

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029642.D
 Acq On : 21 Jun 2022 05:45
 Operator : JC/MD
 Sample : N3354-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-50

Quant Time: Jun 21 08:47:44 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)

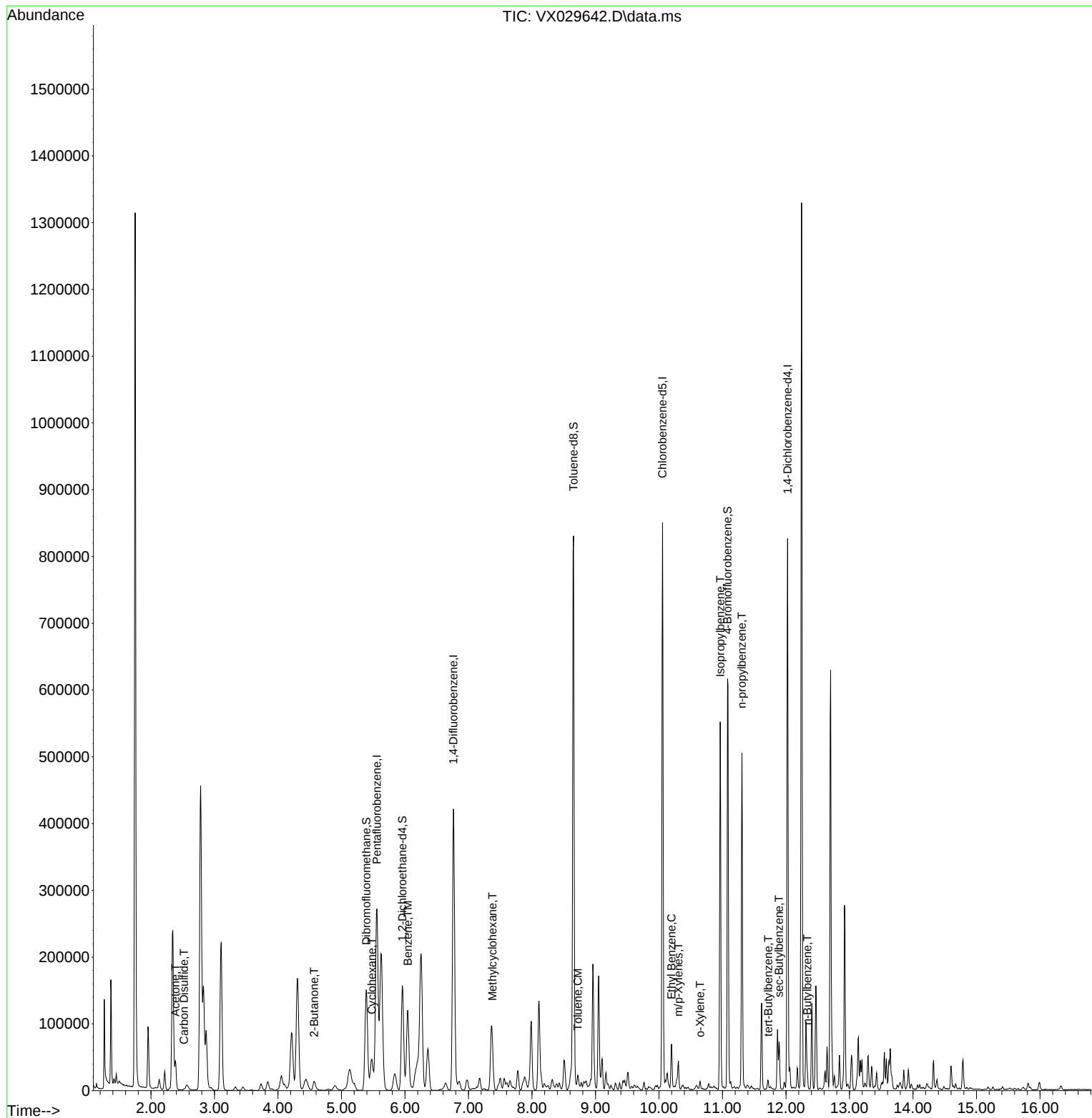
Internal Standards						
1) Pentafluorobenzene	5.556	168	262494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150087	43.194	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.380%
35) Dibromofluoromethane	5.391	113	132024	45.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.653	98	507298	47.710	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	11.079	95	185497	46.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.520%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	42864	30.949	ug/l	99
17) Carbon Disulfide	2.520	76	3884	0.563	ug/l #	89
25) 2-Butanone	4.568	43	21817	9.966	ug/l	99
31) Cyclohexane	5.477	56	32488	6.964	ug/l	95
39) Methylcyclohexane	7.379	83	22414	4.564	ug/l #	61
40) Benzene	6.044	78	150985	12.930	ug/l	97
52) Toluene	8.720	92	7825	1.046	ug/l	98
67) Ethyl Benzene	10.195	91	37448	2.732	ug/l	99
68) m/p-Xylenes	10.305	106	9067	1.696	ug/l	93
69) o-Xylene	10.647	106	2137	0.405	ug/l	99
73) Isopropylbenzene	10.964	105	280280	21.334	ug/l	99
78) n-propylbenzene	11.305	91	305286	20.632	ug/l	99
83) tert-Butylbenzene	11.720	119	5296	0.491	ug/l	78
85) sec-Butylbenzene	11.890	105	37983	2.841	ug/l #	56
89) n-Butylbenzene	12.335	91	19629	2.078	ug/l #	48

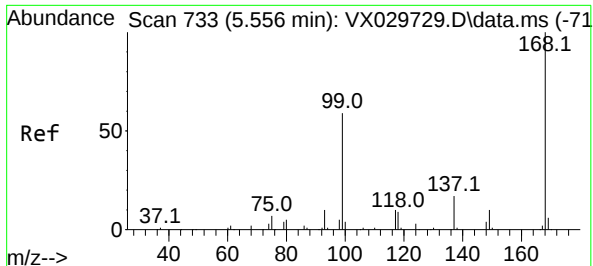
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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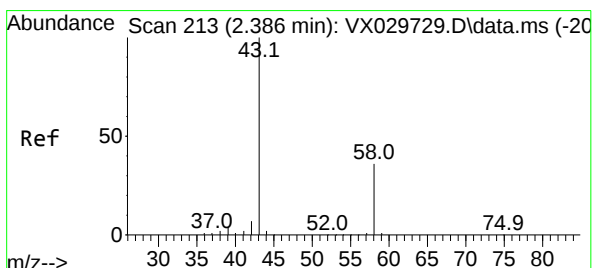
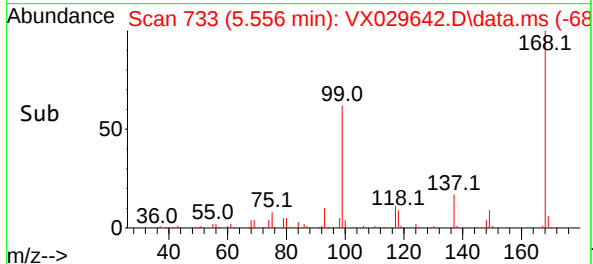
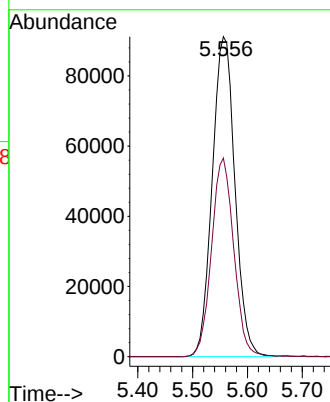
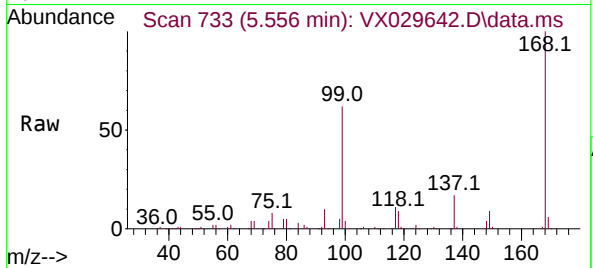




