

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029740.D
 Acq On : 23 Jun 2022 13:44
 Operator : JC/MD
 Sample : N3202-03RE 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27RE

Quant Time: Jun 24 05:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

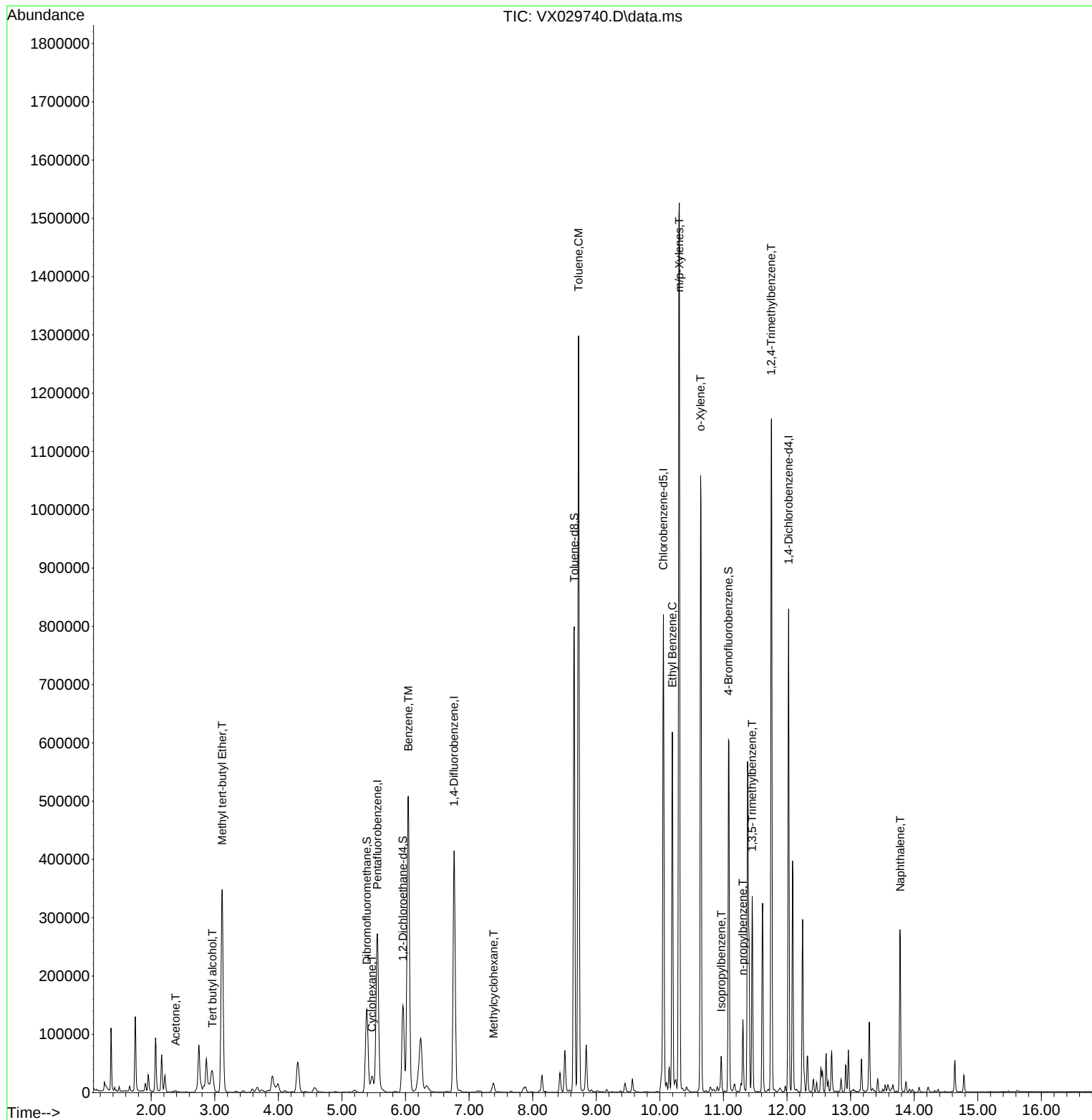
Internal Standards						
1) Pentafluorobenzene	5.556	168	268691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	445247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142344	40.021	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.040%
35) Dibromofluoromethane	5.391	113	128937	44.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.880%
50) Toluene-d8	8.653	98	494256	46.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.260%
62) 4-Bromofluorobenzene	11.079	95	179510	44.906	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	47645	54.224	ug/l #	92
16) Acetone	2.386	43	3326	2.346	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	407182	43.087	ug/l	99
31) Cyclohexane	5.471	56	19923	4.172	ug/l	91
39) Methylcyclohexane	7.385	83	6908	1.411	ug/l	97
40) Benzene	6.044	78	657150	56.451	ug/l	100
52) Toluene	8.720	92	501174	67.233	ug/l	97
67) Ethyl Benzene	10.195	91	358626	26.157	ug/l	95
68) m/p-Xylenes	10.305	106	383304	71.690	ug/l	100
69) o-Xylene	10.640	106	242956	45.993	ug/l	100
73) Isopropylbenzene	10.964	105	31700	2.501	ug/l	95
78) n-propylbenzene	11.305	91	73844	5.172	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	148080	13.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	547671	51.437	ug/l	100
95) Naphthalene	13.780	128	180435	15.215	ug/l	99

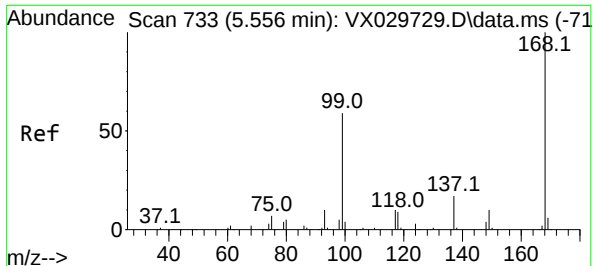
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
Data File : VX029740.D
Acq On : 23 Jun 2022 13:44
Operator : JC/MD
Sample : N3202-03RE 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-27RE

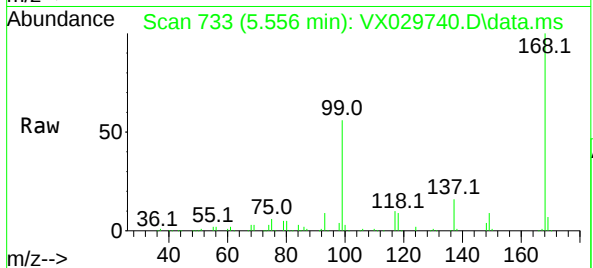
Quant Time: Jun 24 05:38:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration



