

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
 Data File : VX025369.D
 Acq On : 29 Nov 2021 15:01
 Operator : JC/MD
 Sample : M4837-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20935

Quant Time: Nov 30 04:02:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

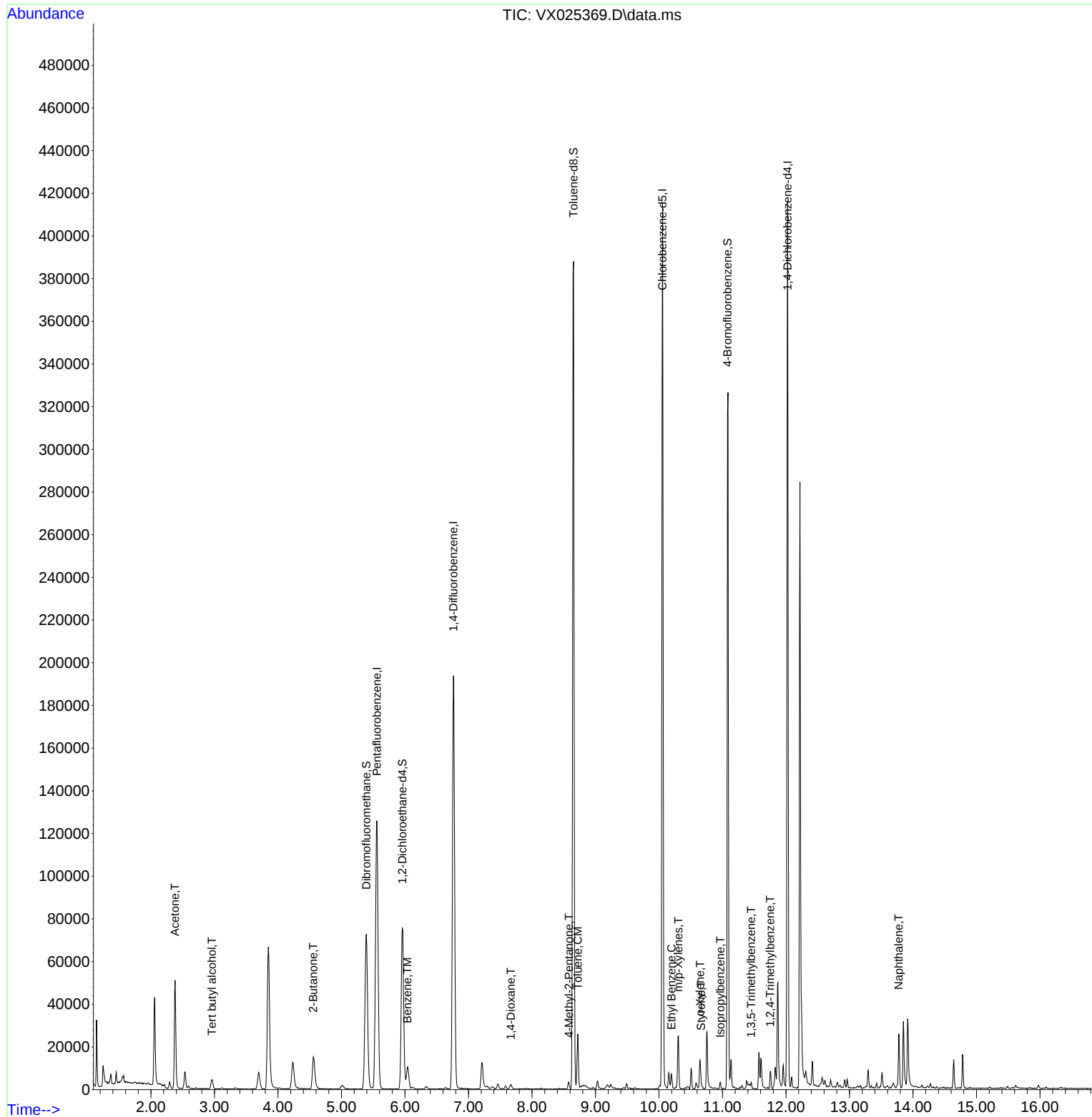
Internal Standards						
1) Pentafluorobenzene	5.556	168	129541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70455	51.598	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.200%			
35) Dibromofluoromethane	5.391	113	63313	49.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.400%			
50) Toluene-d8	8.653	98	239151	49.426	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.079	95	86160	47.070	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.140%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	5344	7.136	ug/l	95
16) Acetone	2.380	43	52079	68.640	ug/l	99
25) 2-Butanone	4.556	43	27179	24.777	ug/l	97
40) Benzene	6.038	78	12391	2.235	ug/l	98
49) 1,4-Dioxane	7.665	88	1476	42.982	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	2087	0.961	ug/l	100
52) Toluene	8.720	92	8998	2.486	ug/l	99
67) Ethyl Benzene	10.195	91	3988	0.602	ug/l	92
68) m/p-Xylenes	10.305	106	6220	2.299	ug/l	97
69) o-Xylene	10.647	106	2796	1.056	ug/l	90
70) Styrene	10.659	104	1715	0.392	ug/l #	84
73) Isopropylbenzene	10.964	105	1750	0.275	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	1450	0.271	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	3837	0.726	ug/l	100
95) Naphthalene	13.774	128	16131	2.322	ug/l	99

