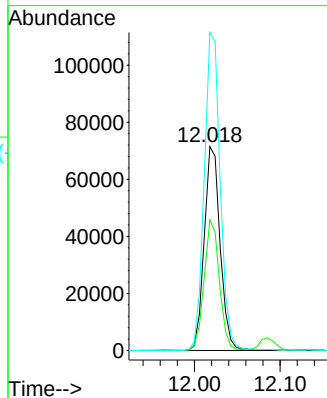
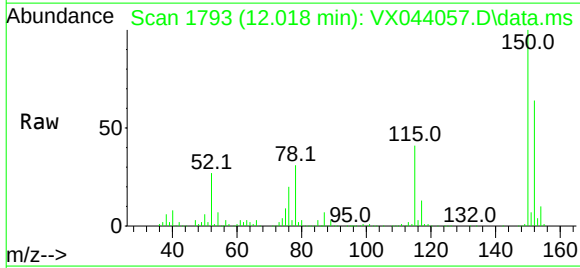
Tgt Ion:152 Resp: 92150

Ion Ratio Lower Upper

152 100

115 61.4 45.4 136.2

150 157.4 0.0 353.0



#73

Isopropylbenzene

Concen: 5.809 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044057.D

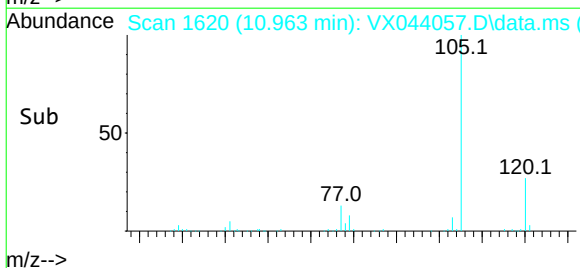
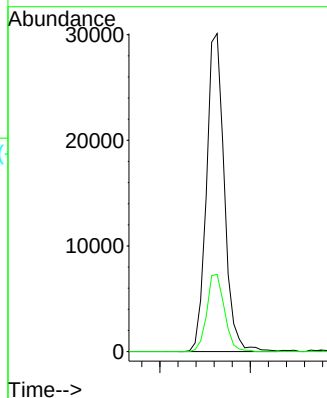
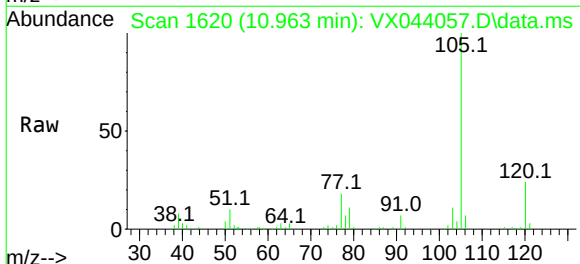
Acq: 02 Dec 2024 11:49

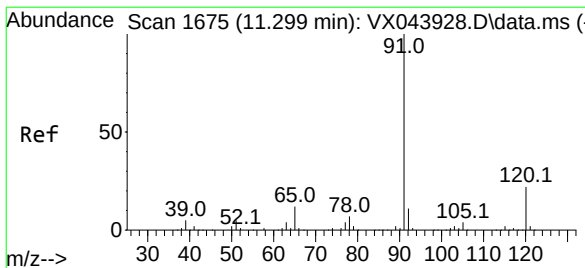
Tgt Ion:105 Resp: 41146

Ion Ratio Lower Upper

105 100

120 24.1 13.0 38.9





#78

n-propylbenzene

Concen: 13.246 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044057.D

Acq: 02 Dec 2024 11:49

Instrument :

MSVOA_X

ClientSampleId :

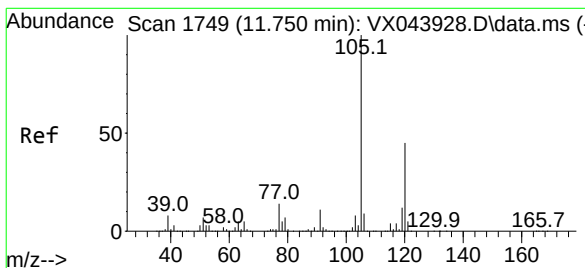
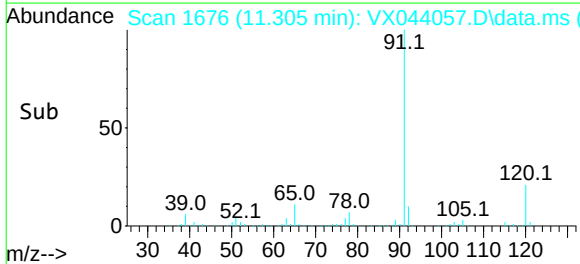
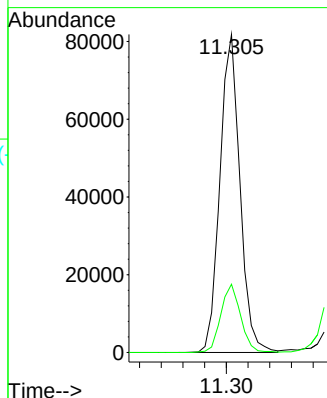
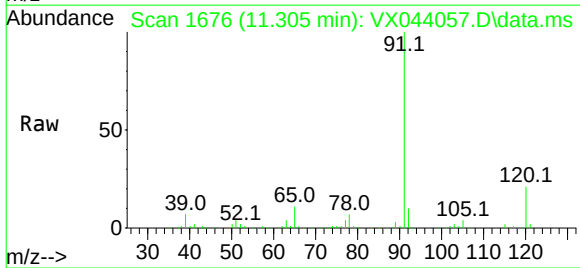
MW-08