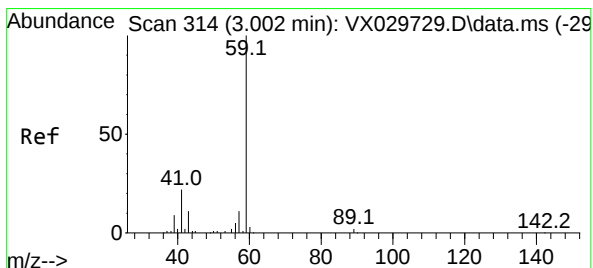
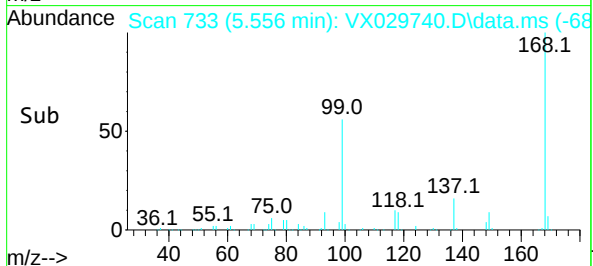
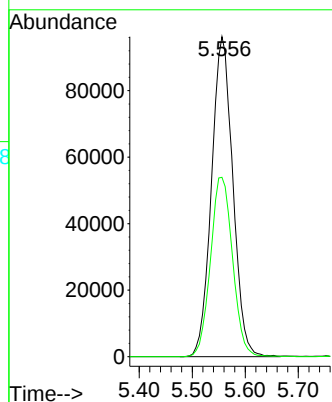


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
MW-27RE

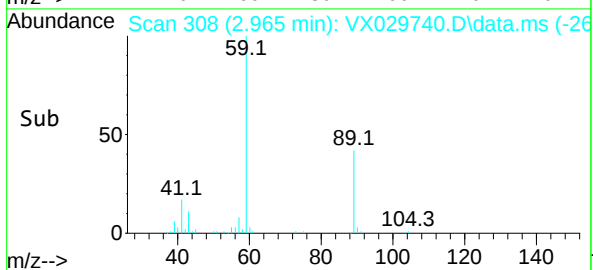
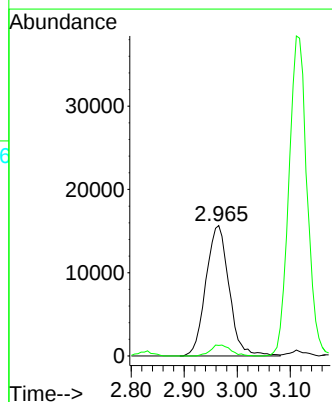
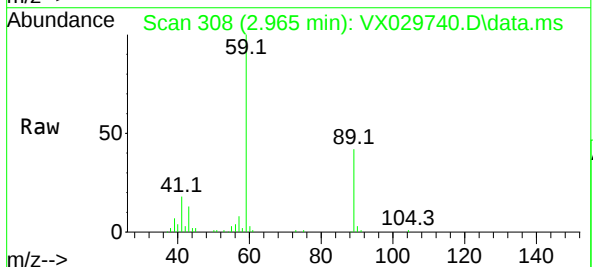


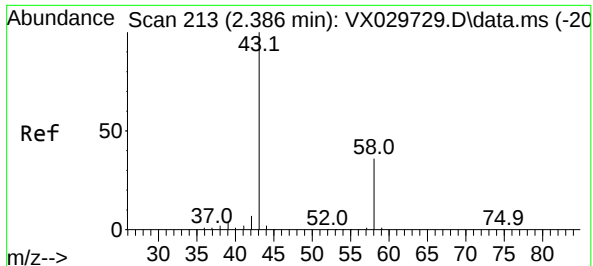
Tgt Ion:168 Resp: 268691
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#11
Tert butyl alcohol
Concen: 54.224 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

Tgt Ion: 59 Resp: 47645
Ion Ratio Lower Upper
59 100
57 7.4 8.3 12.5

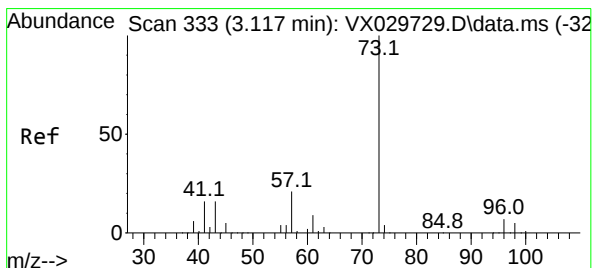
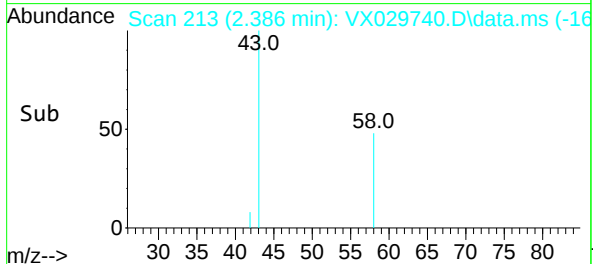
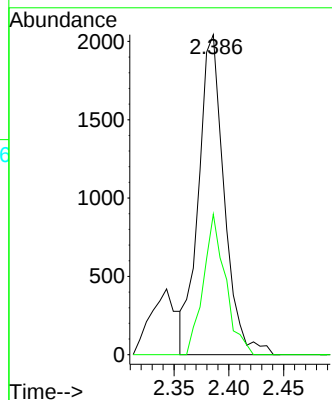
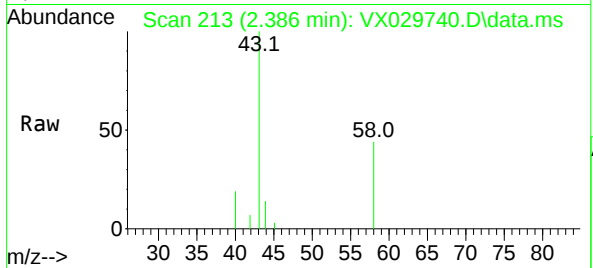




#16
Acetone
Concen: 2.346 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

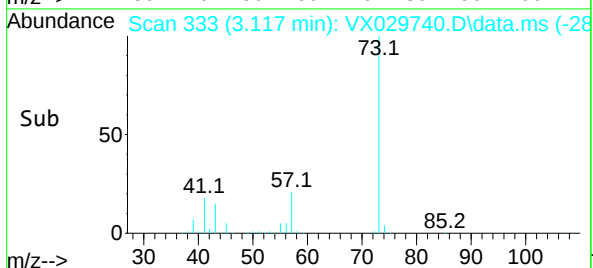
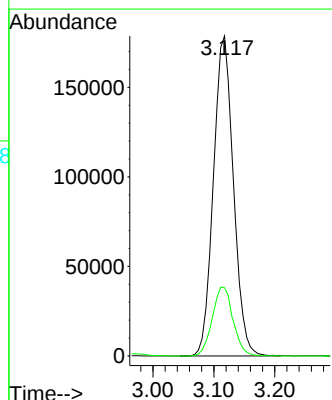
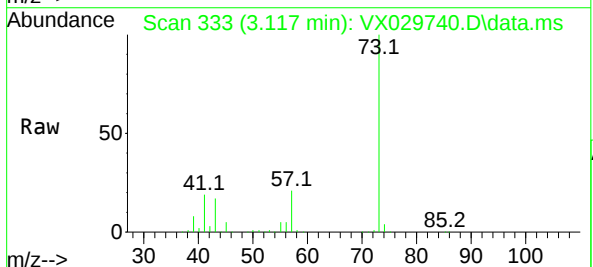
Instrument :
MSVOA_X
ClientSampleId :
MW-27RE