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

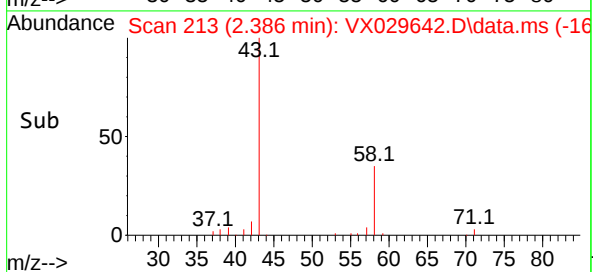
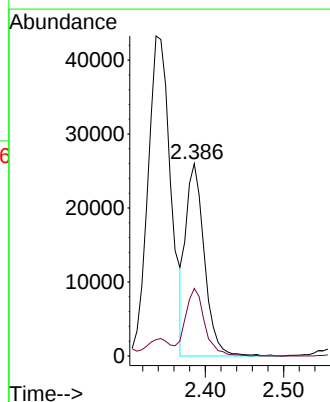
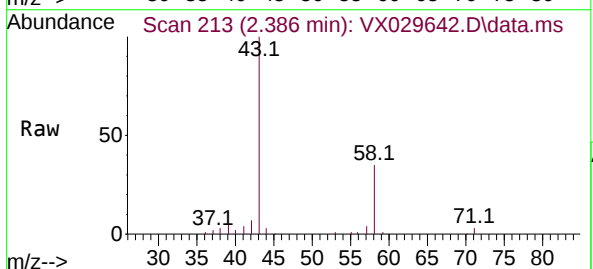
Instrument :
MSVOA_X
ClientSampleId :
MW-50

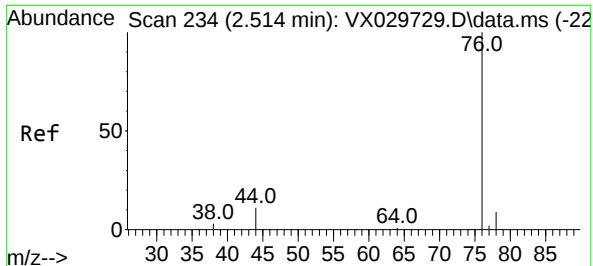
Tgt Ion:168 Resp: 262494
Ion Ratio Lower Upper
168 100
99 62.1 41.7 62.5



#16
Acetone
Concen: 30.949 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

Tgt Ion: 43 Resp: 42864
Ion Ratio Lower Upper
43 100
58 35.2 28.8 43.2

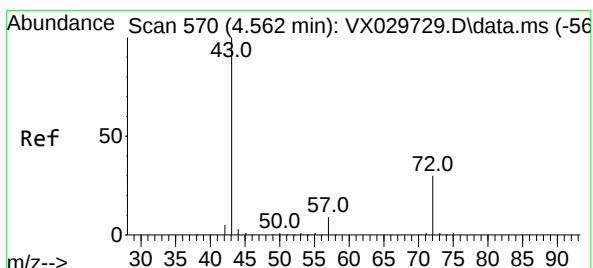
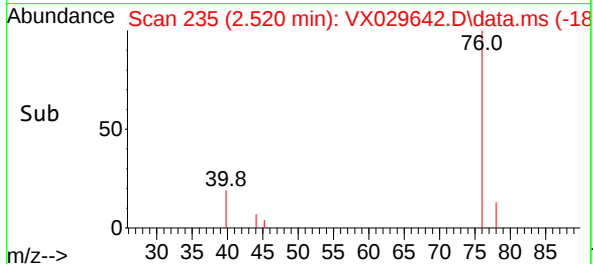
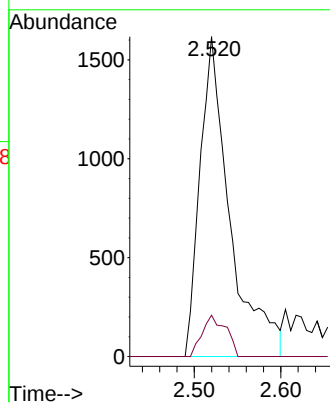
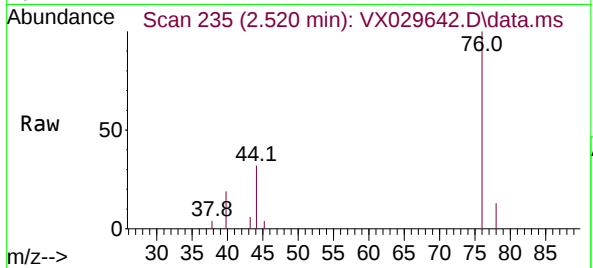




#17
Carbon Disulfide
Concen: 0.563 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

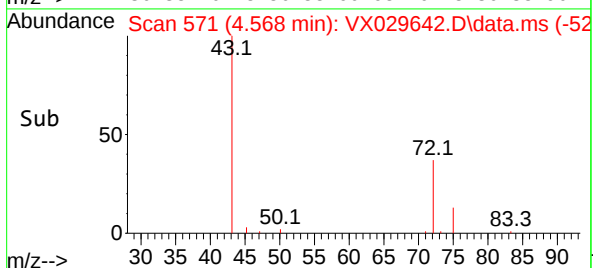
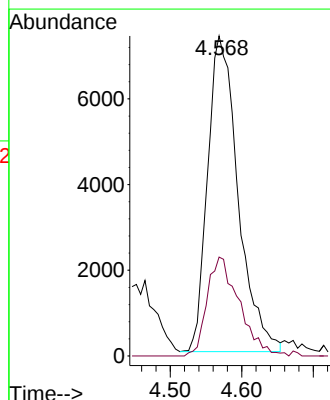
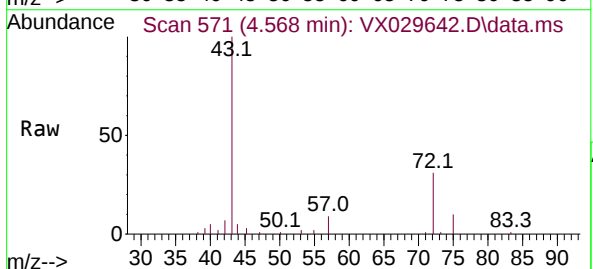
Instrument :
MSVOA_X
ClientSampleId :
MW-50

