

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029704.D
 Acq On : 22 Jun 2022 17:10
 Operator : JC/MD
 Sample : N3293-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30986

Quant Time: Jun 22 17:34:53 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)

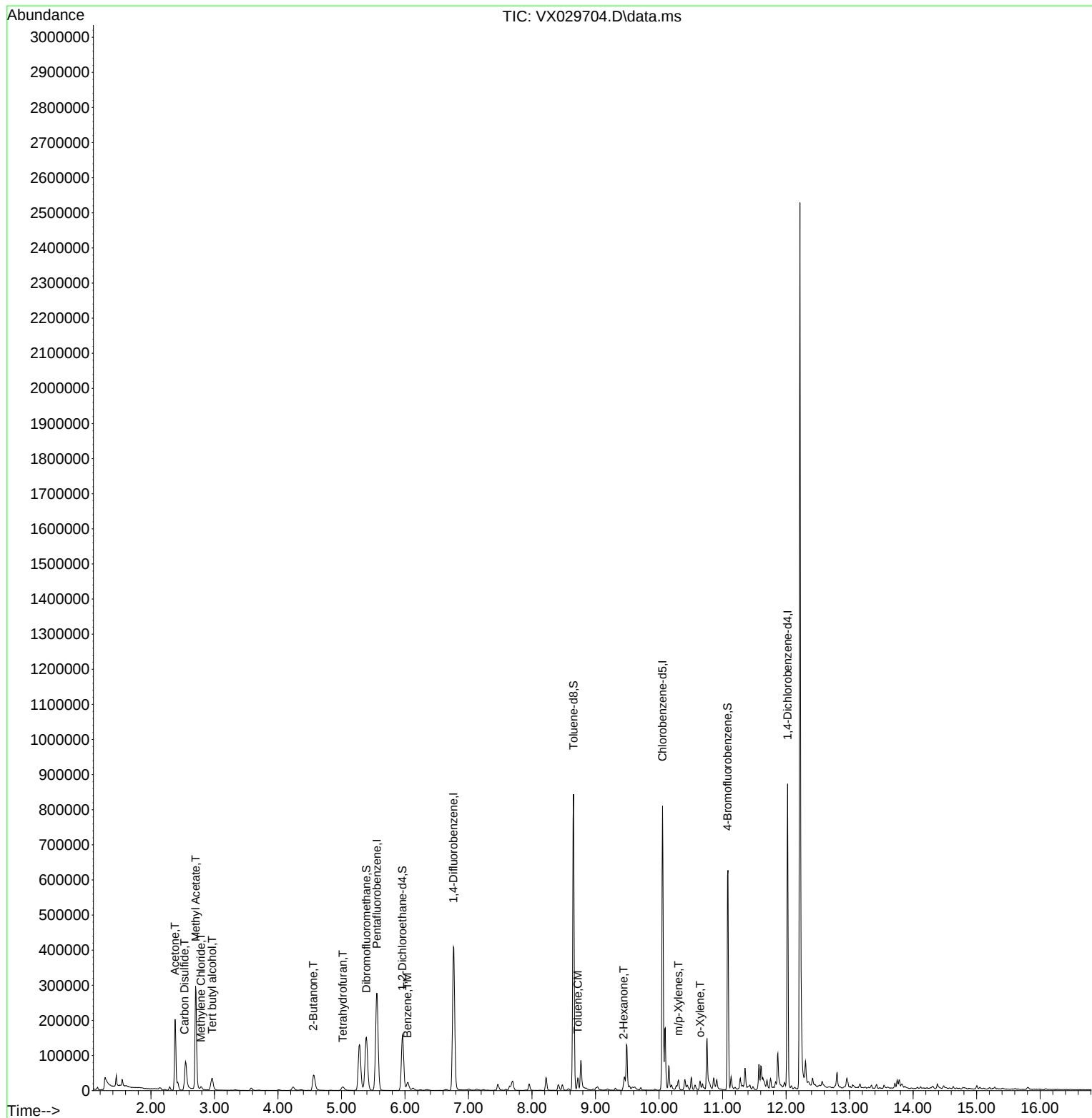
Internal Standards						
1) Pentafluorobenzene	5.555	168	267190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149733	42.335	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.660%		
35) Dibromofluoromethane	5.391	113	133138	45.328	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.660%		
50) Toluene-d8	8.652	98	507915	47.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.680%		
62) 4-Bromofluorobenzene	11.079	95	183906	45.449	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.900%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.964	59	40369	44.780	ug/l	97
16) Acetone	2.379	43	206629	146.570	ug/l	100
17) Carbon Disulfide	2.526	76	39880	5.683	ug/l	97
18) Methyl Acetate	2.702	43	334091	89.633	ug/l	97
20) Methylene Chloride	2.788	84	3564	1.135	ug/l	97
25) 2-Butanone	4.556	43	73186	32.843	ug/l	96
29) Tetrahydrofuran	5.019	42	5210	3.508	ug/l	87
40) Benzene	6.037	78	29212	2.479	ug/l	95
52) Toluene	8.720	92	12928	1.713	ug/l	100
59) 2-Hexanone	9.439	43	4184	1.353	ug/l	93
68) m/p-Xylenes	10.305	106	5825	1.089	ug/l	98
69) o-Xylene	10.646	106	5421	1.026	ug/l	92

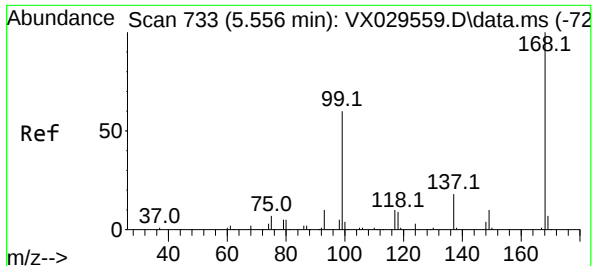
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