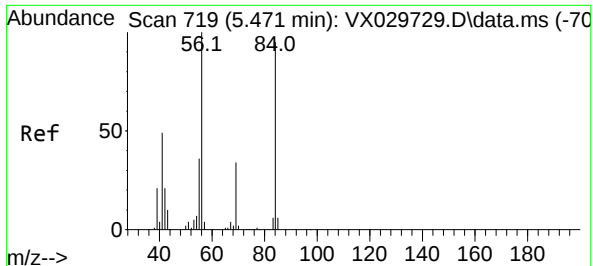
Tgt Ion: 43 Resp: 3326
Ion Ratio Lower Upper
43 100
58 43.9 28.8 43.2#



#19
Methyl tert-butyl Ether
Concen: 43.087 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

Tgt Ion: 73 Resp: 407182
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2

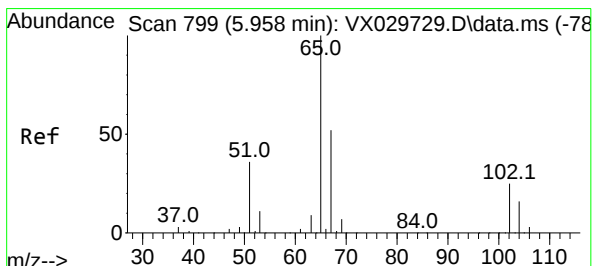
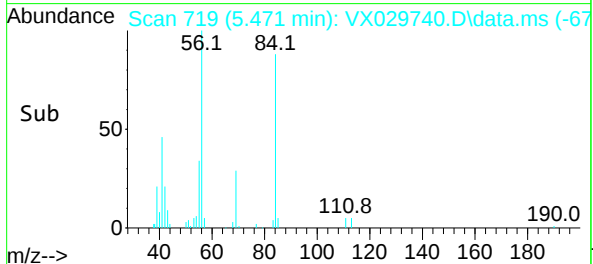
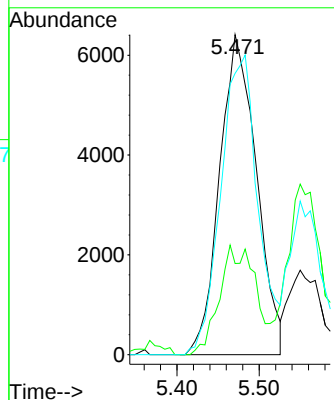
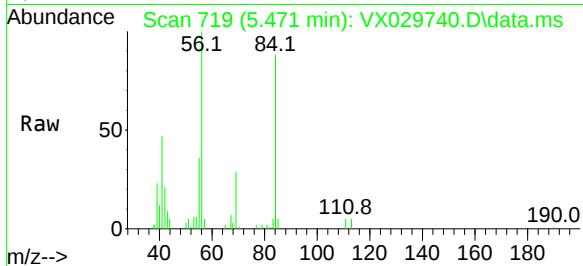




#31
Cyclohexane
Concen: 4.172 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

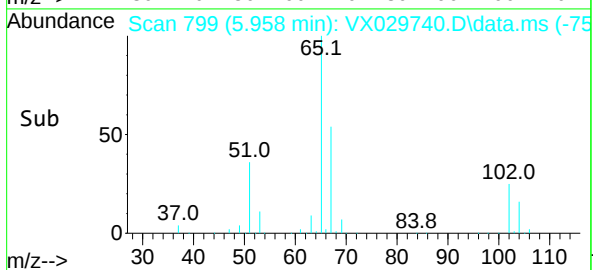
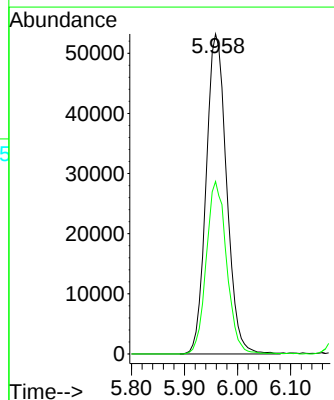
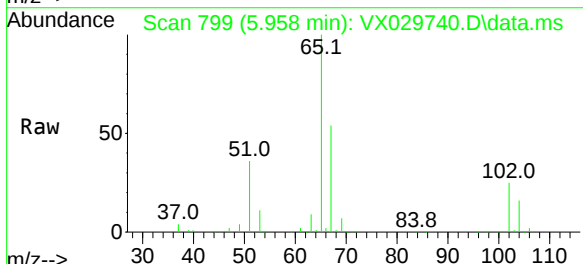
Instrument :
MSVOA_X
ClientSampleId :
MW-27RE

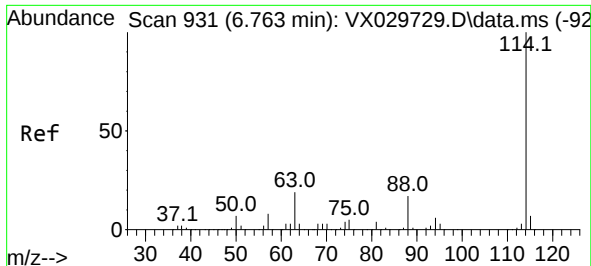
Tgt Ion: 56 Resp: 19923
Ion Ratio Lower Upper
56 100
69 28.5 26.7 40.1
84 87.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 40.021 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

Tgt Ion: 65 Resp: 142344
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.4

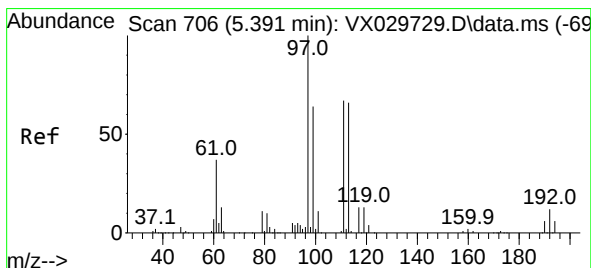
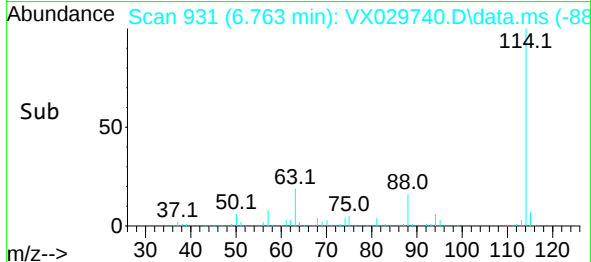
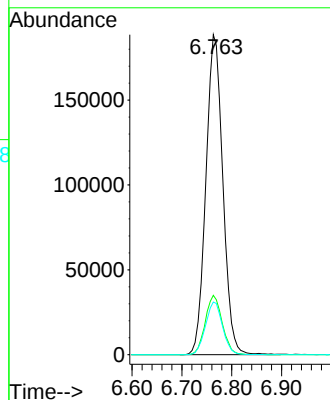
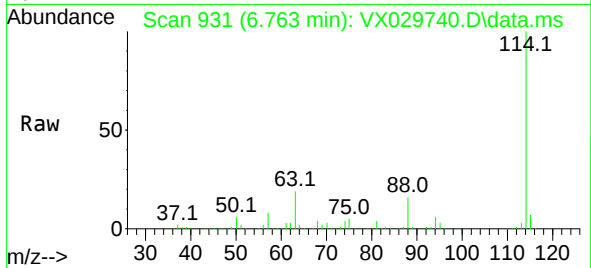