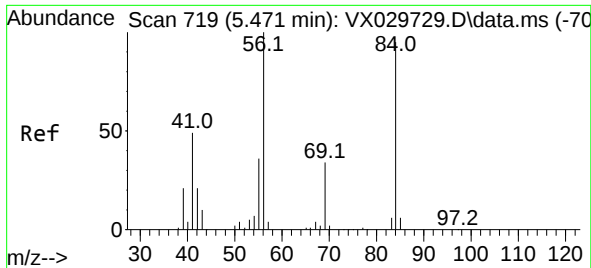
Tgt Ion: 76 Resp: 3884
Ion Ratio Lower Upper
76 100
78 12.9 7.2 10.8#



#25
2-Butanone
Concen: 9.966 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

Tgt Ion: 43 Resp: 21817
Ion Ratio Lower Upper
43 100
72 31.3 24.4 36.6

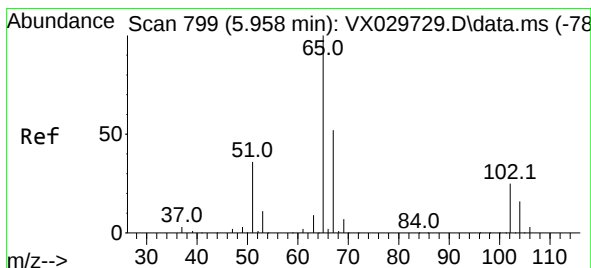
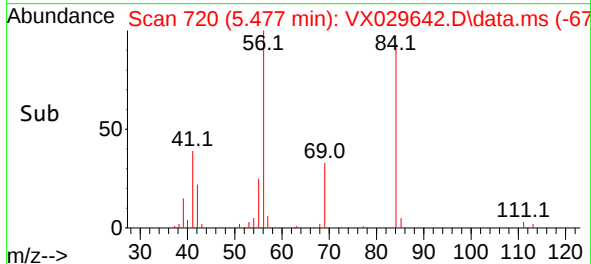
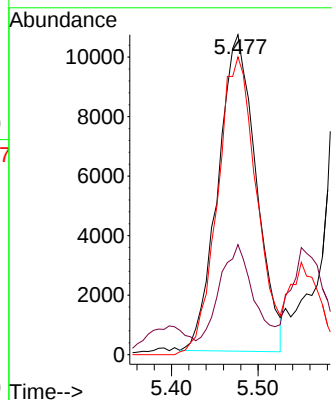
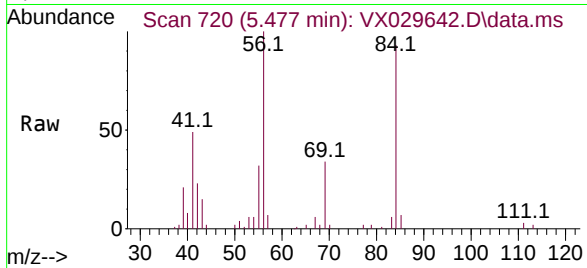




#31
Cyclohexane
Concen: 6.964 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

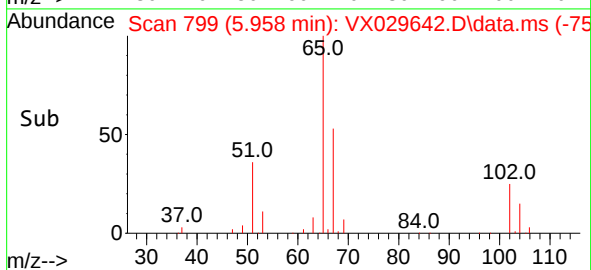
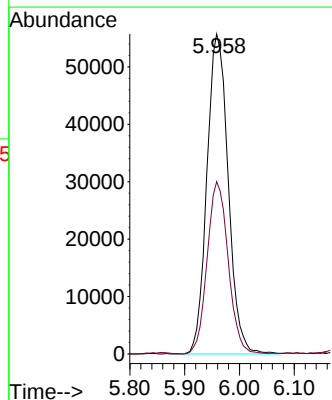
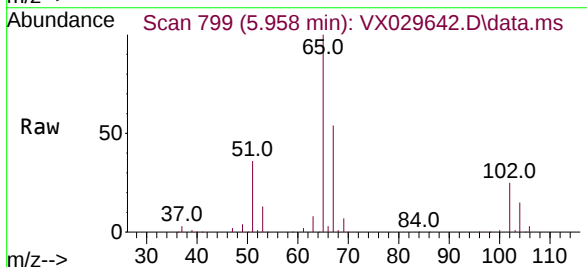
Instrument :
MSVOA_X
ClientSampleId :
MW-50

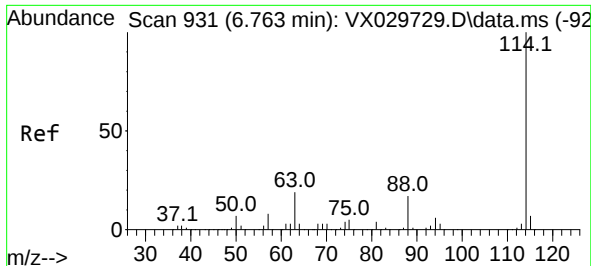
Tgt Ion: 56 Resp: 32488
Ion Ratio Lower Upper
56 100
69 27.2 26.7 40.1
84 93.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 43.194 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

Tgt Ion: 65 Resp: 150087
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.4

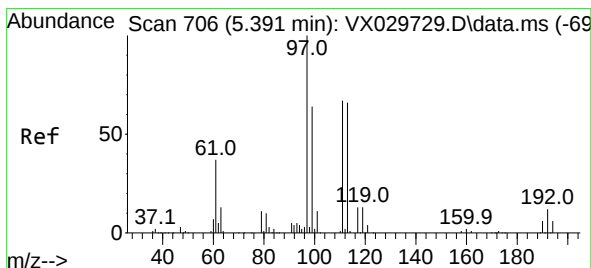
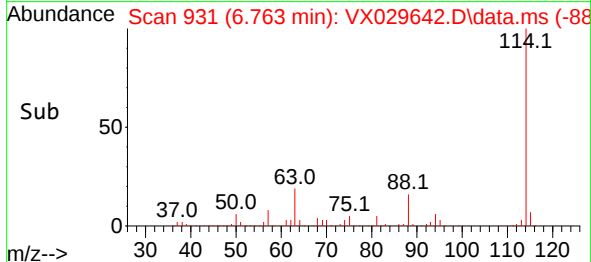
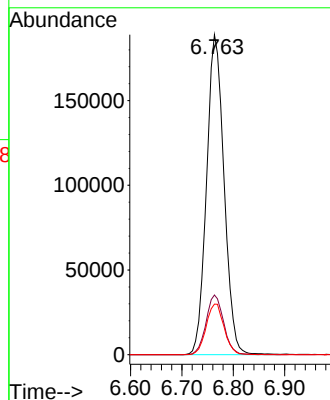
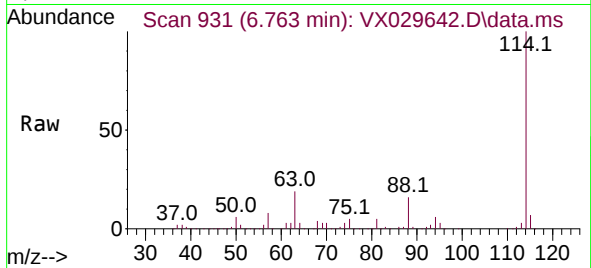