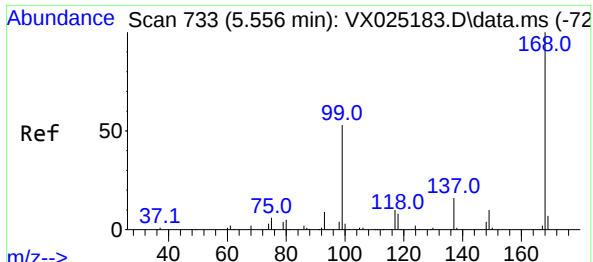
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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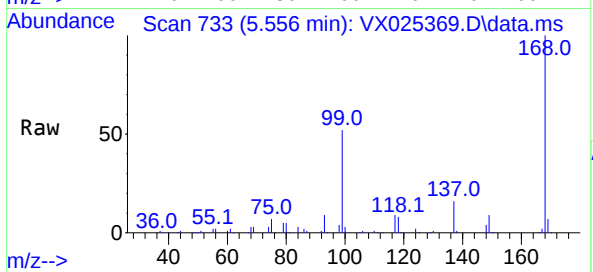
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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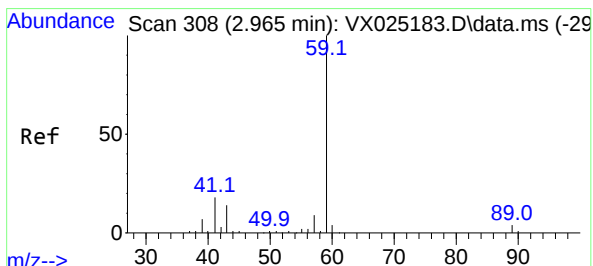
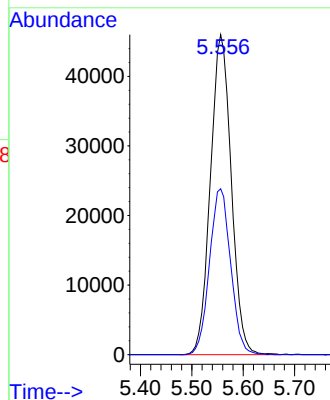
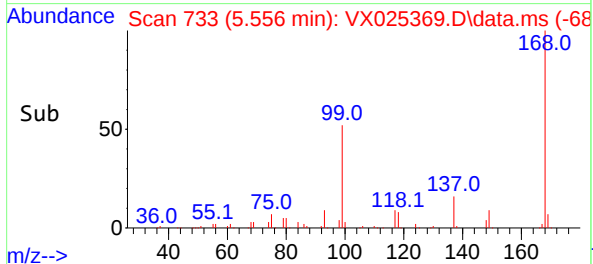


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

Instrument :
MSVOA_X
ClientSampleId :
20935

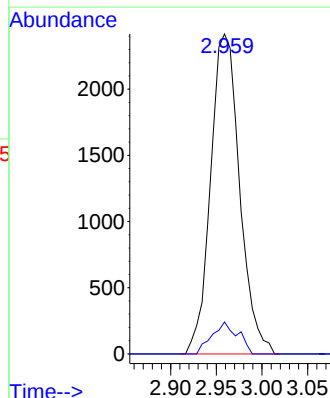
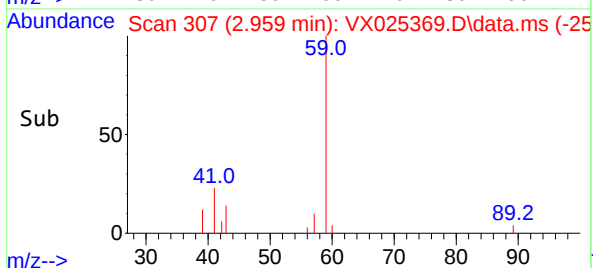
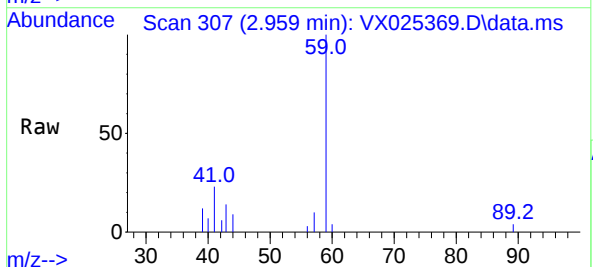


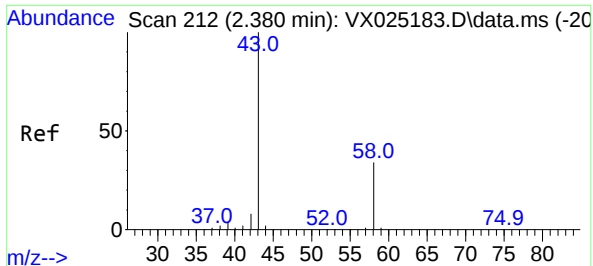
Tgt Ion:168 Resp: 129541
Ion Ratio Lower Upper
168 100
99 51.9 46.4 69.6



#11
Tert butyl alcohol
Concen: 7.136 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

Tgt Ion: 59 Resp: 5344
Ion Ratio Lower Upper
59 100
57 8.9 8.5 12.7

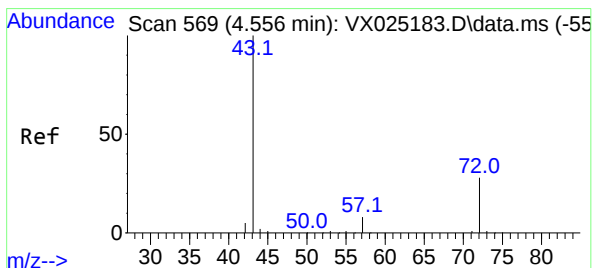
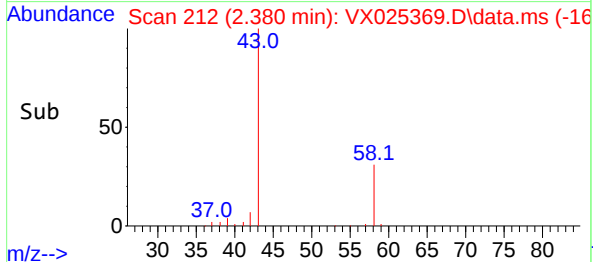
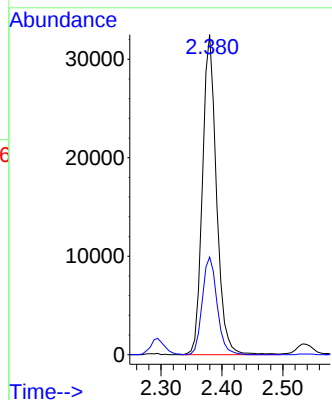
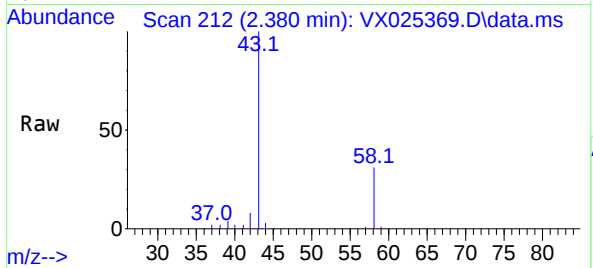