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

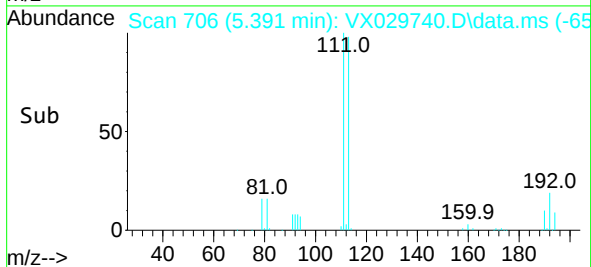
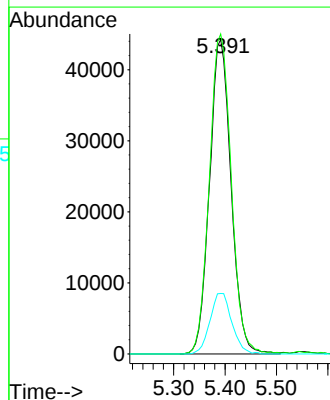
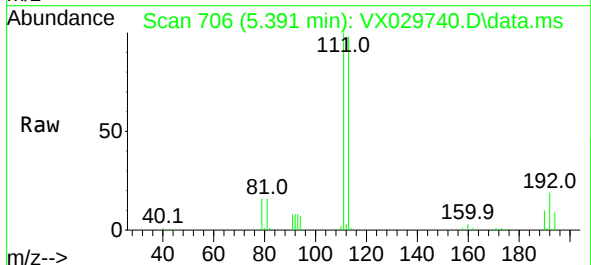
Instrument :
MSVOA_X
ClientSampleId :
MW-27RE

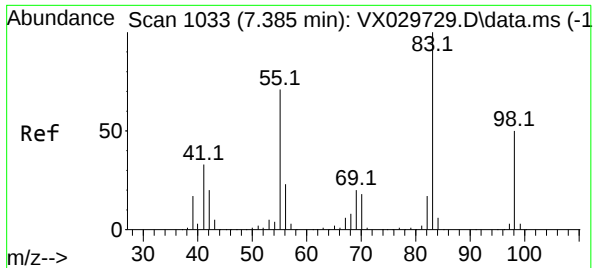
Tgt Ion:114 Resp: 445247
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.436 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

Tgt Ion:113 Resp: 128937
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 19.5 16.9 25.3

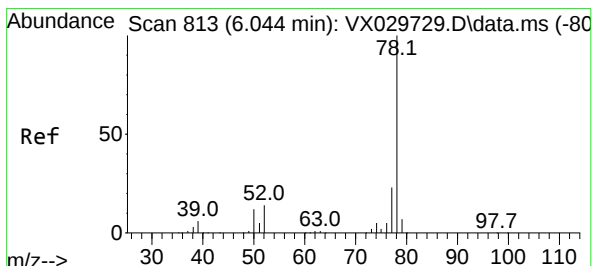
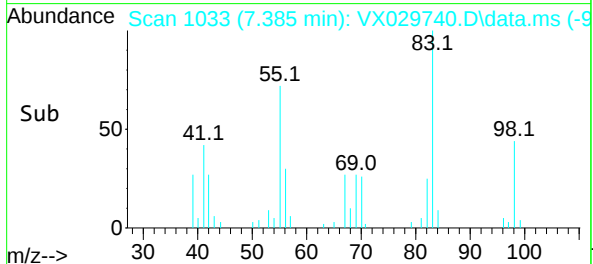
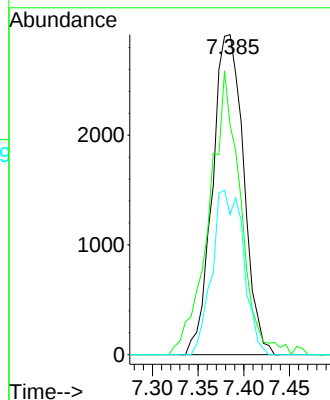
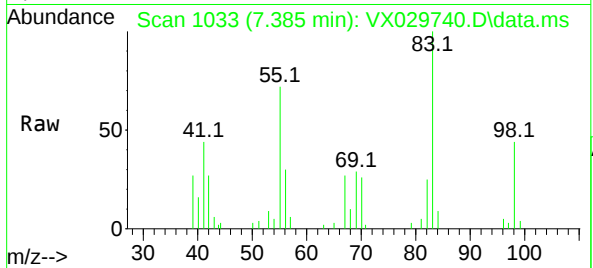




#39
Methylcyclohexane
Concen: 1.411 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

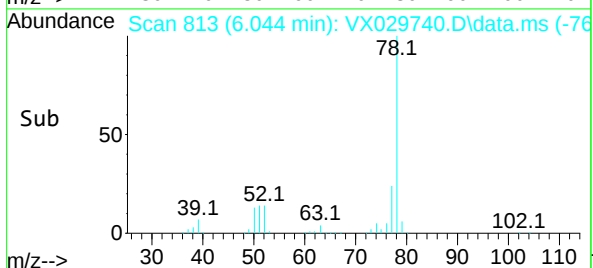
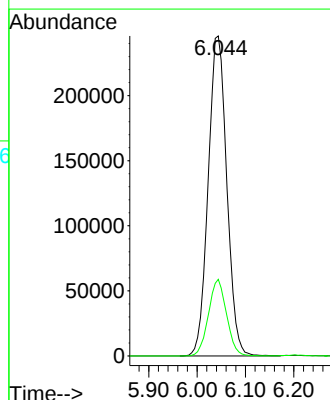
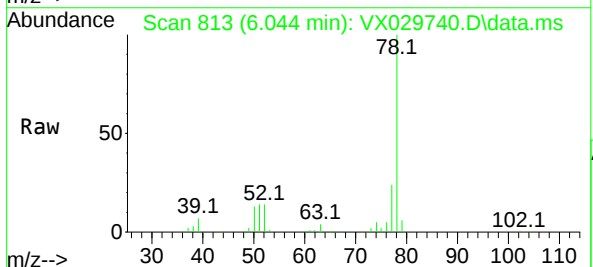
Instrument :
MSVOA_X
ClientSampleId :
MW-27RE