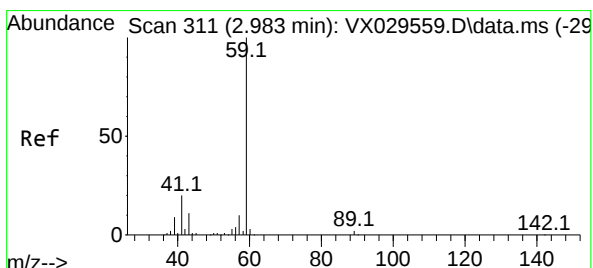
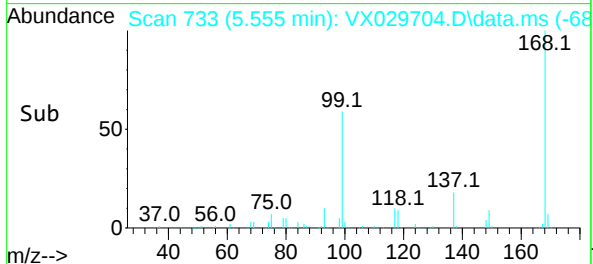
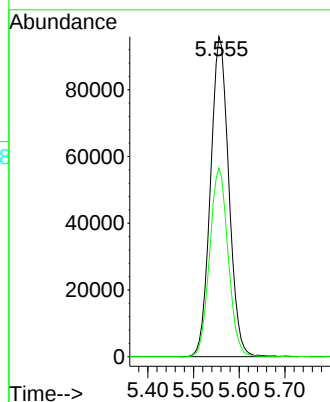
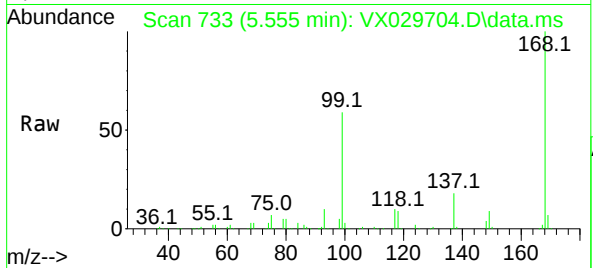




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

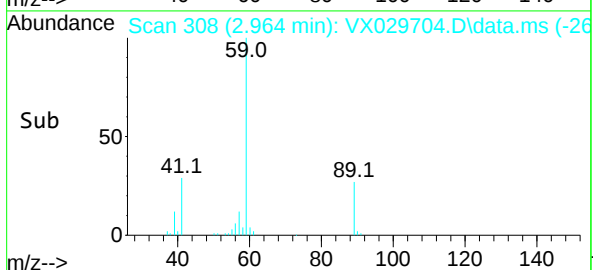
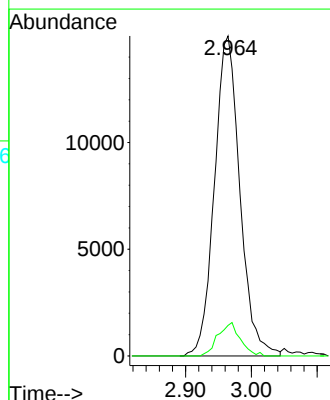
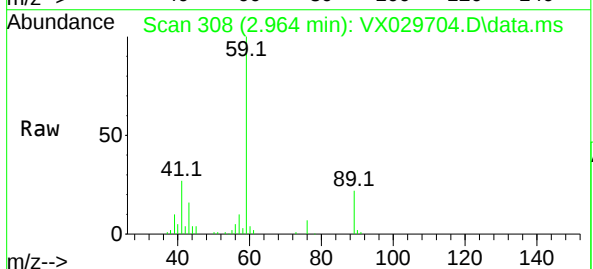
Instrument :
MSVOA_X
ClientSampleId :
30986

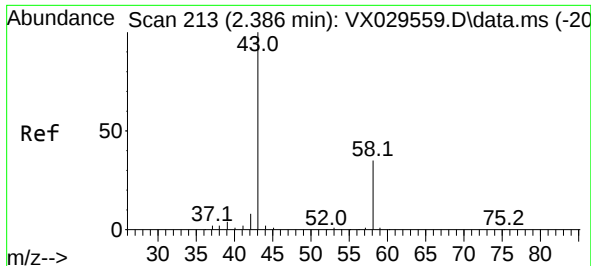
Tgt Ion:168 Resp: 267190
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#11
Tert butyl alcohol
Concen: 44.780 ug/l
RT: 2.964 min Scan# 308
Delta R.T. -0.019 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

Tgt Ion: 59 Resp: 40369
Ion Ratio Lower Upper
59 100
57 9.1 8.3 12.5

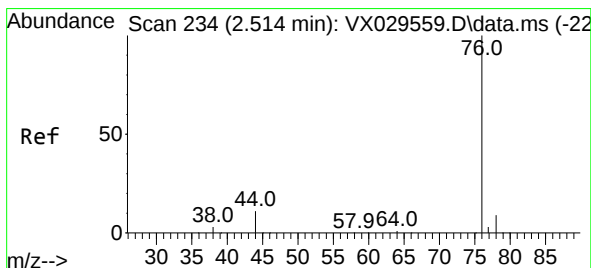
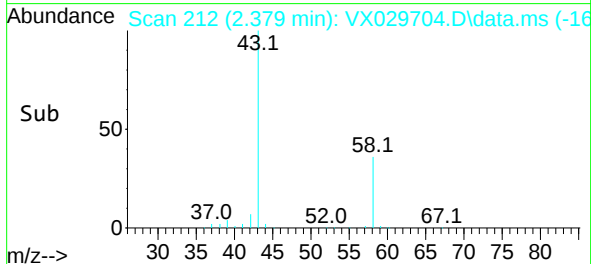
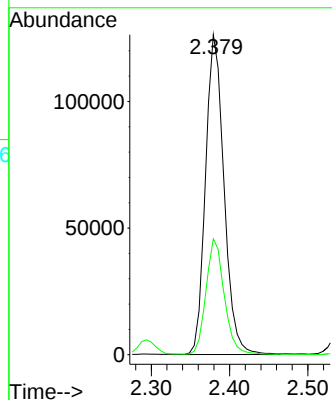
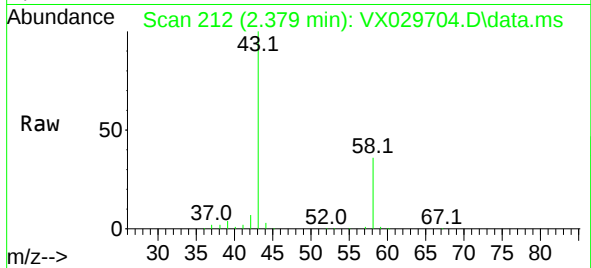