#16
Acetone
Concen: 68.640 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

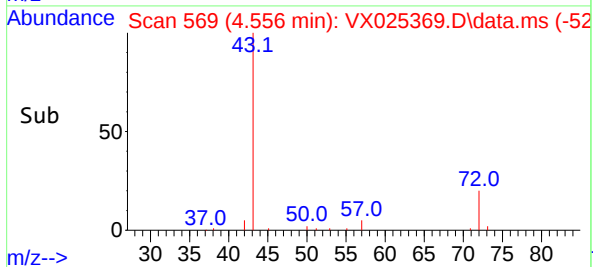
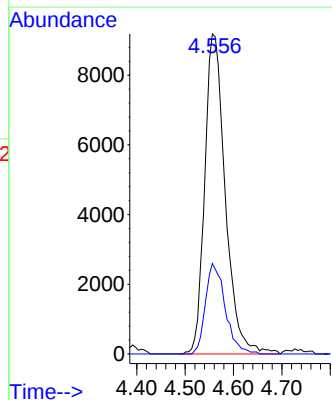
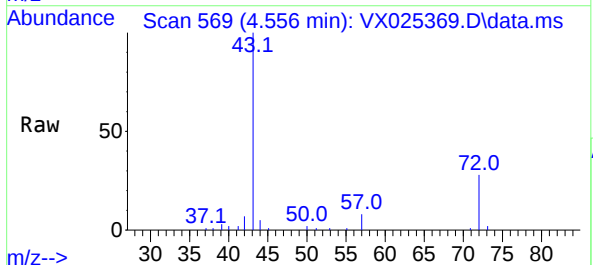
Instrument : MSVOA_X
ClientSampleId : 20935

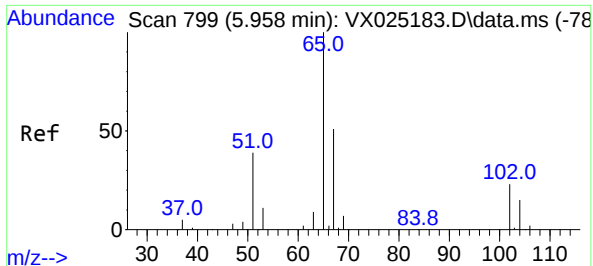
Tgt Ion: 43 Resp: 52079
Ion Ratio Lower Upper
43 100
58 30.5 24.0 36.0



#25
2-Butanone
Concen: 24.777 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

Tgt Ion: 43 Resp: 27179
Ion Ratio Lower Upper
43 100
72 28.3 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 51.598 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025369.D

Acq: 29 Nov 2021 15:01

Instrument :

MSVOA_X

ClientSampleId :

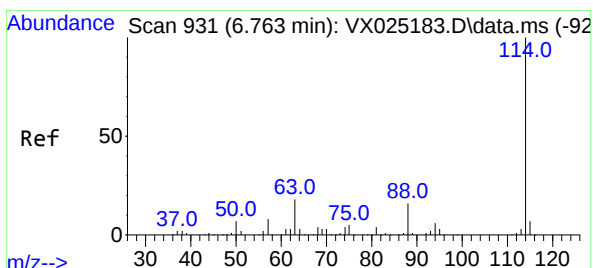
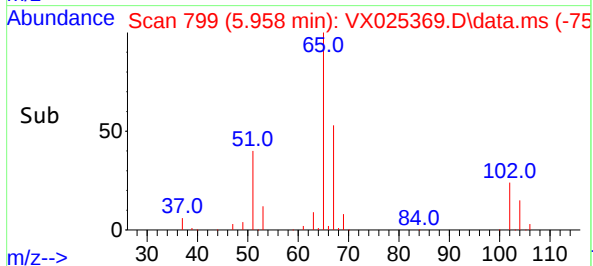
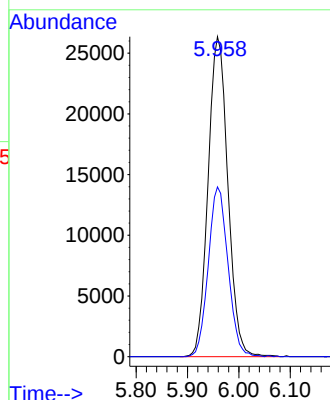
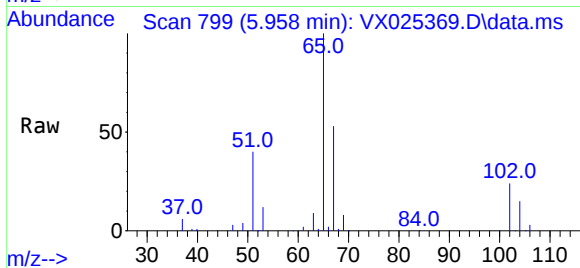
20935

Tgt Ion: 65 Resp: 70455

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025369.D

Acq: 29 Nov 2021 15:01

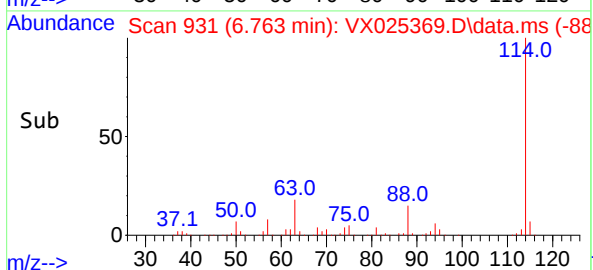
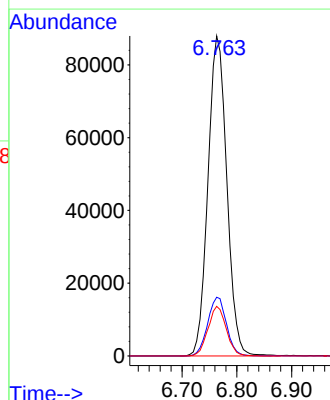
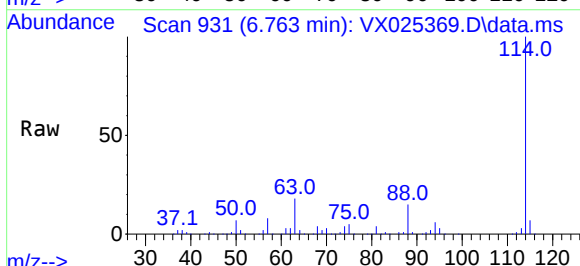
Tgt Ion: 114 Resp: 209739

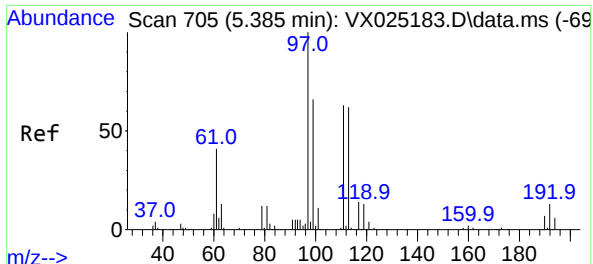
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.199 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025369.D

Acq: 29 Nov 2021 15:01

Instrument :

MSVOA_X

ClientSampleId :