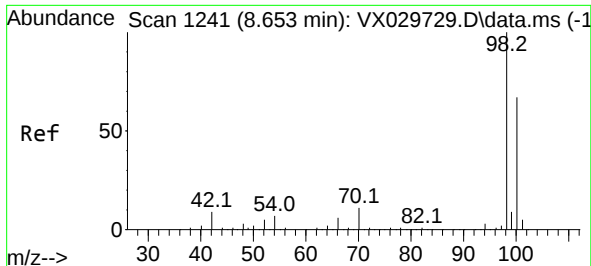
Tgt Ion: 83 Resp: 6908
Ion Ratio Lower Upper
83 100
55 69.3 54.6 81.8
98 43.8 37.4 56.2



#40
Benzene
Concen: 56.451 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

Tgt Ion: 78 Resp: 657150
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

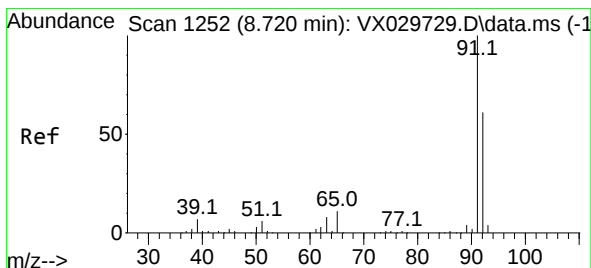
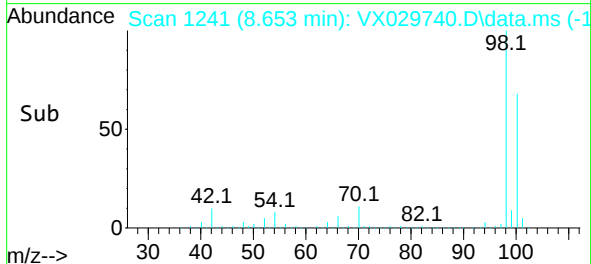
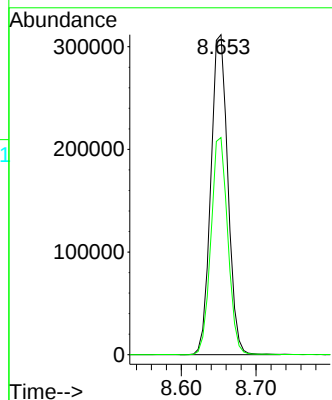
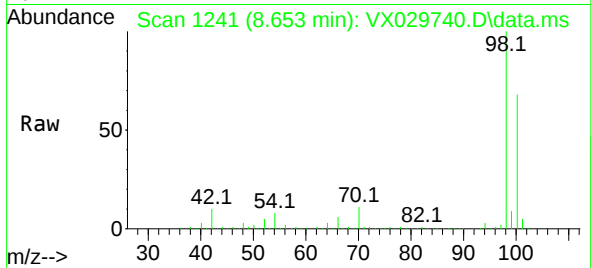




#50
Toluene-d8
Concen: 46.627 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

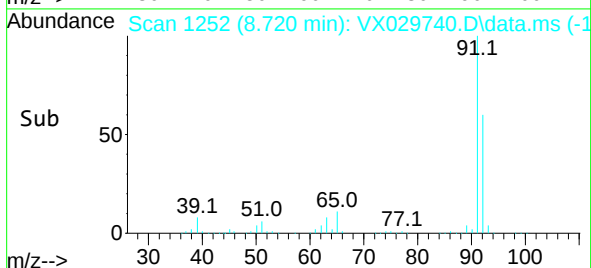
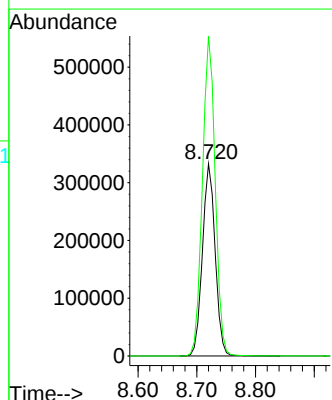
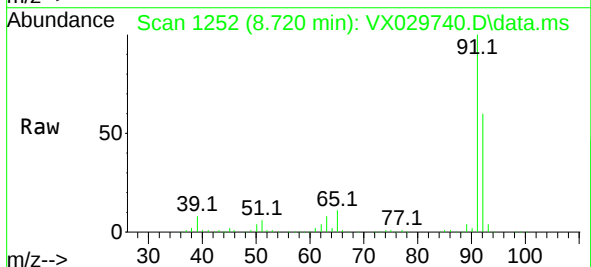
Instrument :
MSVOA_X
ClientSampleId :
MW-27RE

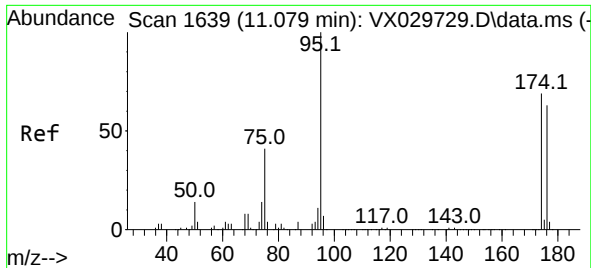
Tgt Ion: 98 Resp: 494256
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#52
Toluene
Concen: 67.233 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

Tgt Ion: 92 Resp: 501174
Ion Ratio Lower Upper
92 100
91 167.3 137.5 206.3

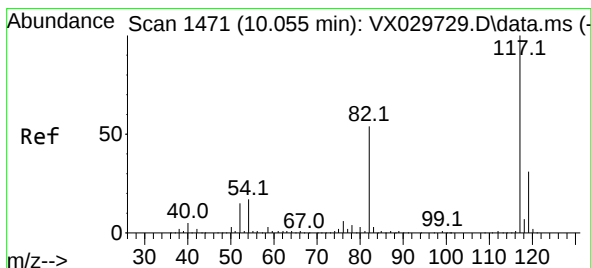
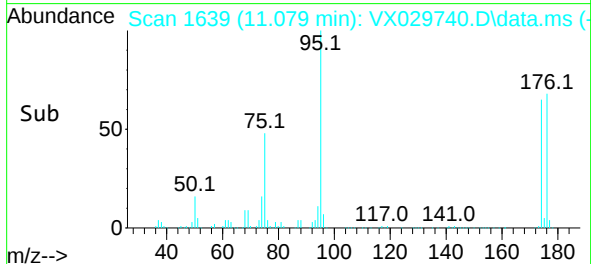
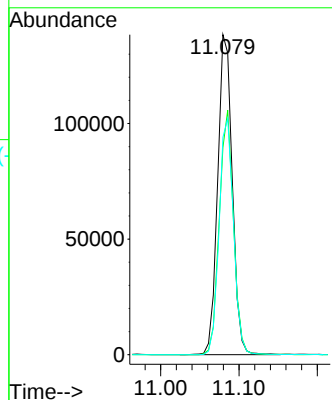
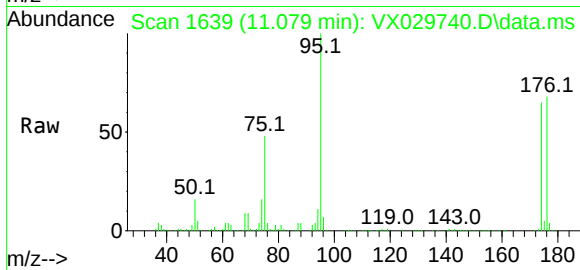