#16
Acetone
Concen: 146.570 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

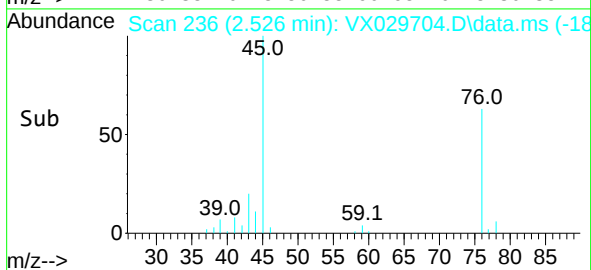
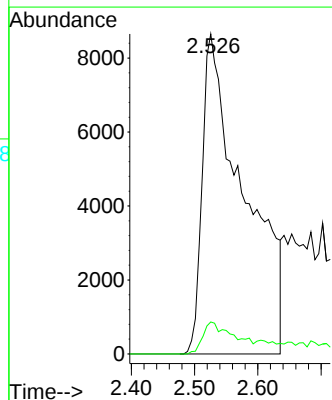
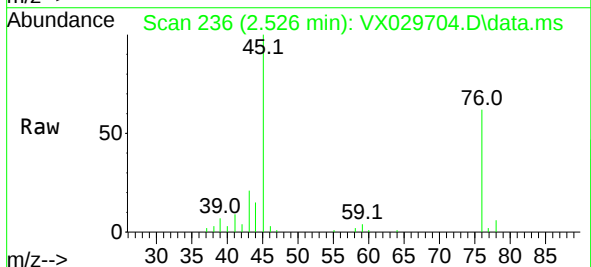
Instrument :
MSVOA_X
ClientSampleId :
30986

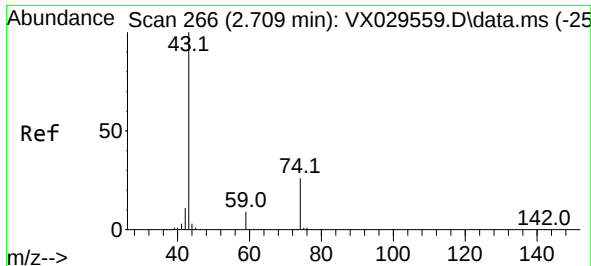
Tgt Ion: 43 Resp: 206629
Ion Ratio Lower Upper
43 100
58 36.1 28.8 43.2



#17
Carbon Disulfide
Concen: 5.683 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.012 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

Tgt Ion: 76 Resp: 39880
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8

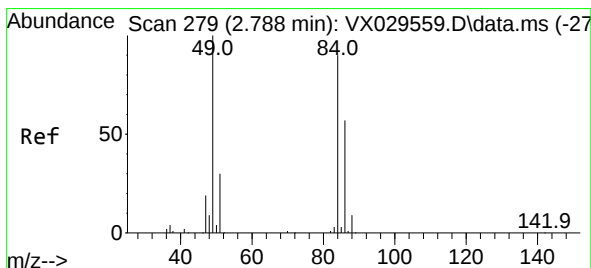
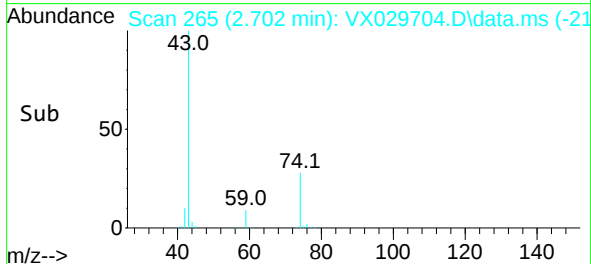
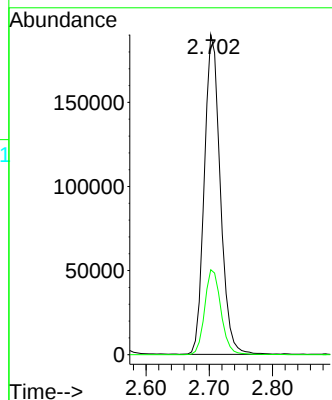
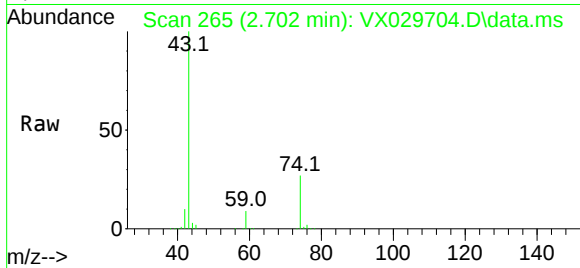




#18
Methyl Acetate
Concen: 89.633 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.007 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

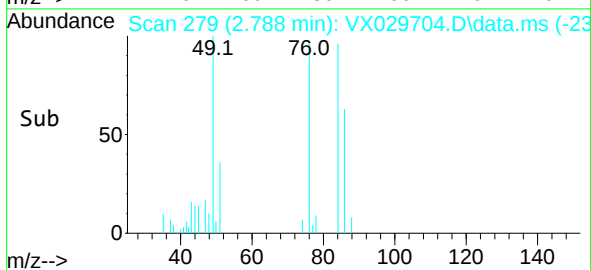
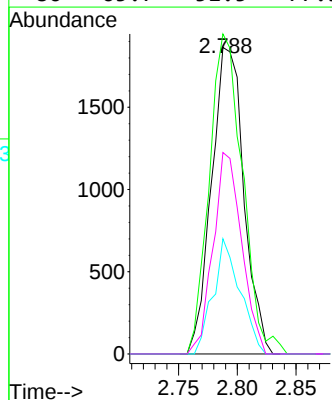
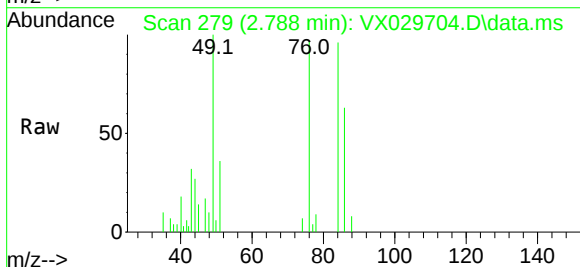
Instrument :
MSVOA_X
ClientSampleId :
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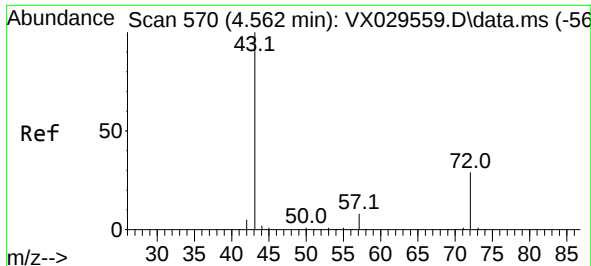
Tgt Ion: 43 Resp: 334091
Ion Ratio Lower Upper
43 100
74 27.1 22.8 34.2