20935

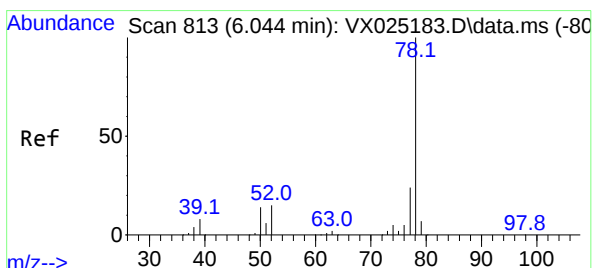
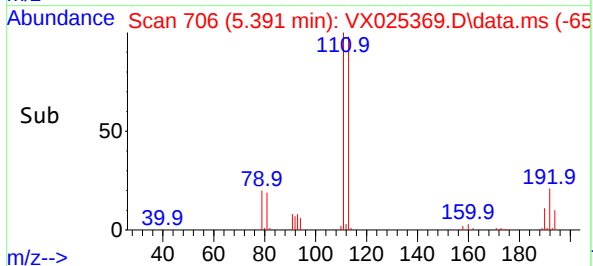
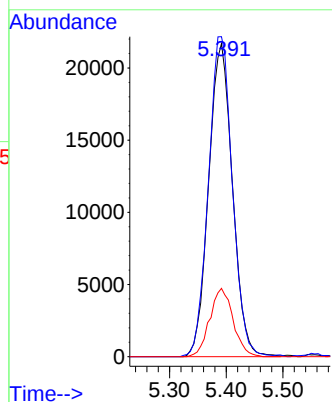
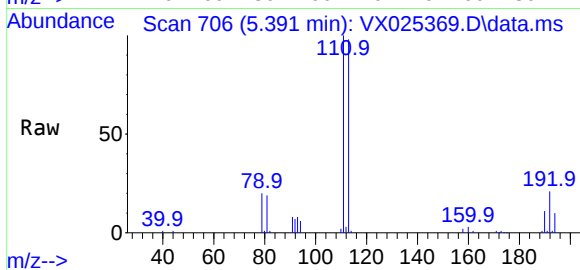
Tgt Ion:113 Resp: 63313

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

192 21.4 15.6 23.4



#40

Benzene

Concen: 2.235 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX025369.D

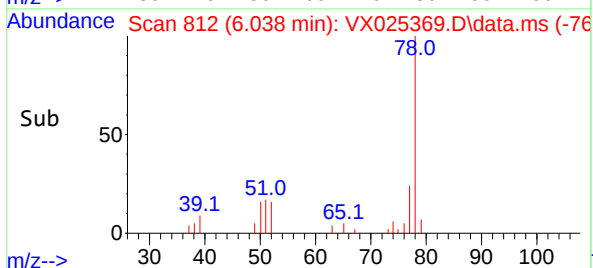
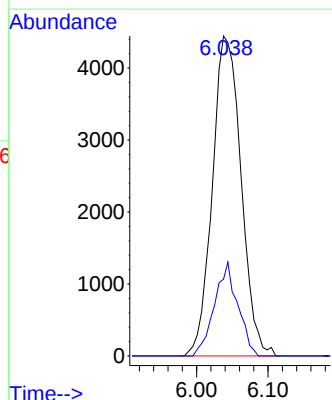
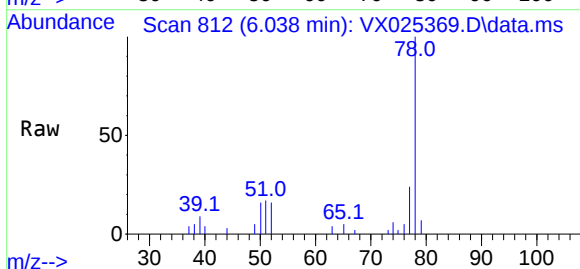
Acq: 29 Nov 2021 15:01

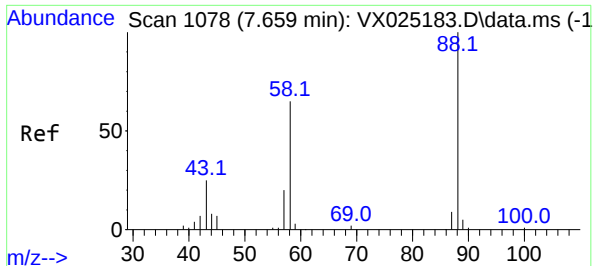
Tgt Ion: 78 Resp: 12391

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5





#49

1,4-Dioxane

Concen: 42.982 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX025369.D

Acq: 29 Nov 2021 15:01

Instrument :

MSVOA_X

ClientSampleId :

20935

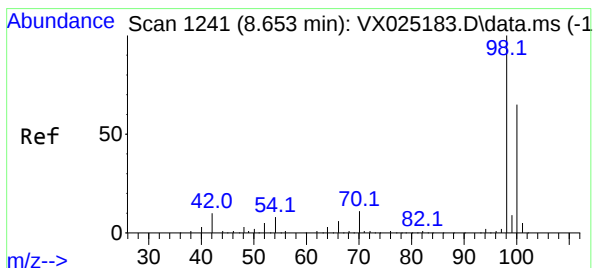
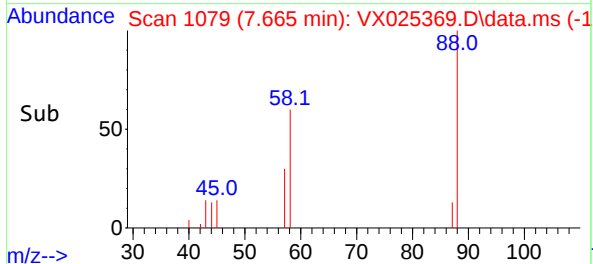
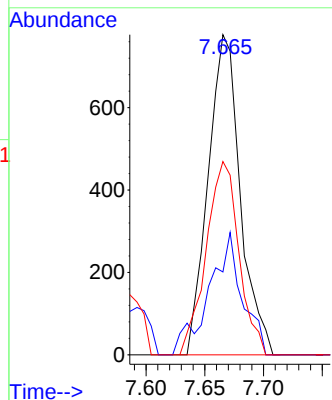
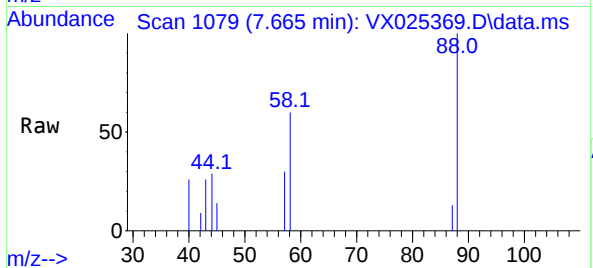
Tgt Ion: 88 Resp: 1476