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

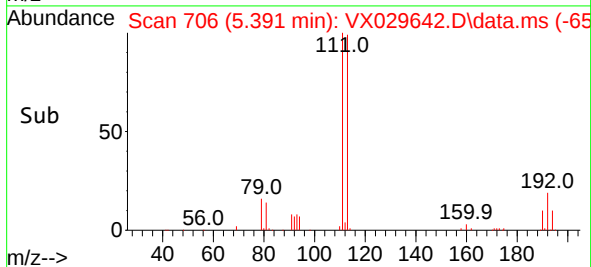
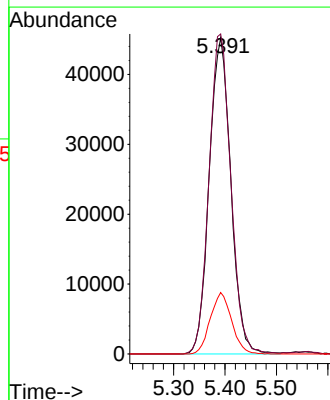
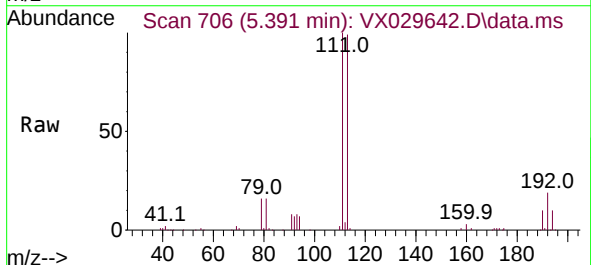
Instrument :
MSVOA_X
ClientSampleId :
MW-50

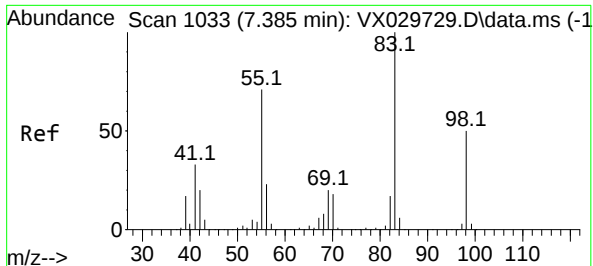
Tgt Ion:114 Resp: 446628
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.360 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

Tgt Ion:113 Resp: 132024
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 19.2 16.9 25.3





#39

Methylcyclohexane

Concen: 4.564 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029642.D

Acq: 21 Jun 2022 05:45

Instrument :

MSVOA_X

ClientSampleId :

MW-50

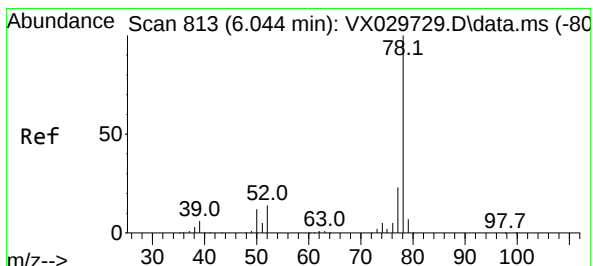
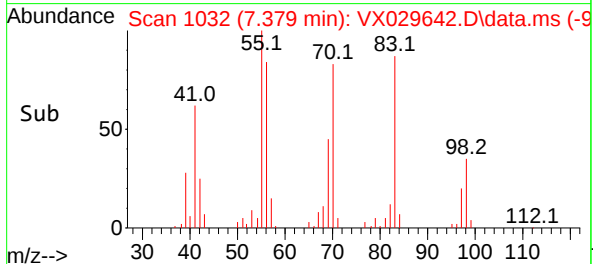
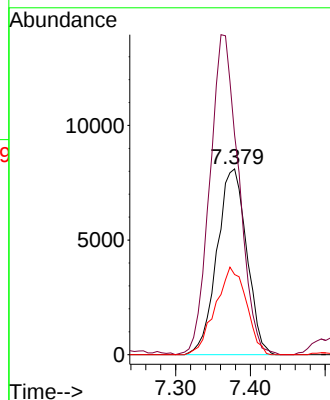
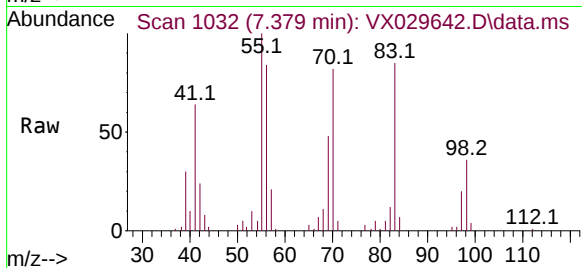
Tgt Ion: 83 Resp: 22414

Ion Ratio Lower Upper

83 100

55 118.2 54.6 81.8#

98 43.1 37.4 56.2



#40

Benzene

Concen: 12.930 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029642.D

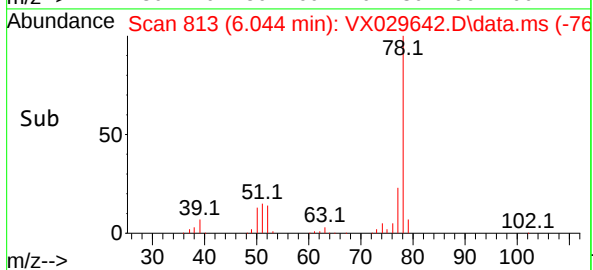
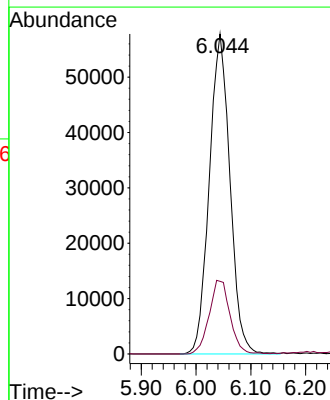
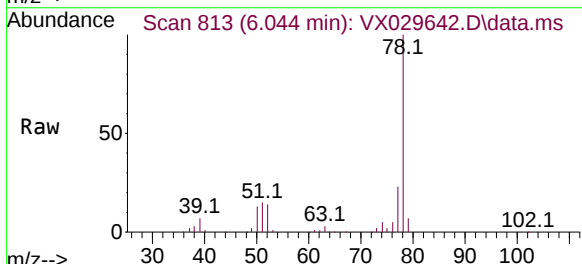
Acq: 21 Jun 2022 05:45