#20
Methylene Chloride
Concen: 1.135 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

Tgt Ion: 84 Resp: 3564
Ion Ratio Lower Upper
84 100
49 104.4 85.5 128.3
51 37.6 26.6 39.8
86 65.7 51.5 77.3

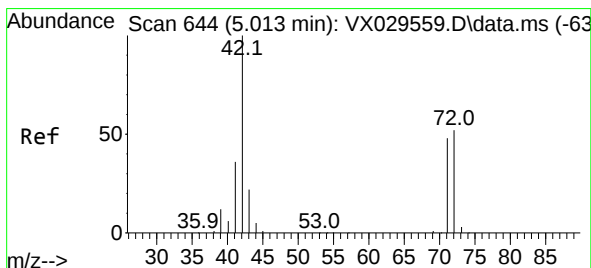
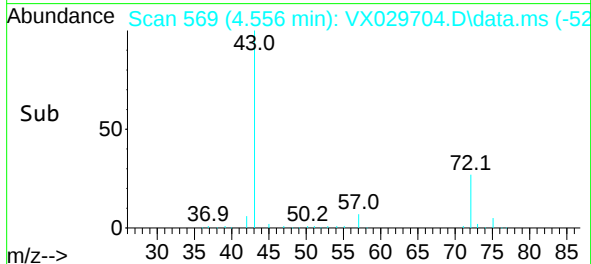
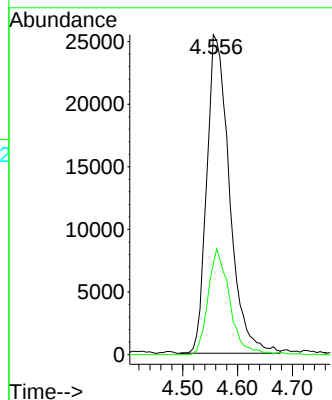
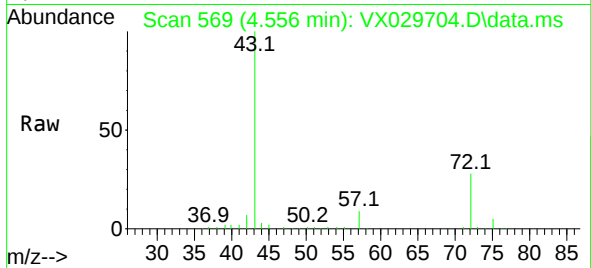




#25
2-Butanone
Concen: 32.843 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

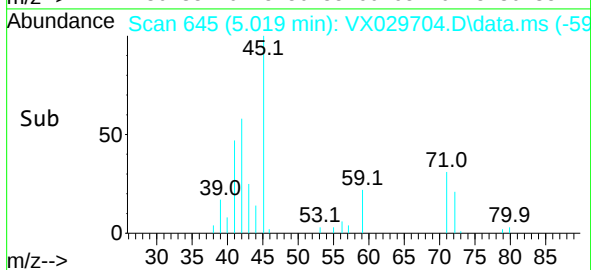
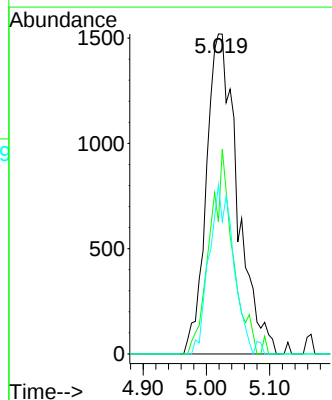
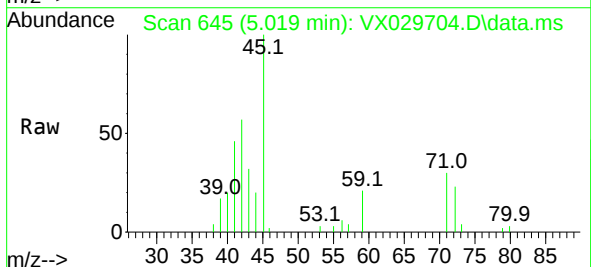
Instrument :
MSVOA_X
ClientSampleId :
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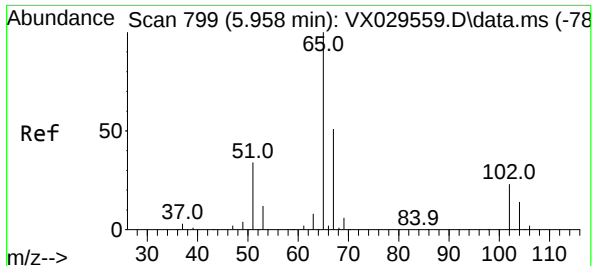
Tgt Ion: 43 Resp: 73186
Ion Ratio Lower Upper
43 100
72 28.5 24.4 36.6



#29
Tetrahydrofuran
Concen: 3.508 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

Tgt Ion: 42 Resp: 5210
Ion Ratio Lower Upper
42 100
72 46.8 44.1 66.1
71 40.8 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 42.335 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029704.D