Ion Ratio Lower Upper

88 100

43 39.4 27.0 40.6

58 61.8 55.2 82.8



#50

Toluene-d8

Concen: 49.426 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025369.D

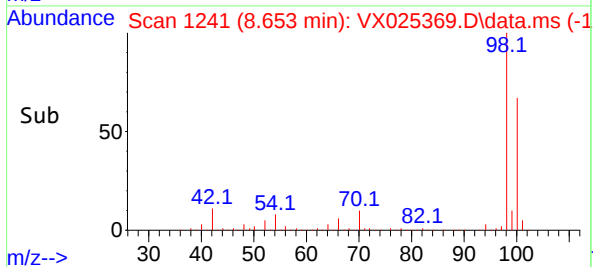
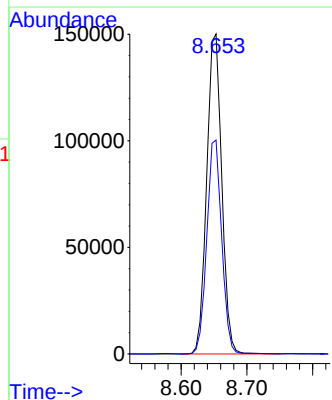
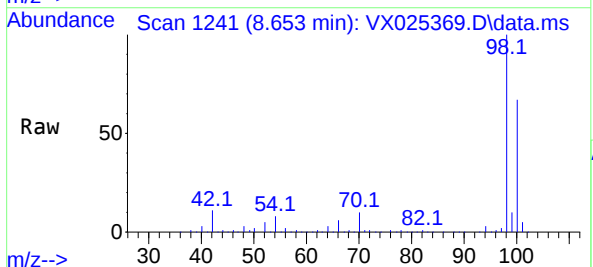
Acq: 29 Nov 2021 15:01

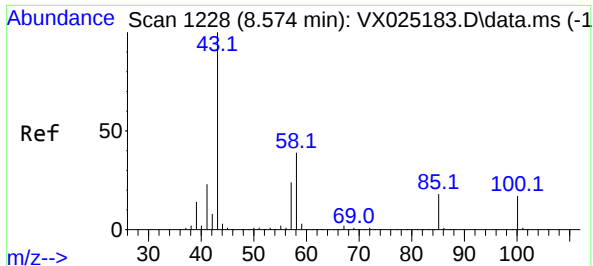
Tgt Ion: 98 Resp: 239151

Ion Ratio Lower Upper

98 100

100 66.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.961 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025369.D

Acq: 29 Nov 2021 15:01

Instrument :

MSVOA_X

ClientSampleId :

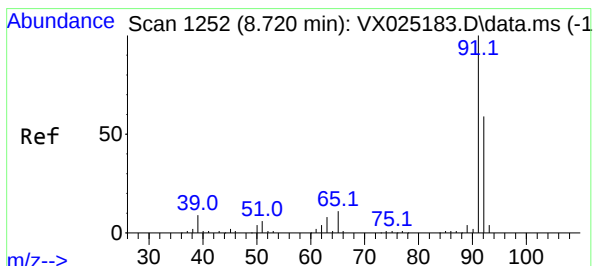
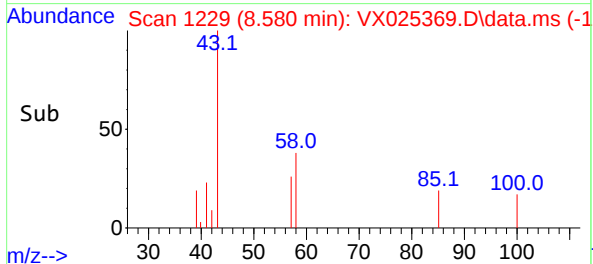
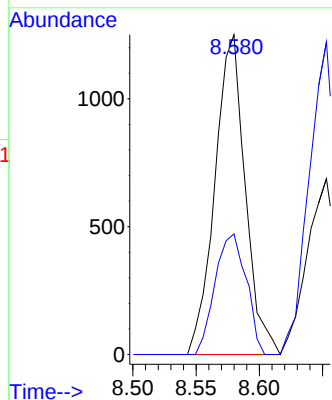
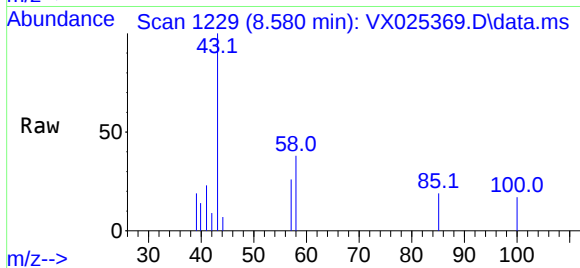
20935

Tgt Ion: 43 Resp: 2087

Ion Ratio Lower Upper

43 100

58 38.7 30.9 46.3



#52

Toluene

Concen: 2.486 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025369.D

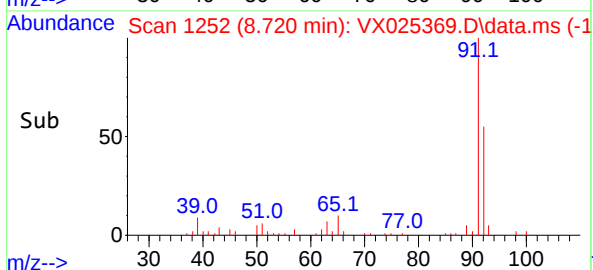
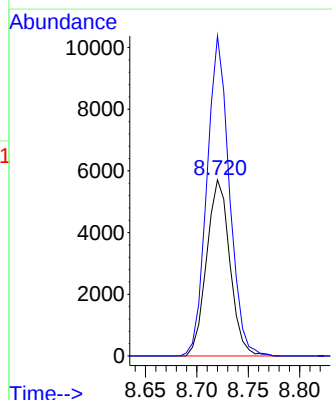
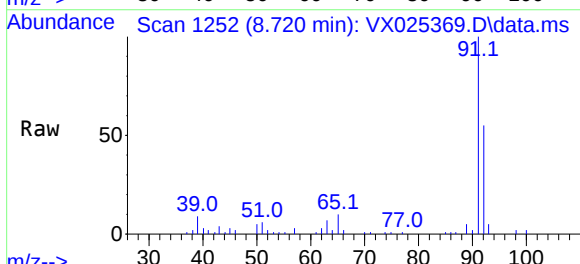
Acq: 29 Nov 2021 15:01