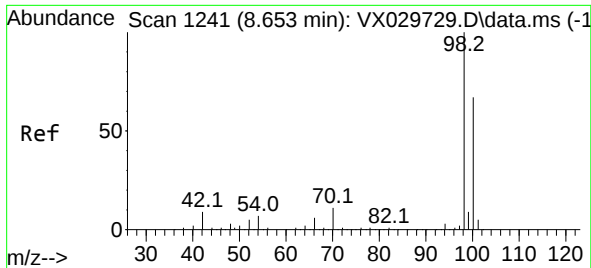
Tgt Ion: 78 Resp: 150985

Ion Ratio Lower Upper

78 100

77 22.7 19.3 28.9

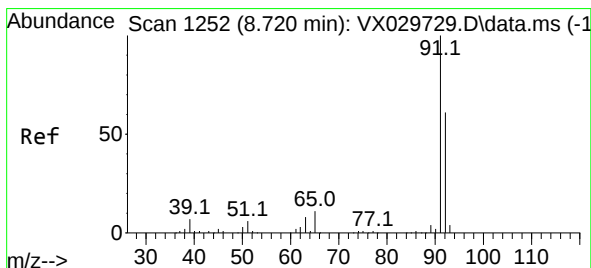
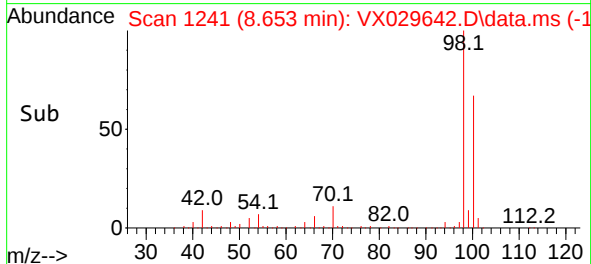
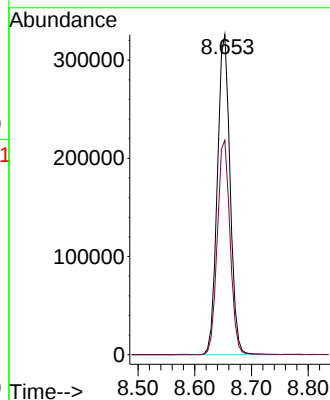
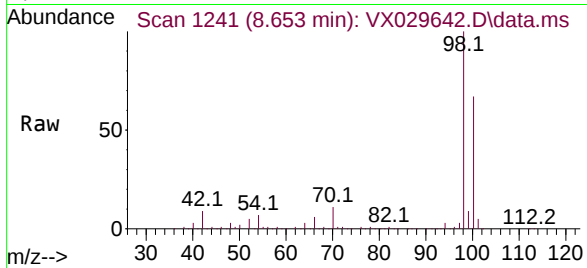




#50
Toluene-d8
Concen: 47.710 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

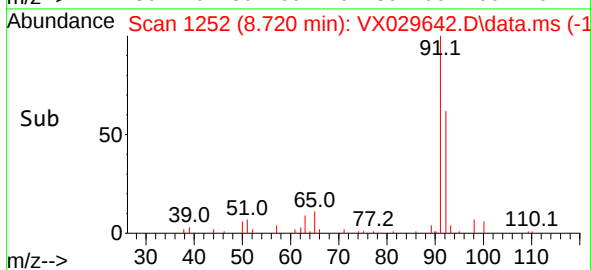
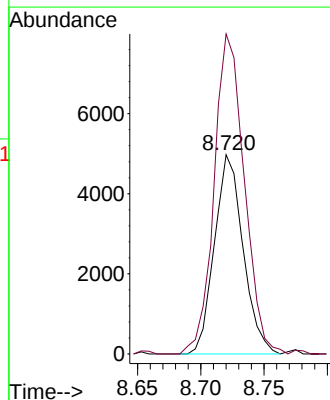
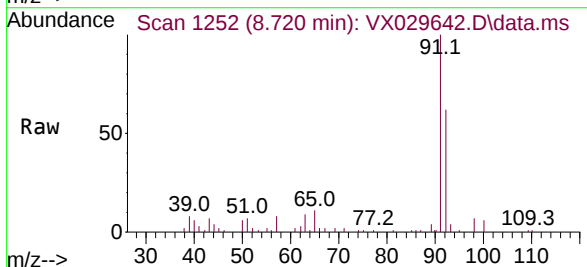
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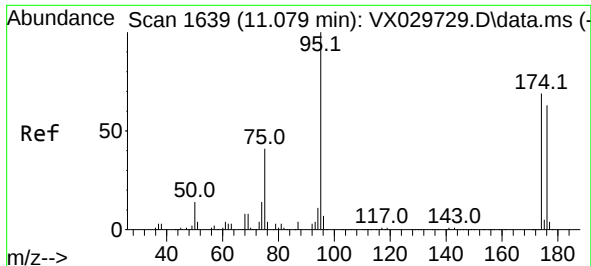
Tgt Ion: 98 Resp: 507298
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#52
Toluene
Concen: 1.046 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

Tgt Ion: 92 Resp: 7825
Ion Ratio Lower Upper
92 100
91 169.1 137.5 206.3

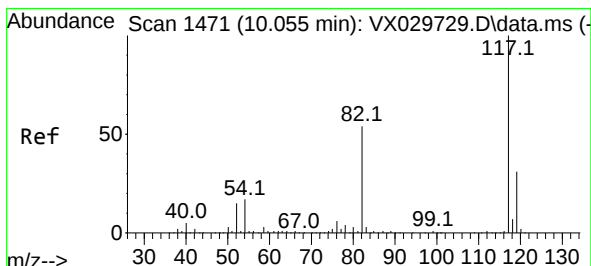
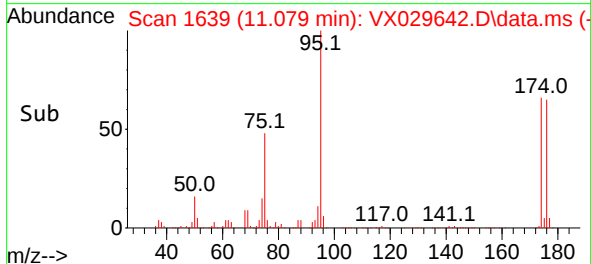
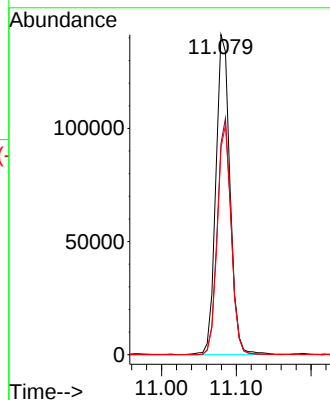
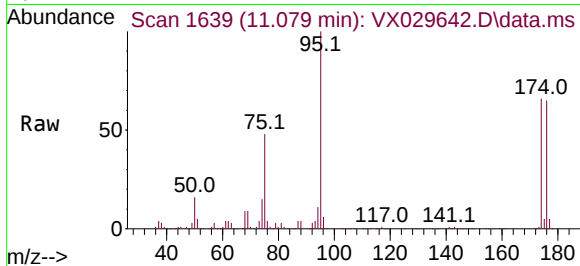




#62
4-Bromofluorobenzene
Concen: 46.260 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