Acq: 22 Jun 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

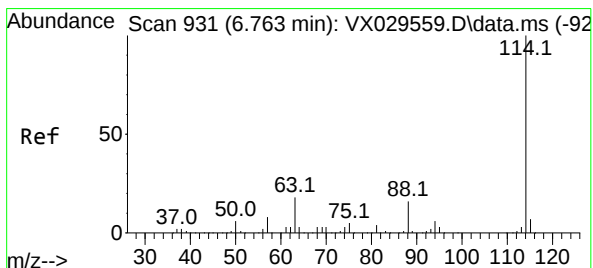
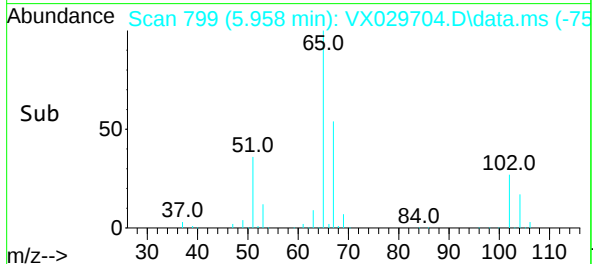
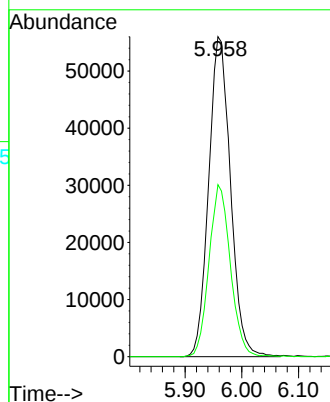
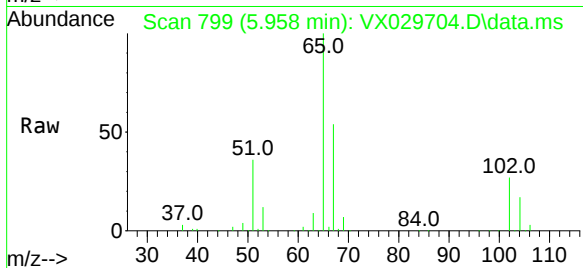
30986

Tgt Ion: 65 Resp: 149733

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029704.D

Acq: 22 Jun 2022 17:10

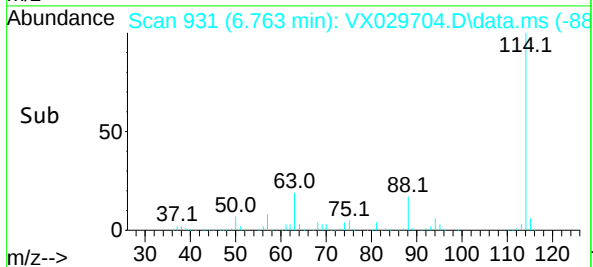
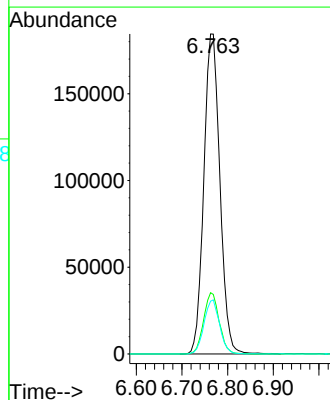
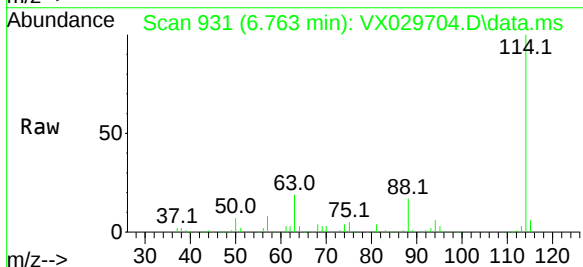
Tgt Ion: 114 Resp: 450706

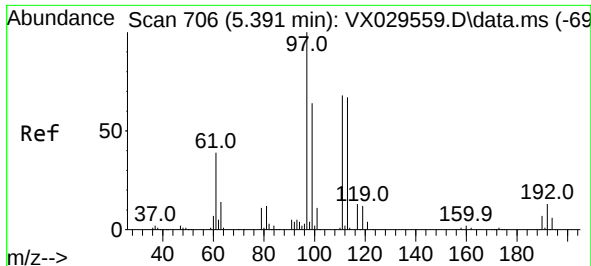
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.328 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029704.D

Acq: 22 Jun 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

30986

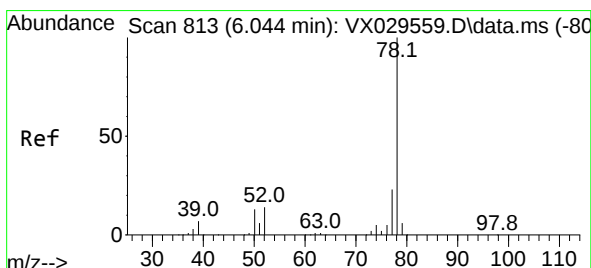
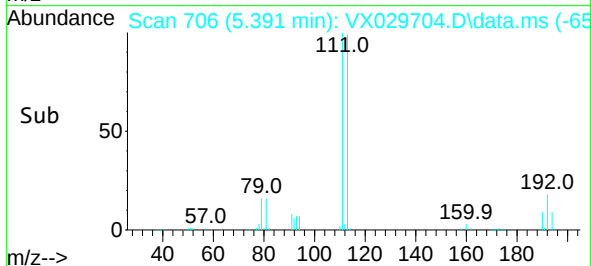
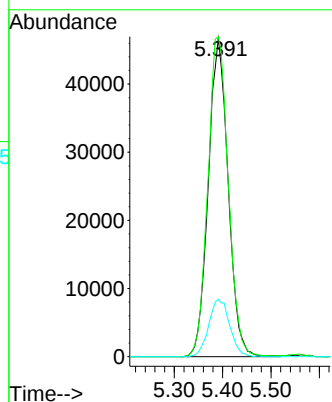
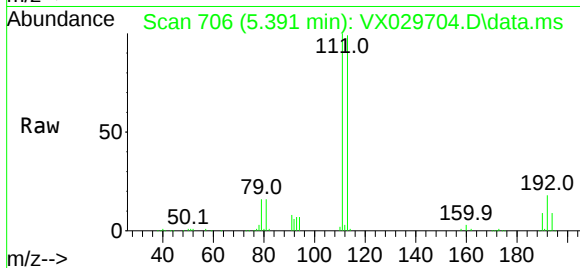
Tgt Ion:113 Resp: 133138