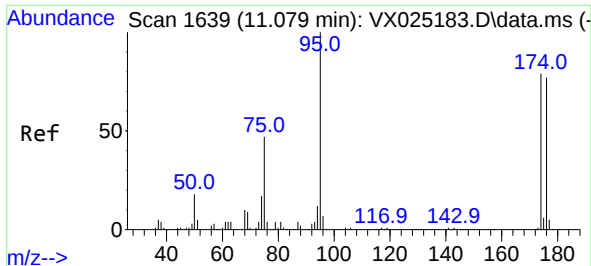
Tgt Ion: 92 Resp: 8998

Ion Ratio Lower Upper

92 100

91 174.7 138.6 208.0

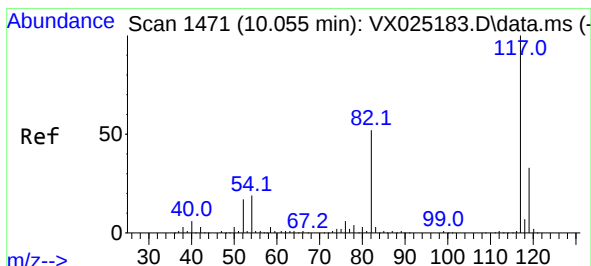
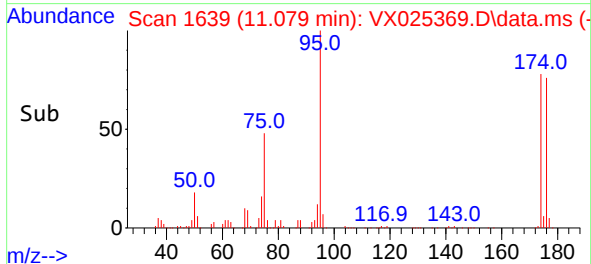
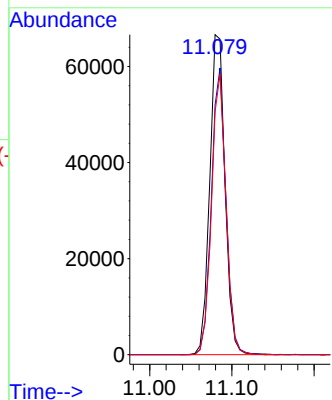
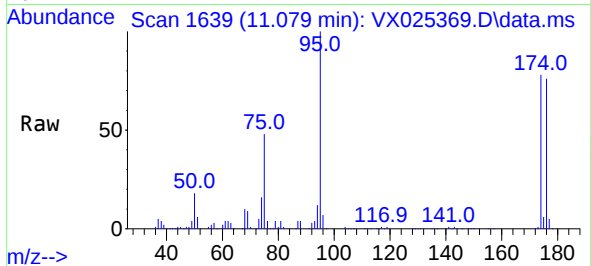




#62
4-Bromofluorobenzene
Concen: 47.070 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

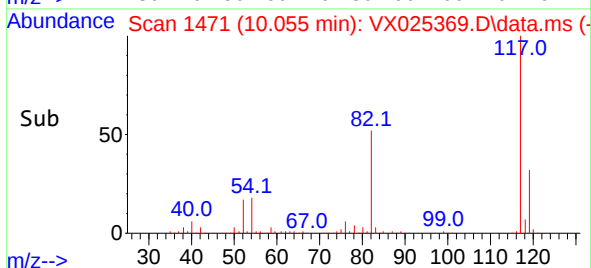
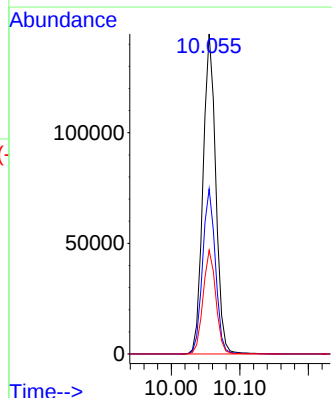
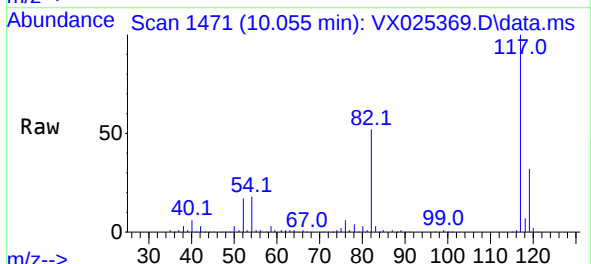
Instrument :
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20935

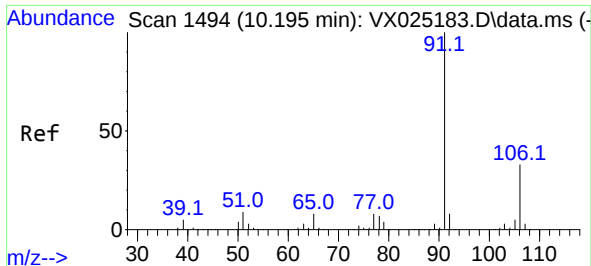
Tgt Ion: 95 Resp: 86160
Ion Ratio Lower Upper
95 100
174 85.6 0.0 158.0
176 83.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

Tgt Ion: 117 Resp: 188103
Ion Ratio Lower Upper
117 100
82 51.6 44.6 67.0
119 32.4 24.8 37.2





#67

Ethyl Benzene

Concen: 0.602 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025369.D

Acq: 29 Nov 2021 15:01

Instrument :

MSVOA_X

ClientSampleId :

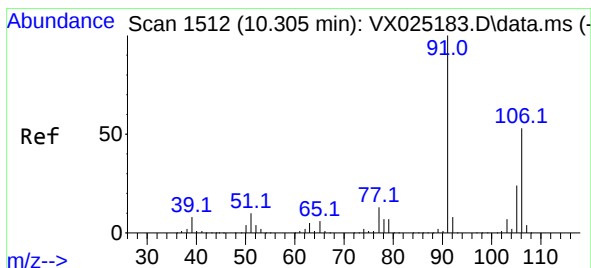
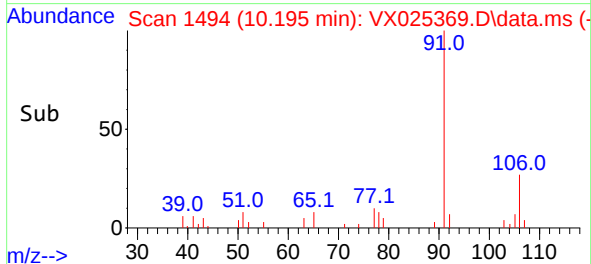
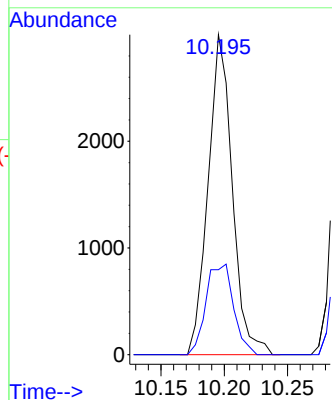
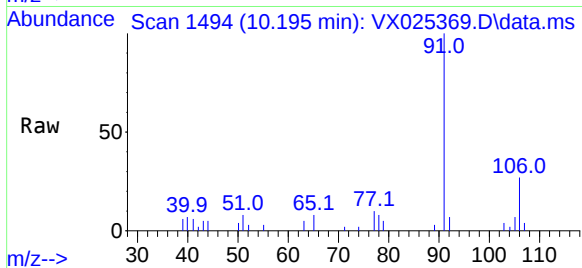
20935