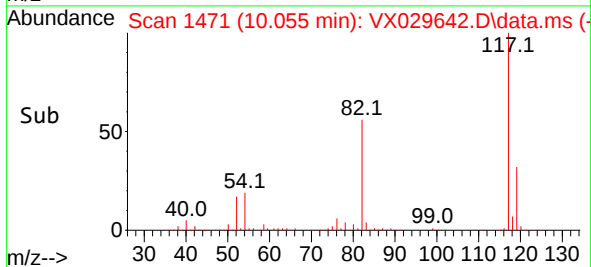
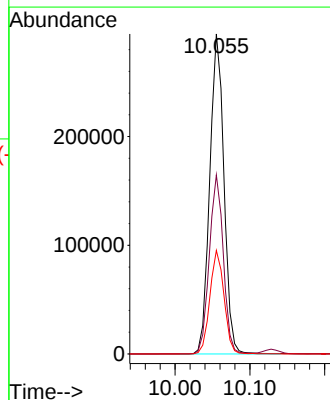
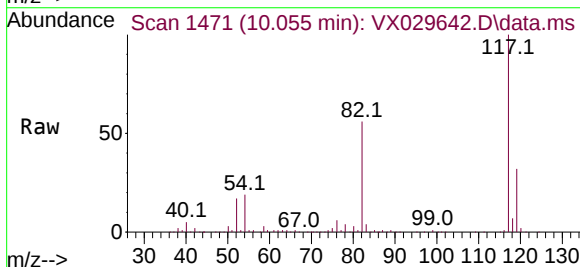
Instrument :
MSVOA_X
ClientSampleId :
MW-50

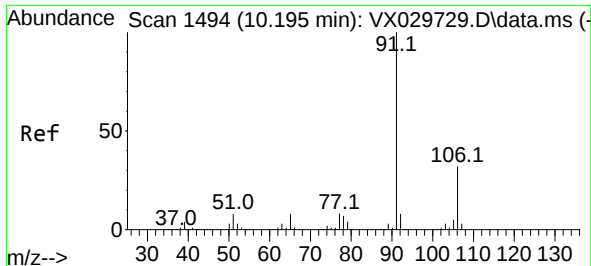
Tgt Ion: 95 Resp: 185497
Ion Ratio Lower Upper
95 100
174 71.9 0.0 163.0
176 70.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

Tgt Ion: 117 Resp: 388376
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.3 24.8 37.2





#67

Ethyl Benzene

Concen: 2.732 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029642.D

Acq: 21 Jun 2022 05:45

Instrument :

MSVOA_X

ClientSampleId :

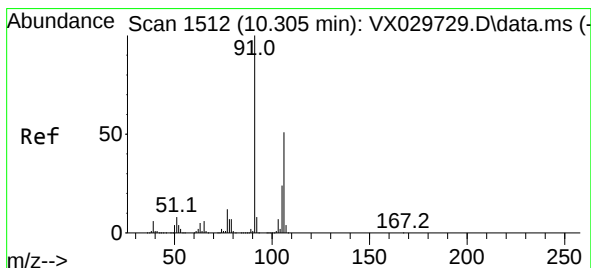
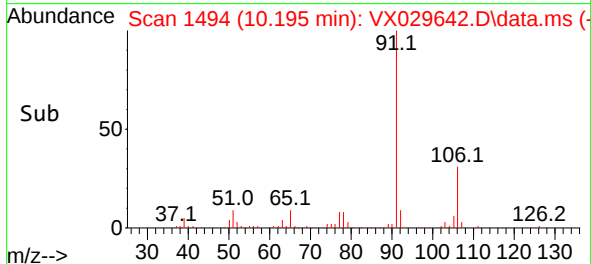
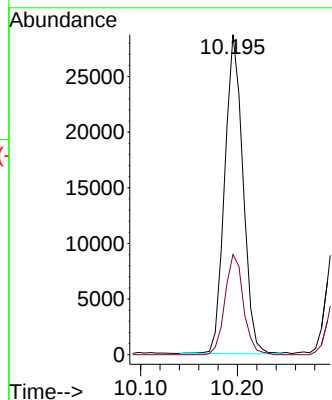
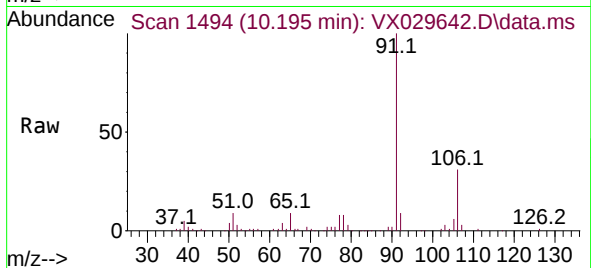
MW-50

Tgt Ion: 91 Resp: 37448

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 1.696 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029642.D

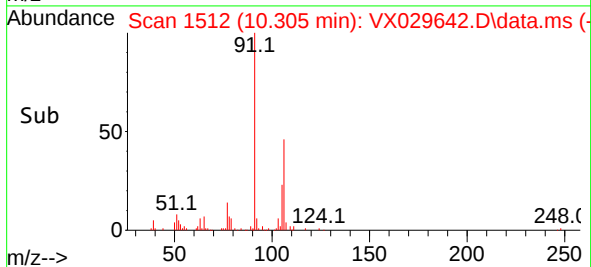
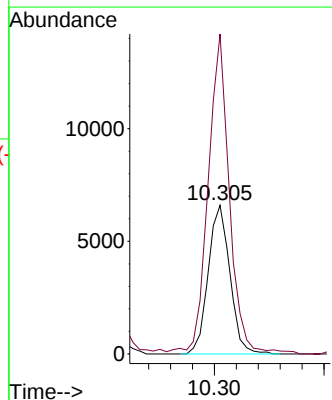
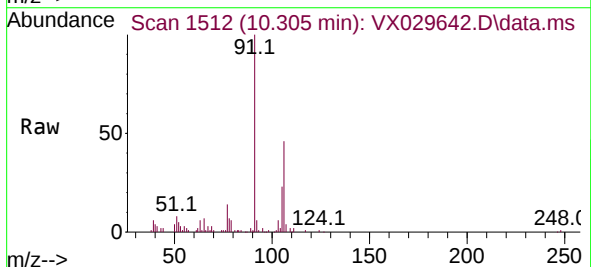
Acq: 21 Jun 2022 05:45