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

192 19.0 16.9 25.3



#40

Benzene

Concen: 2.479 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX029704.D

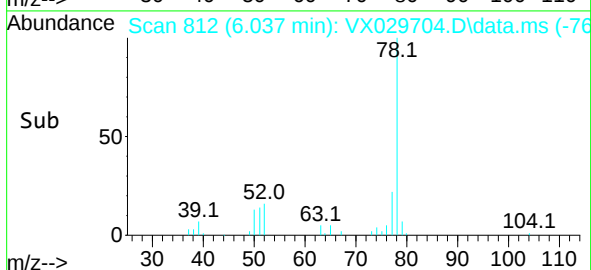
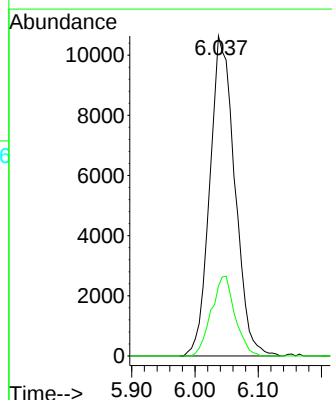
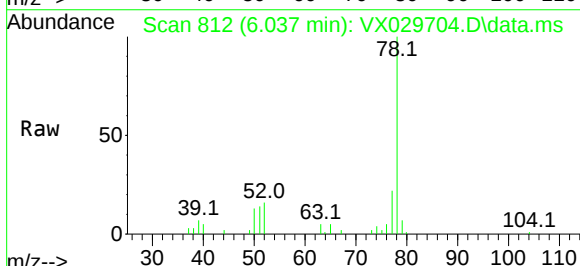
Acq: 22 Jun 2022 17:10

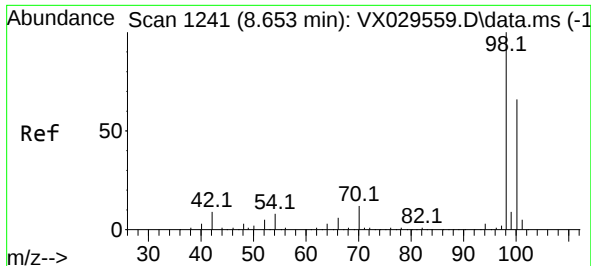
Tgt Ion: 78 Resp: 29212

Ion Ratio Lower Upper

78 100

77 21.8 19.3 28.9

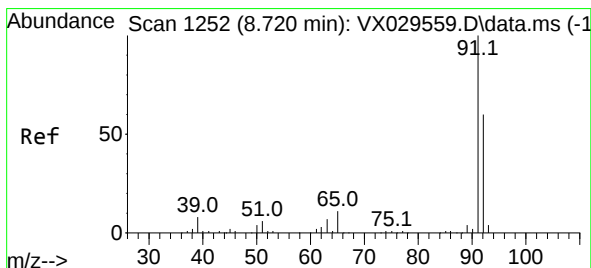
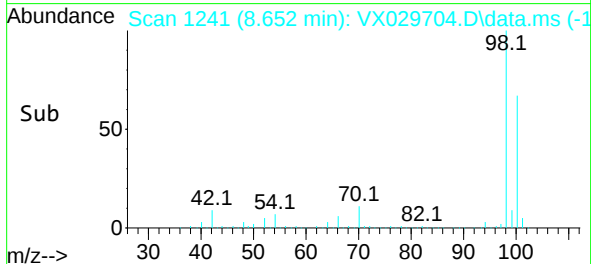
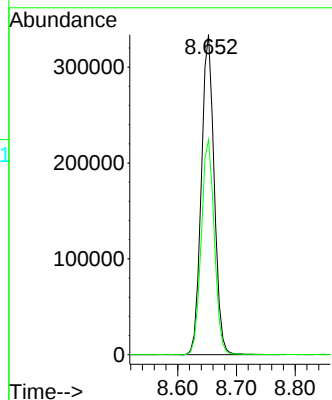
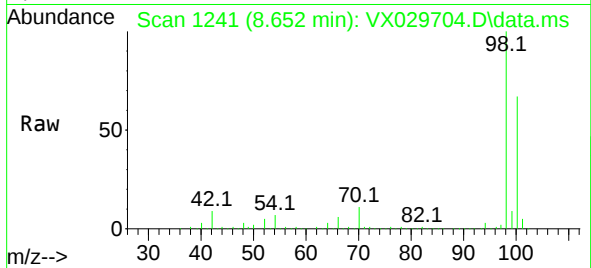




#50
Toluene-d8
Concen: 47.335 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

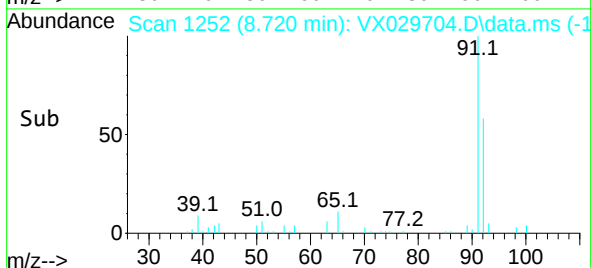
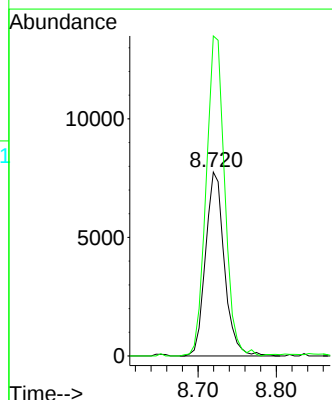
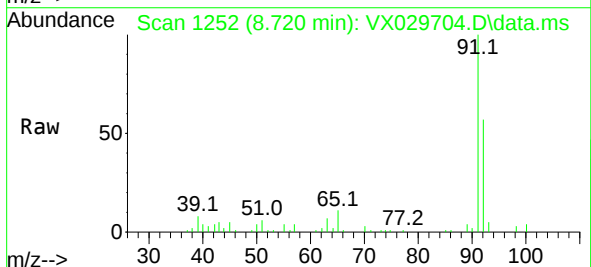
Instrument :
MSVOA_X
ClientSampleId :
30986