#62
4-Bromofluorobenzene
Concen: 44.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

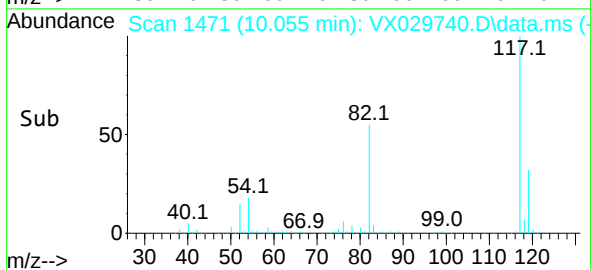
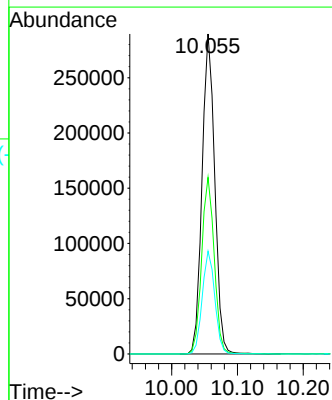
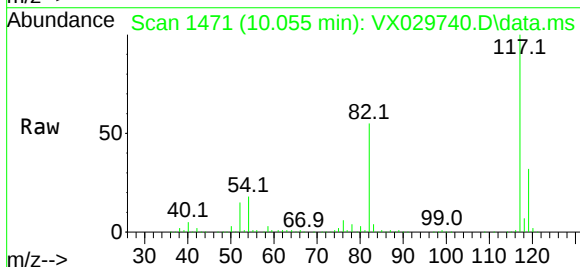
Instrument :
MSVOA_X
ClientSampleId :
MW-27RE

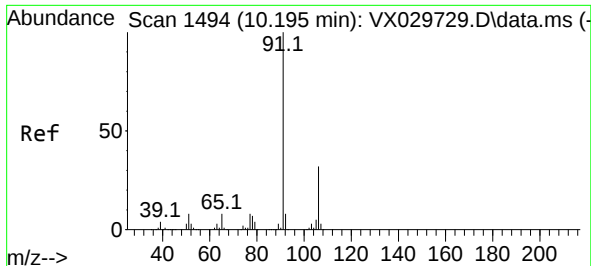
Tgt Ion: 95 Resp: 179510
Ion Ratio Lower Upper
95 100
174 73.9 0.0 163.0
176 72.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

Tgt Ion: 117 Resp: 388417
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 32.1 24.8 37.2





#67

Ethyl Benzene

Concen: 26.157 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029740.D

Acq: 23 Jun 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

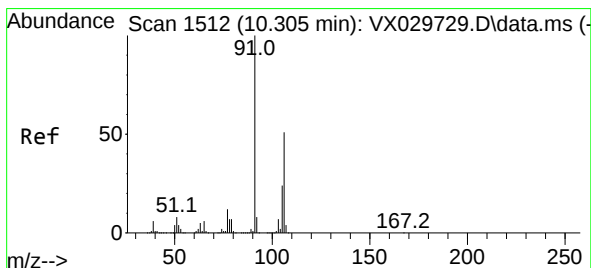
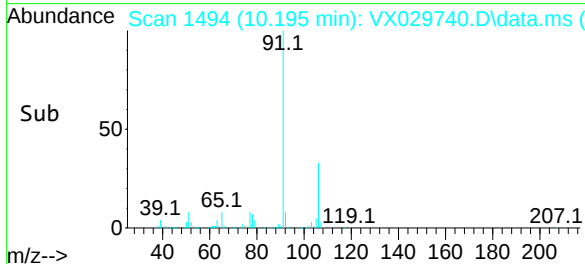
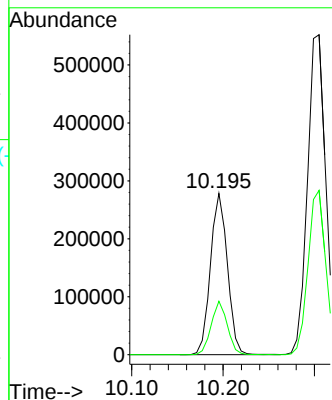
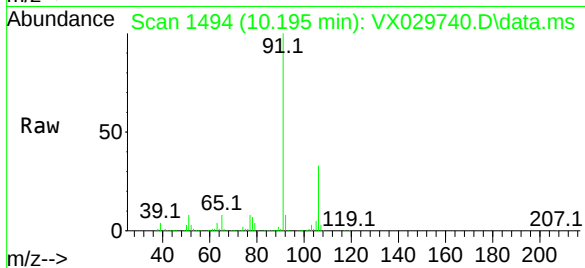
MW-27RE

Tgt Ion: 91 Resp: 358626

Ion Ratio Lower Upper

91 100

106 33.2 24.6 36.8



#68

m/p-Xylenes

Concen: 71.690 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029740.D

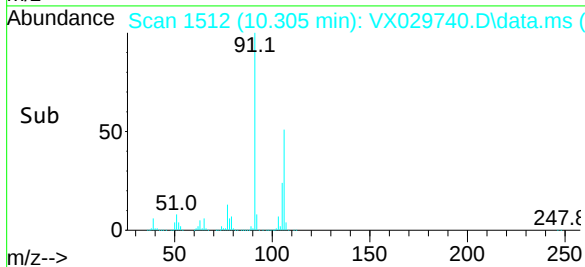
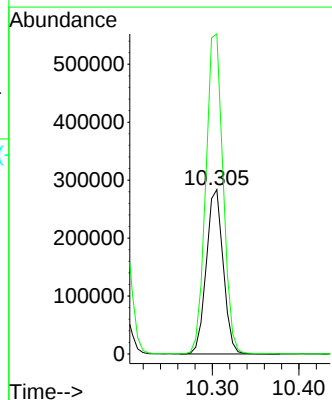
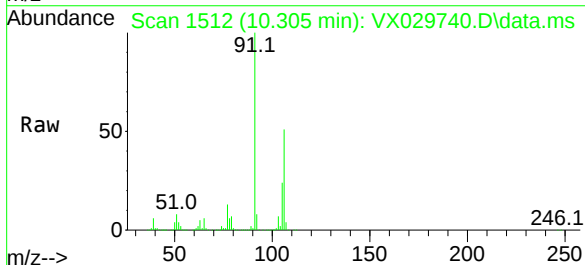
Acq: 23 Jun 2022 13:44