Tgt Ion: 91 Resp: 3988

Ion Ratio Lower Upper

91 100

106 26.5 24.7 37.1



#68

m/p-Xylenes

Concen: 2.299 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025369.D

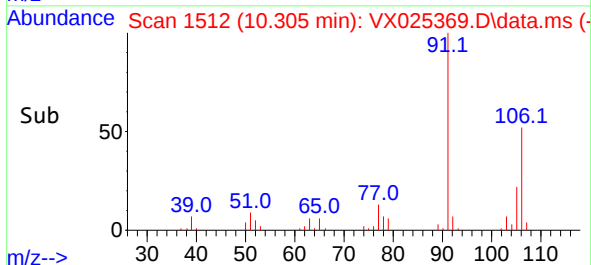
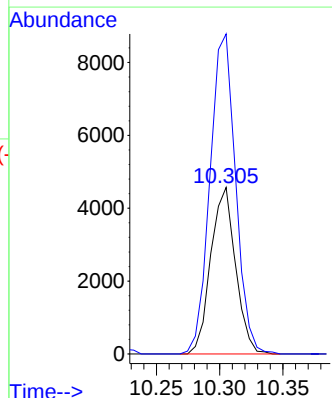
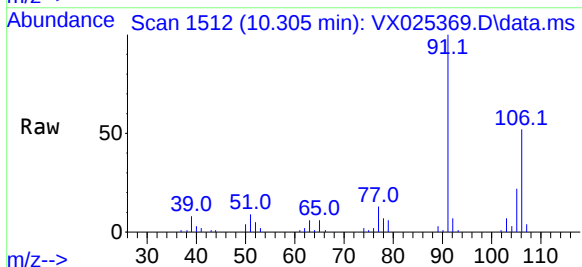
Acq: 29 Nov 2021 15:01

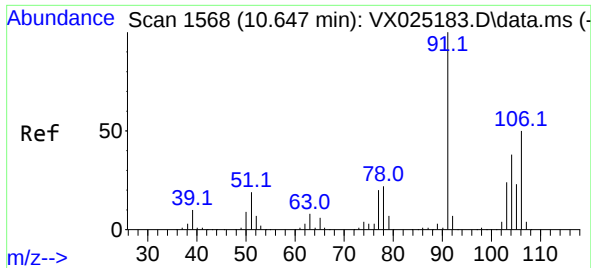
Tgt Ion: 106 Resp: 6220

Ion Ratio Lower Upper

106 100

91 198.9 163.4 245.0

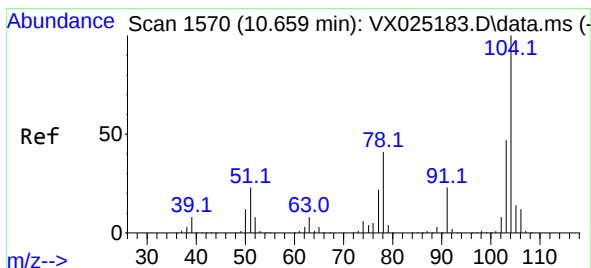
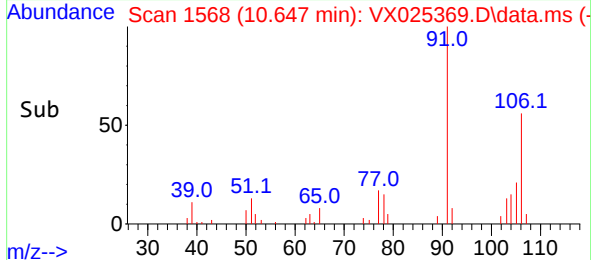
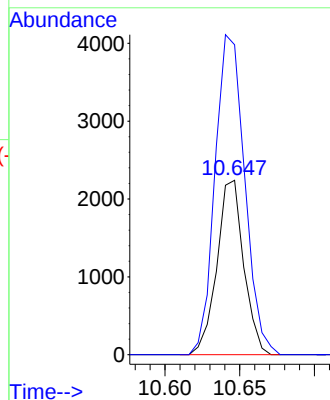
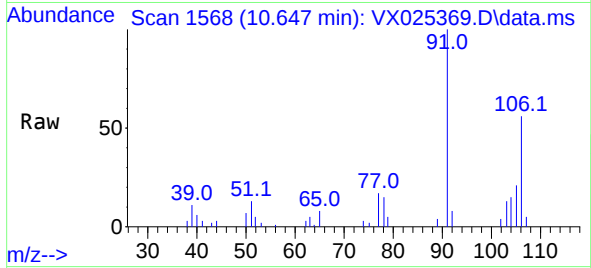




#69
o-Xylene
Concen: 1.056 ug/l
RT: 10.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

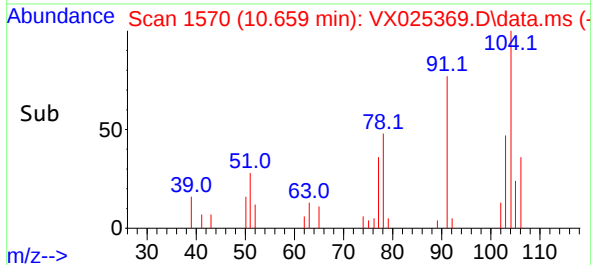
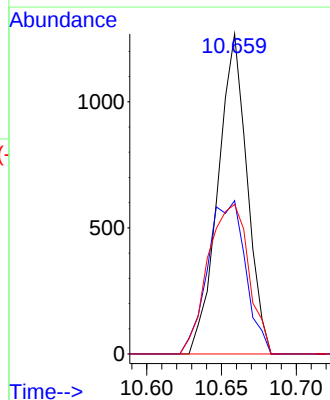
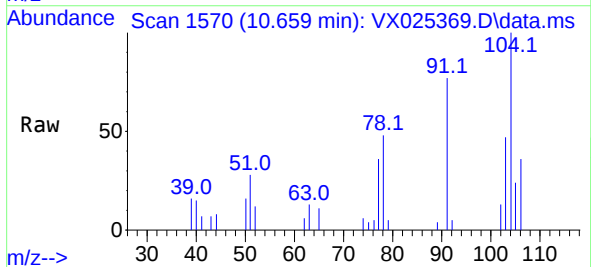
Instrument :
MSVOA_X
ClientSampleId :
20935