Tgt Ion: 91 Resp: 104791

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 61.244 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044057.D

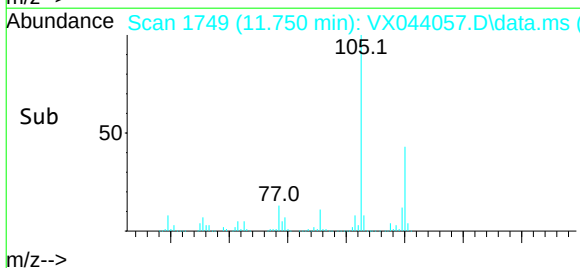
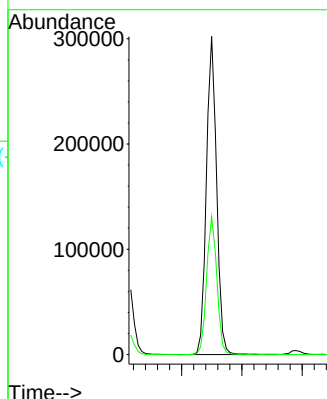
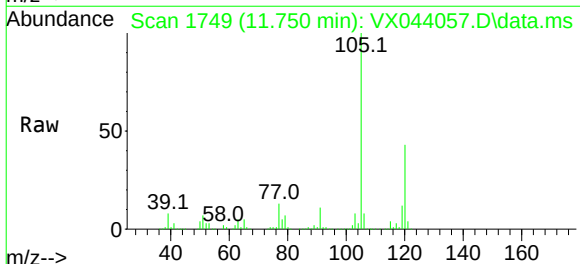
Acq: 02 Dec 2024 11:49

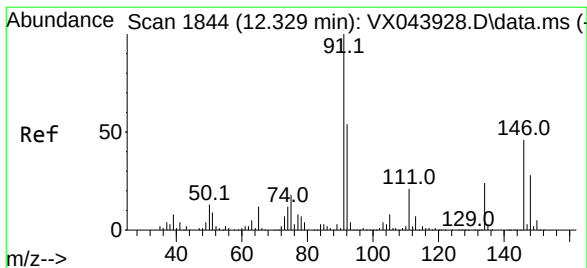
Tgt Ion:105 Resp: 355336

Ion Ratio Lower Upper

105 100

120 43.6 21.9 65.7





#89

n-Butylbenzene

Concen: 1.389 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX044057.D

Acq: 02 Dec 2024 11:49

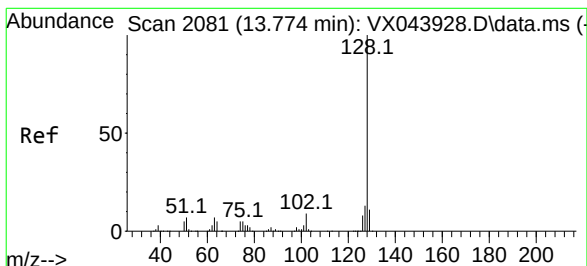
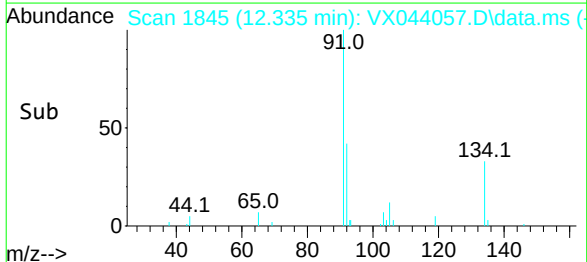
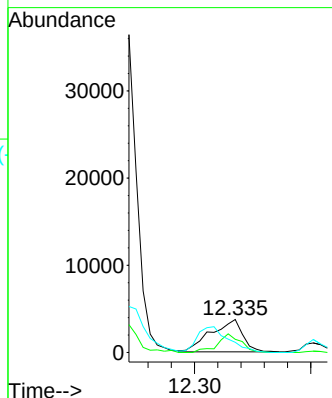
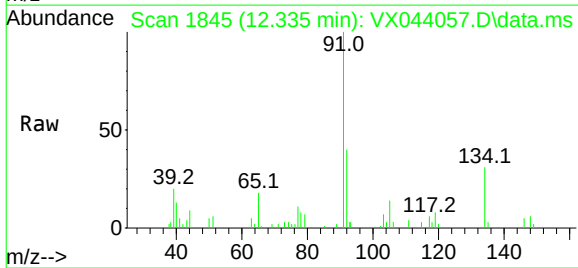
Instrument :

MSVOA_X

ClientSampleId :

MW-08

Tgt Ion:	91	Resp:	7040
Ion	Ratio	Lower	Upper
91	100		
92	42.2	26.6	79.8
134	78.8	12.4	37.2



#95

Naphthalene

Concen: 40.430 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044057.D

Acq: 02 Dec 2024 11:49

Tgt Ion:	128	Resp:	266488
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.7	8.6	12.8