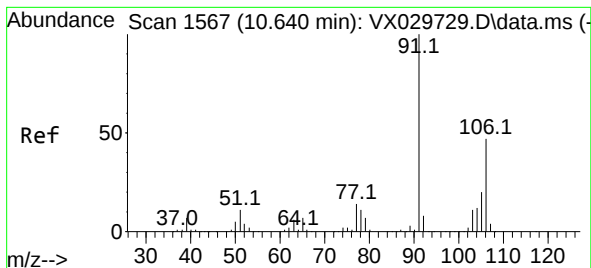
Tgt Ion:106 Resp: 383304

Ion Ratio Lower Upper

106 100

91 199.8 160.4 240.6





#69

o-Xylene

Concen: 45.993 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX029740.D

Acq: 23 Jun 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

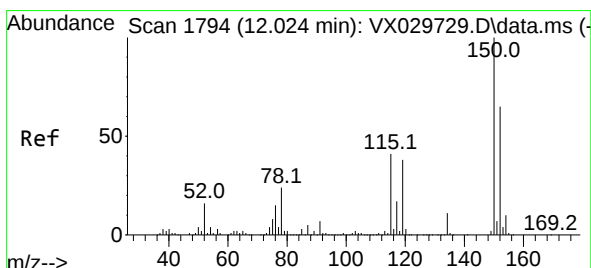
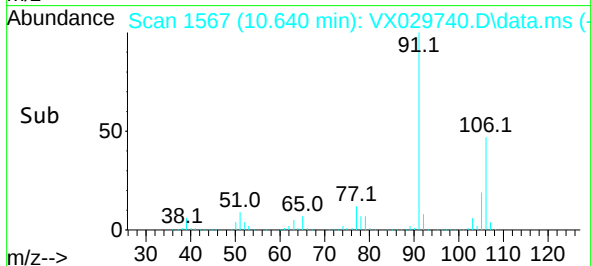
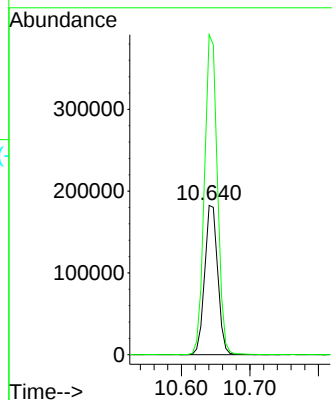
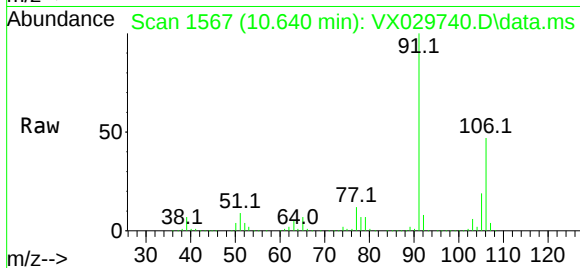
MW-27RE

Tgt Ion:106 Resp: 242956

Ion Ratio Lower Upper

106 100

91 212.2 106.1 318.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029740.D

Acq: 23 Jun 2022 13:44

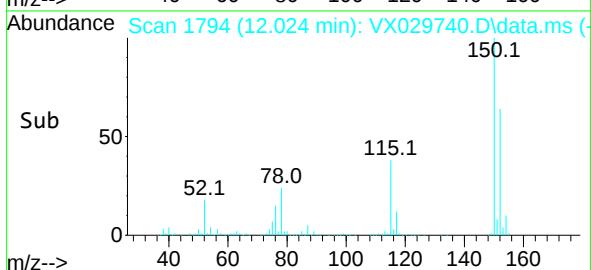
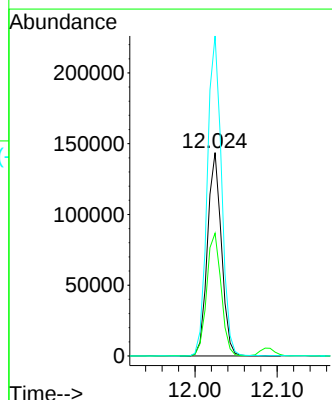
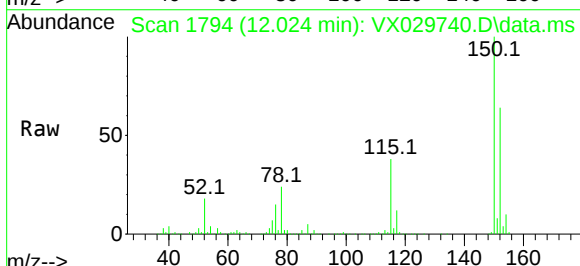
Tgt Ion:152 Resp: 169069

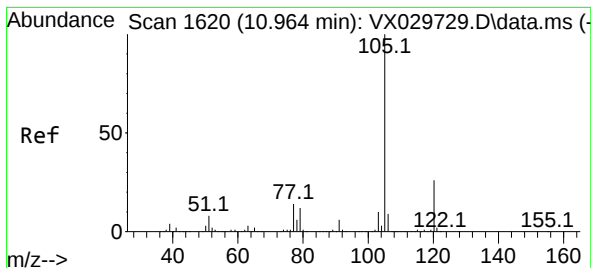
Ion Ratio Lower Upper

152 100

115 62.3 37.5 112.7

150 160.9 0.0 338.2





#73

Isopropylbenzene

Concen: 2.501 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX029740.D

Acq: 23 Jun 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

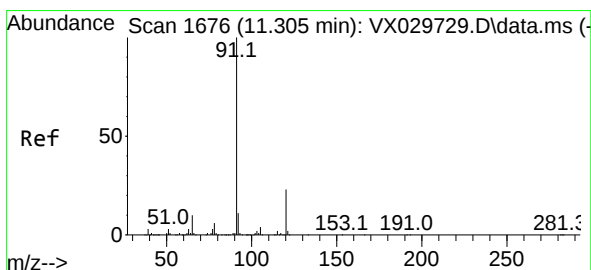
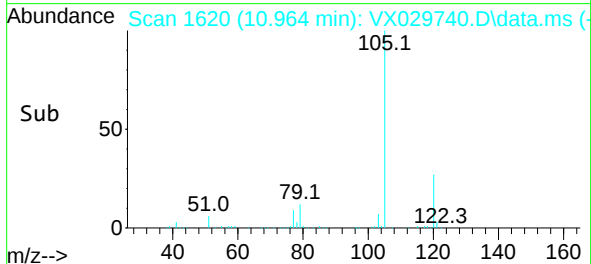
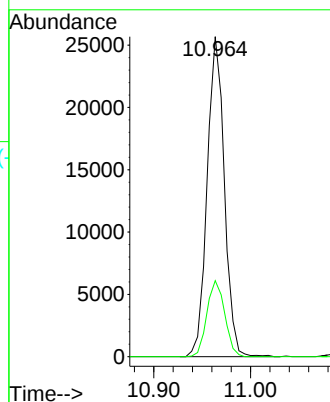
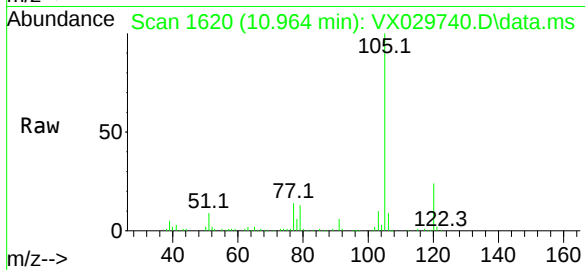
MW-27RE