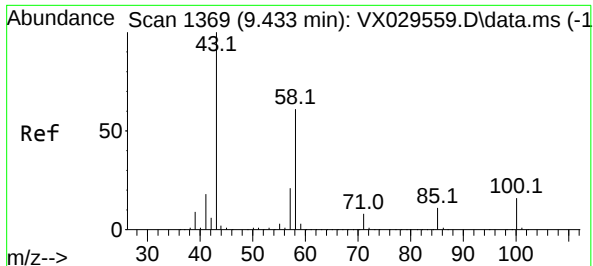
Tgt Ion: 98 Resp: 507915
Ion Ratio Lower Upper
98 100
100 68.4 52.6 78.8



#52
Toluene
Concen: 1.713 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

Tgt Ion: 92 Resp: 12928
Ion Ratio Lower Upper
92 100
91 171.5 137.5 206.3





#59

2-Hexanone

Concen: 1.353 ug/l

RT: 9.439 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029704.D

Acq: 22 Jun 2022 17:10

Instrument :

MSVOA_X

ClientSampleId :

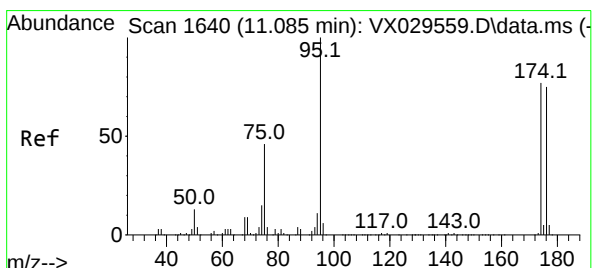
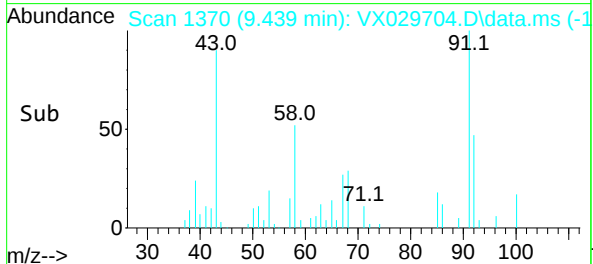
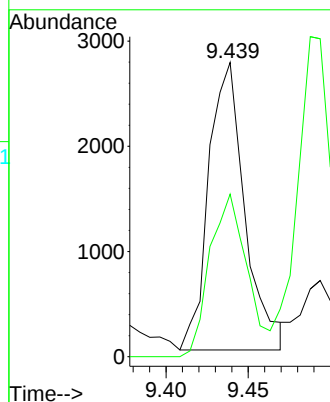
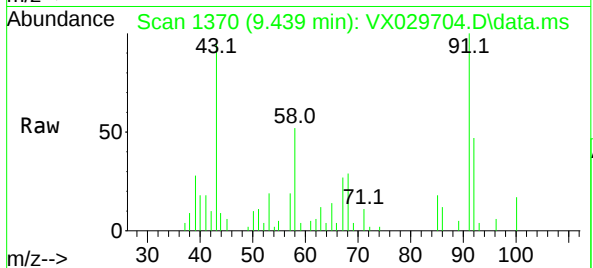
30986

Tgt Ion: 43 Resp: 4184

Ion Ratio Lower Upper

43 100

58 58.5 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 45.449 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029704.D

Acq: 22 Jun 2022 17:10

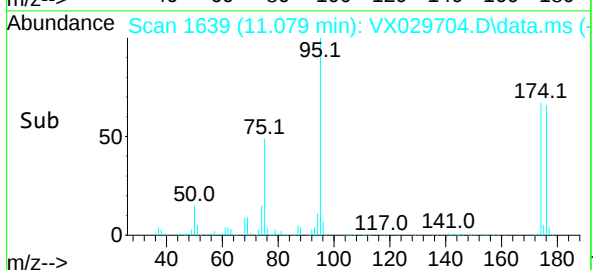
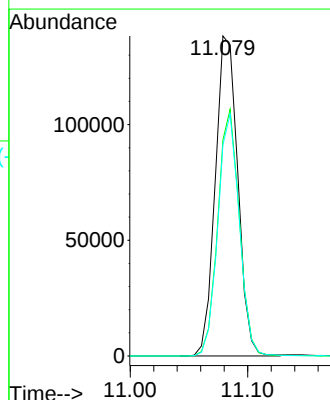
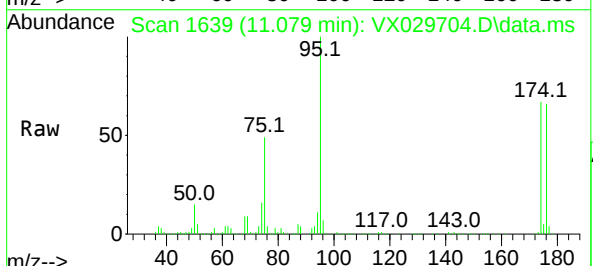
Tgt Ion: 95 Resp: 183906