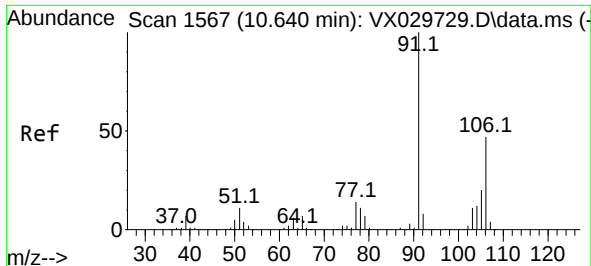
Tgt Ion: 106 Resp: 9067

Ion Ratio Lower Upper

106 100

91 211.3 160.4 240.6

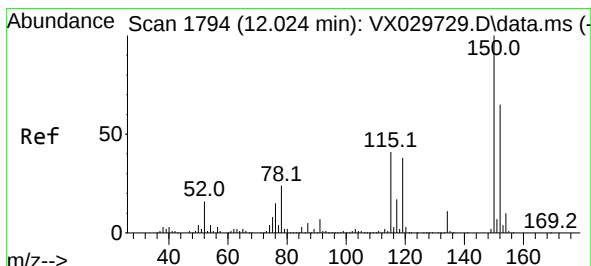
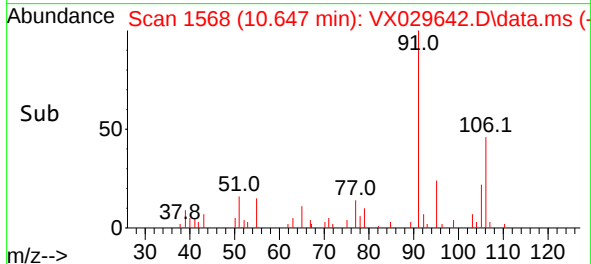
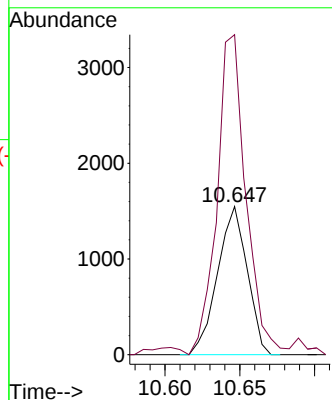
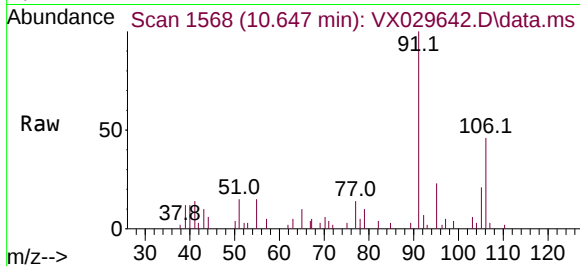




#69
o-Xylene
Concen: 0.405 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

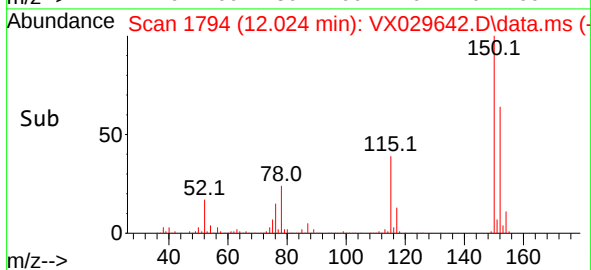
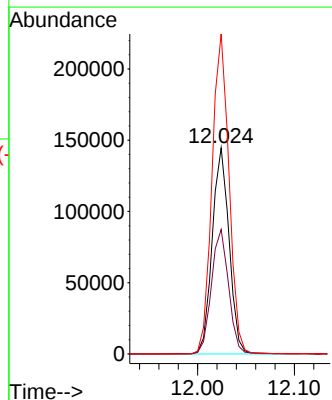
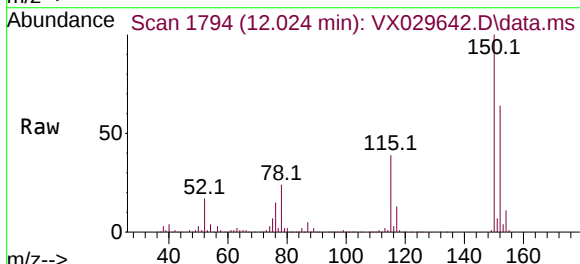
Instrument :
MSVOA_X
ClientSampleId :
MW-50

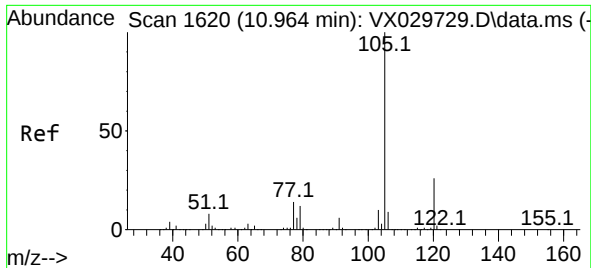
Tgt Ion:106 Resp: 2137
Ion Ratio Lower Upper
106 100
91 210.7 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

Tgt Ion:152 Resp: 175216
Ion Ratio Lower Upper
152 100
115 62.1 37.5 112.7
150 156.9 0.0 338.2

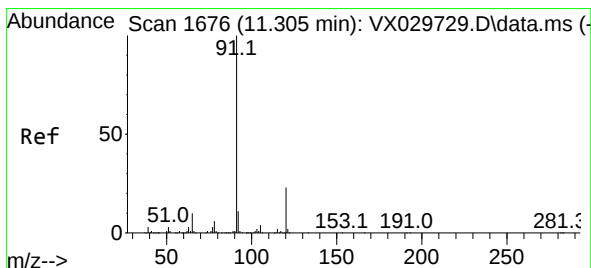
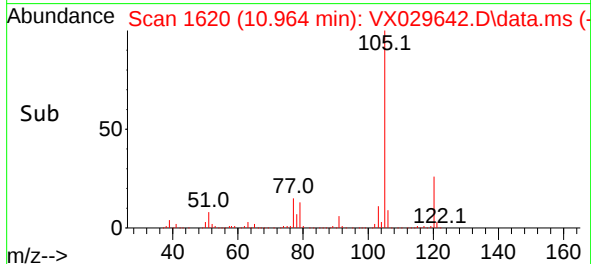
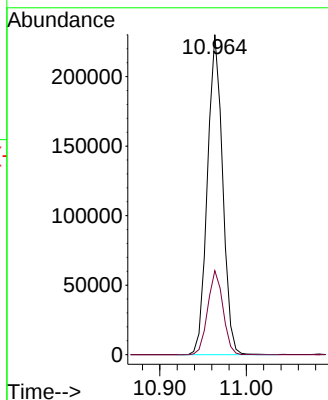
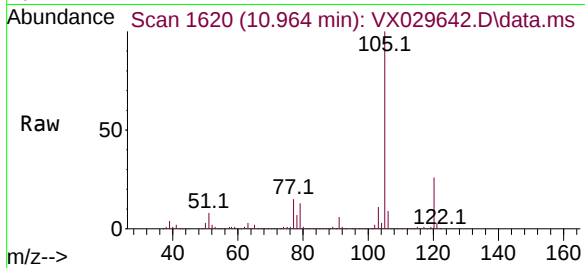




#73
Isopropylbenzene
Concen: 21.334 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