Tgt Ion:105 Resp: 31700

Ion Ratio Lower Upper

105 100

120 24.6 13.5 40.5



#78

n-propylbenzene

Concen: 5.172 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029740.D

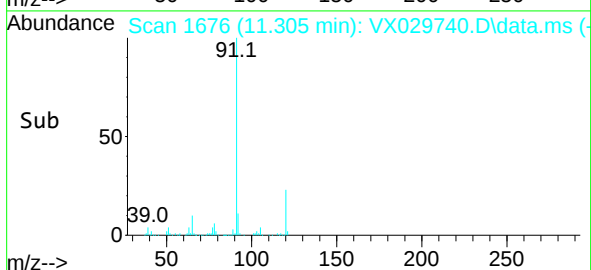
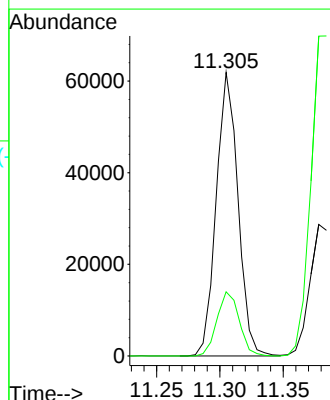
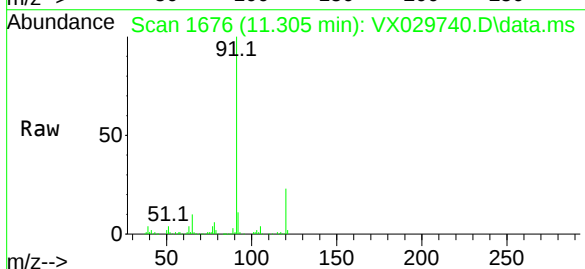
Acq: 23 Jun 2022 13:44

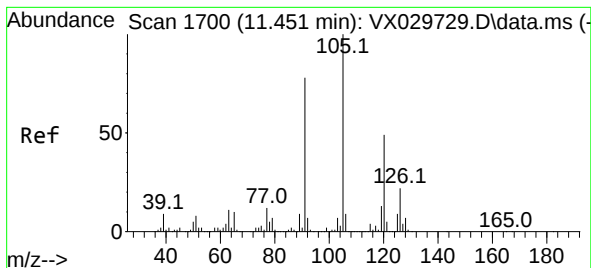
Tgt Ion: 91 Resp: 73844

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 13.871 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029740.D

Acq: 23 Jun 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

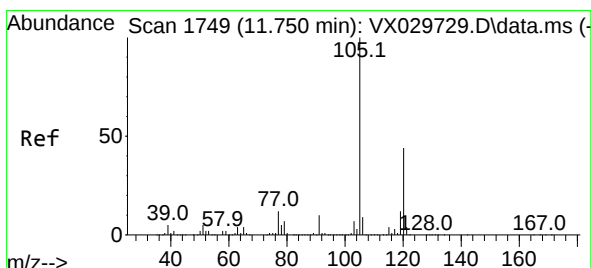
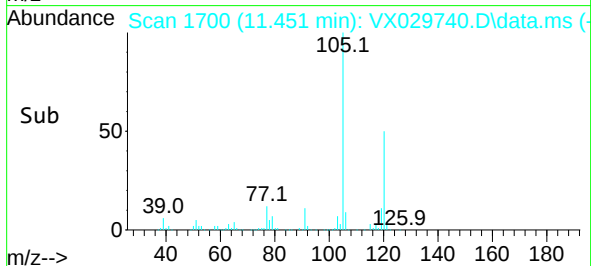
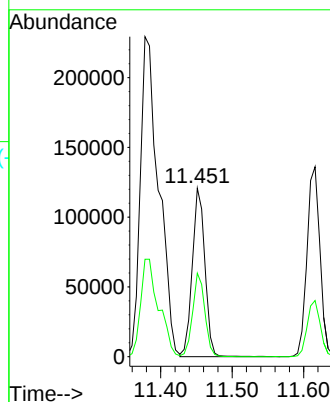
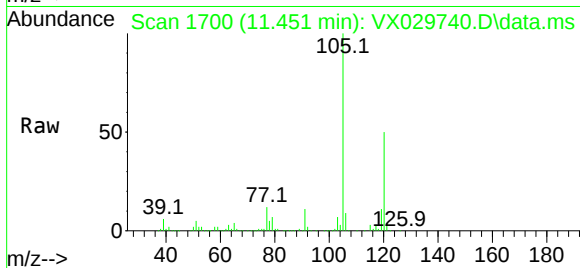
MW-27RE

Tgt Ion:105 Resp: 148080

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 51.437 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX029740.D

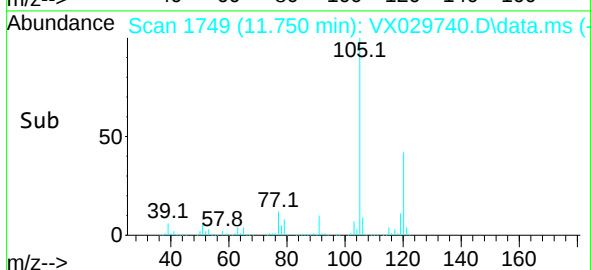
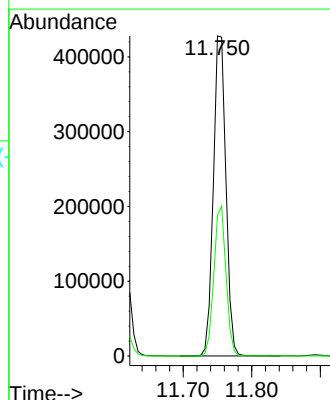
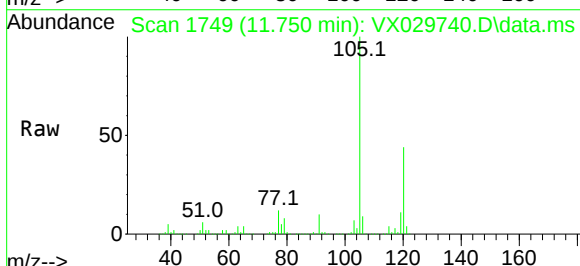
Acq: 23 Jun 2022 13:44

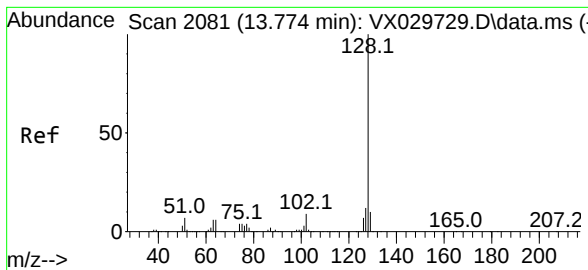
Tgt Ion:105 Resp: 547671

Ion Ratio Lower Upper

105 100

120 45.3 22.6 67.8





#95
Naphthalene
Concen: 15.215 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029740.D
Acq: 23 Jun 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
MW-27RE

Tgt Ion:	128	Resp:	180435
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.4
129	11.2	8.7	13.1