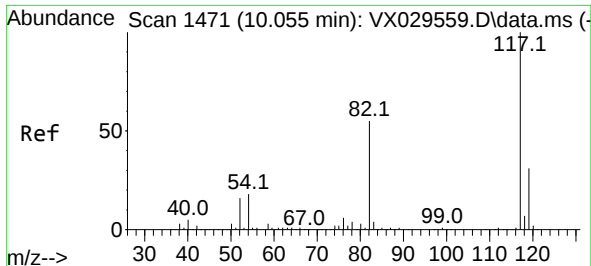
Ion Ratio Lower Upper

95 100

174 73.7 0.0 163.0

176 72.2 0.0 155.0

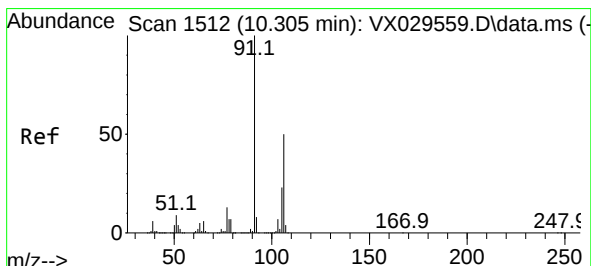
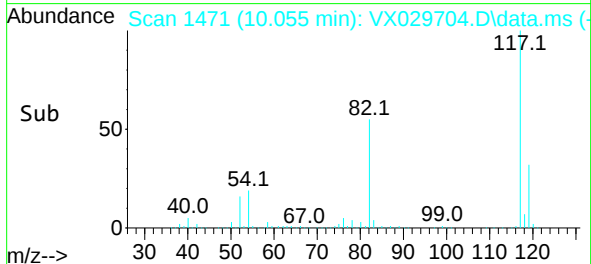
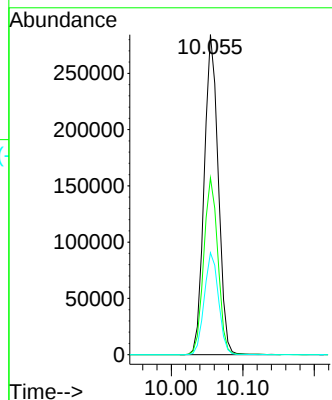
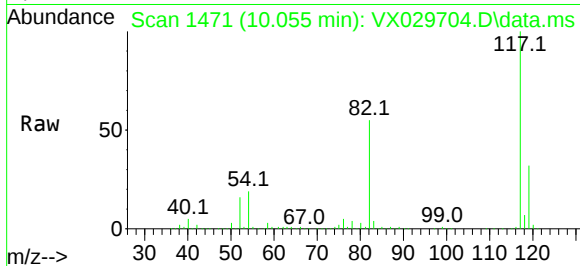




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

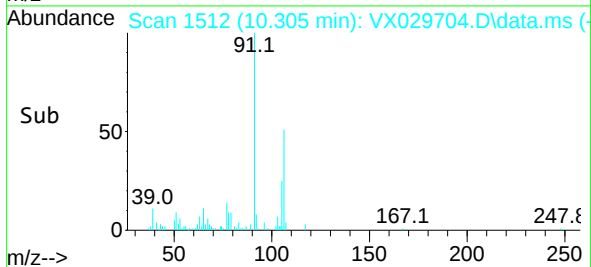
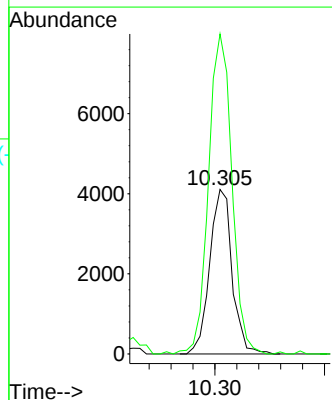
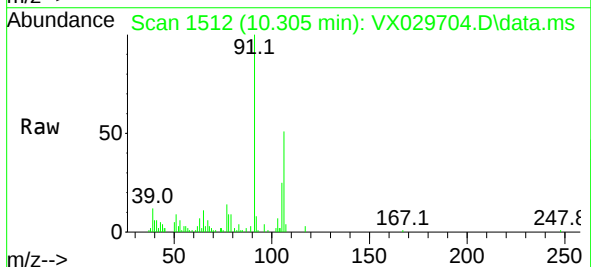
Instrument :
MSVOA_X
ClientSampleId :
30986

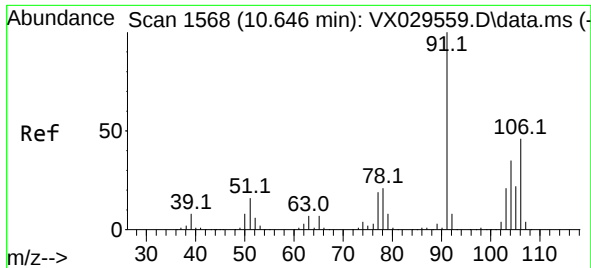
Tgt Ion:117 Resp: 388662
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 31.9 24.8 37.2



#68
m/p-Xylenes
Concen: 1.089 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

Tgt Ion:106 Resp: 5825
Ion Ratio Lower Upper
106 100
91 203.4 160.4 240.6

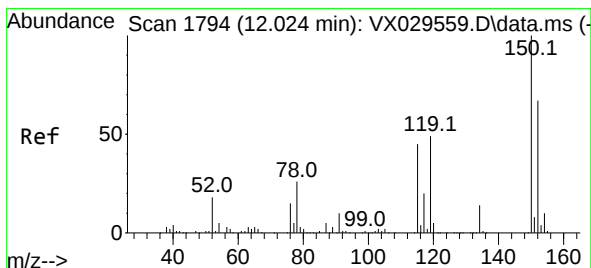
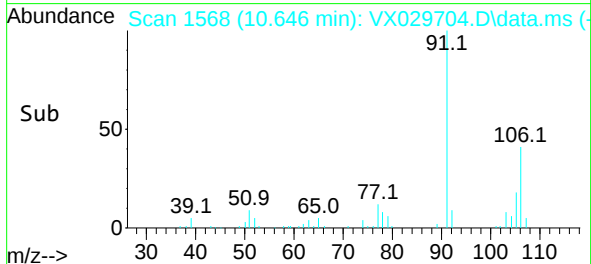
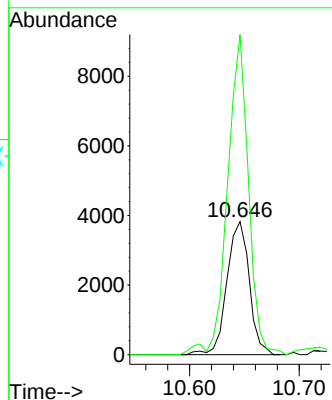
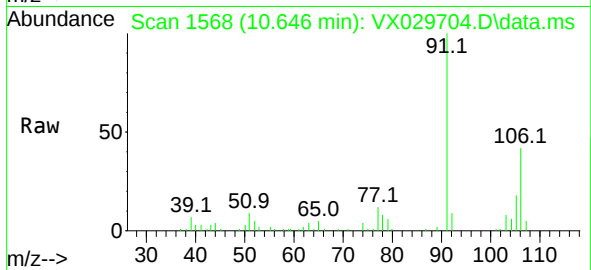




#69
o-Xylene
Concen: 1.026 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

Instrument :
MSVOA_X
ClientSampleId :
30986

Tgt Ion:106 Resp: 5421
Ion Ratio Lower Upper
106 100
91 225.1 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029704.D
Acq: 22 Jun 2022 17:10

Tgt Ion:152 Resp: 176789
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 160.8 0.0 338.2