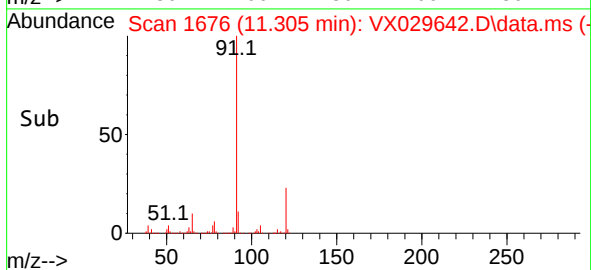
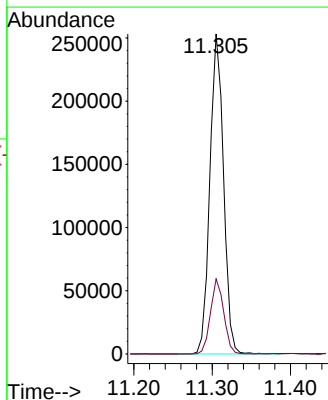
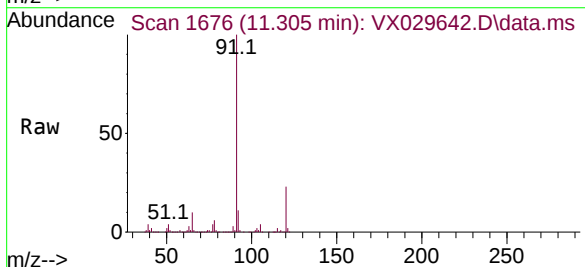
Instrument :
MSVOA_X
ClientSampleId :
MW-50

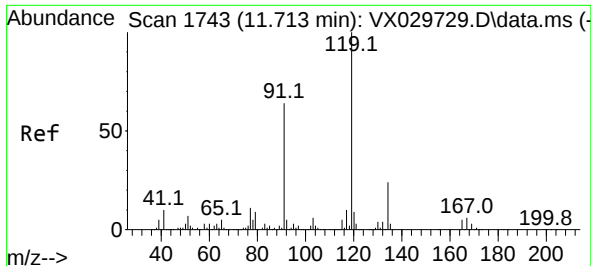
Tgt Ion:105 Resp: 280280
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5



#78
n-propylbenzene
Concen: 20.632 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

Tgt Ion: 91 Resp: 305286
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8

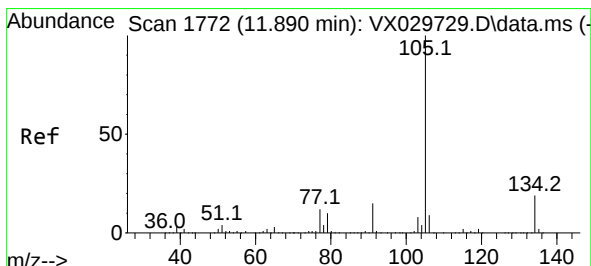
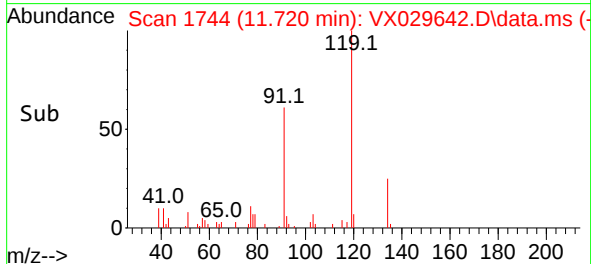
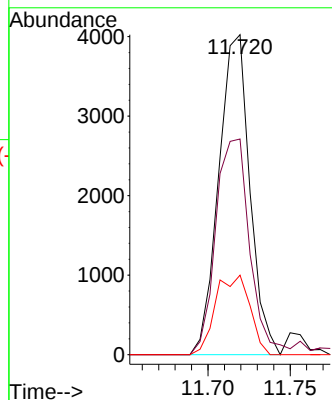
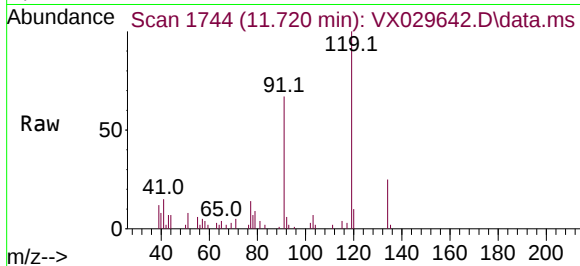




#83
tert-Butylbenzene
Concen: 0.491 ug/l
RT: 11.720 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

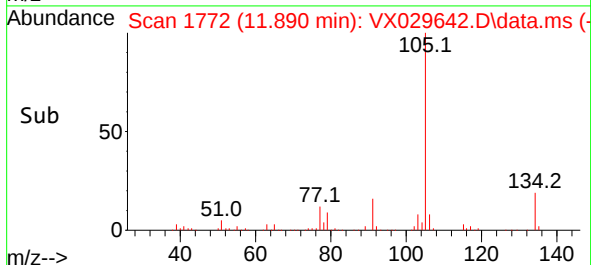
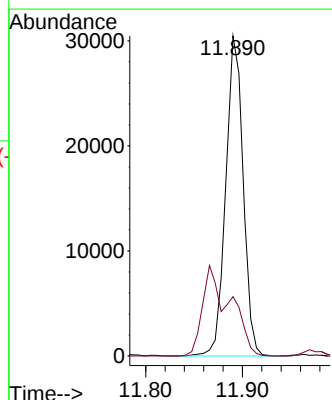
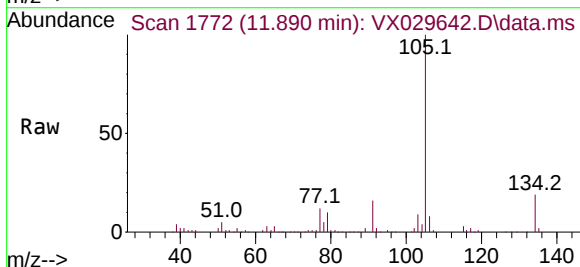
Instrument :
MSVOA_X
ClientSampleId :
MW-50

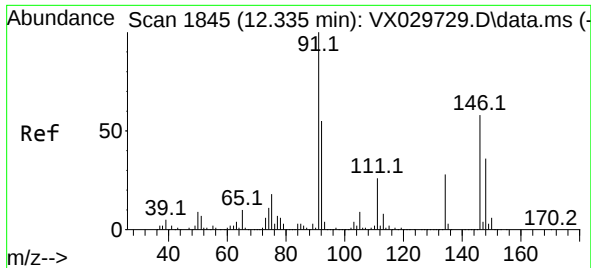
Tgt Ion:119 Resp: 5296
Ion Ratio Lower Upper
119 100
91 73.7 26.9 80.6
134 27.3 11.4 34.2



#85
sec-Butylbenzene
Concen: 2.841 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029642.D
Acq: 21 Jun 2022 05:45

Tgt Ion:105 Resp: 37983
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#89

n-Butylbenzene

Concen: 2.078 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029642.D

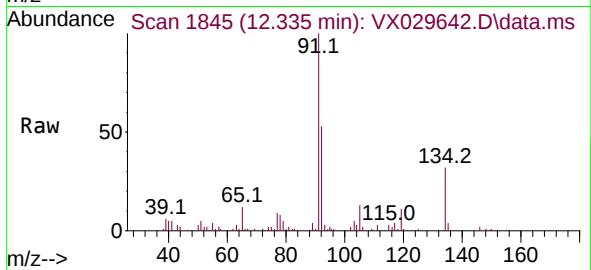
Acq: 21 Jun 2022 05:45

Instrument :

MSVOA_X

ClientSampleId :

MW-50



Tgt Ion: 91	Resp:	19629
Ion	Ratio	Lower Upper
91	100	
92	33.1	27.8 83.3
134	76.5	13.3 39.8#