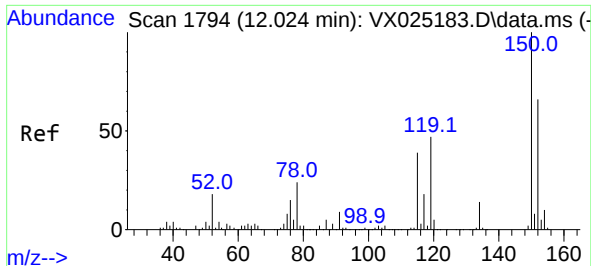
Tgt Ion:106 Resp: 2796
Ion Ratio Lower Upper
106 100
91 202.9 109.5 328.4



#70
Styrene
Concen: 0.392 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

Tgt Ion:104 Resp: 1715
Ion Ratio Lower Upper
104 100
78 62.5 41.3 61.9#
103 65.7 43.5 65.3#

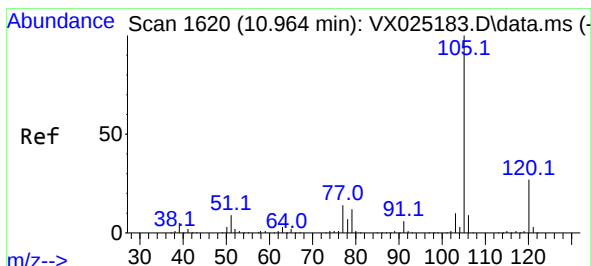
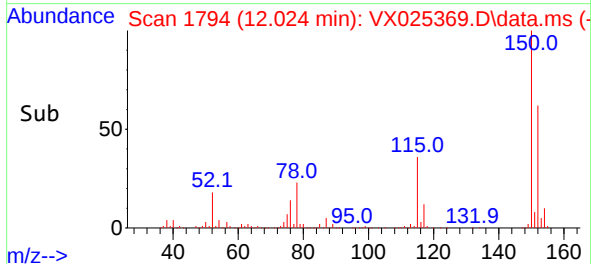
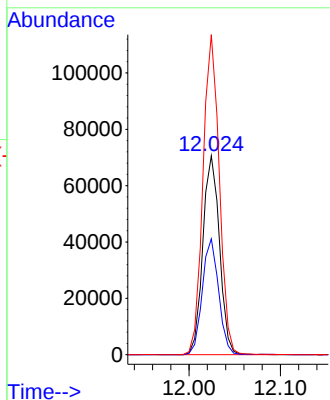
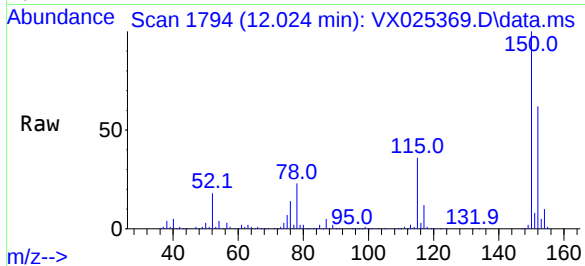




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

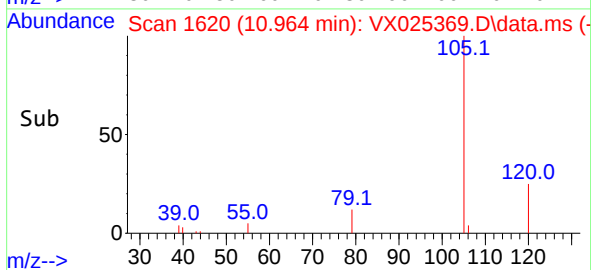
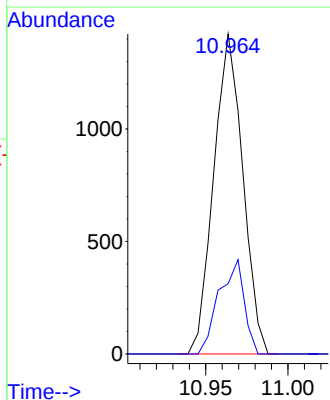
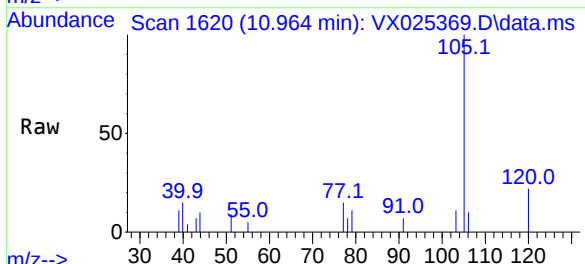
Instrument :
MSVOA_X
ClientSampleId :
20935

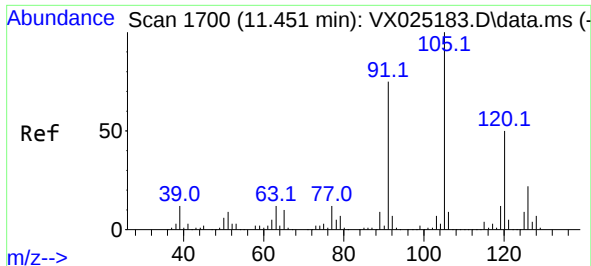
Tgt Ion:152 Resp: 89222
Ion Ratio Lower Upper
152 100
115 57.2 43.3 129.8
150 158.2 0.0 351.2



#73
Isopropylbenzene
Concen: 0.275 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

Tgt Ion:105 Resp: 1750
Ion Ratio Lower Upper
105 100
120 25.4 13.3 39.8

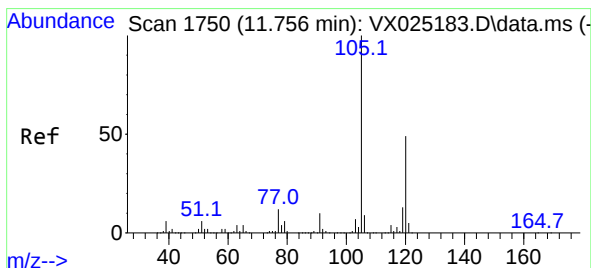
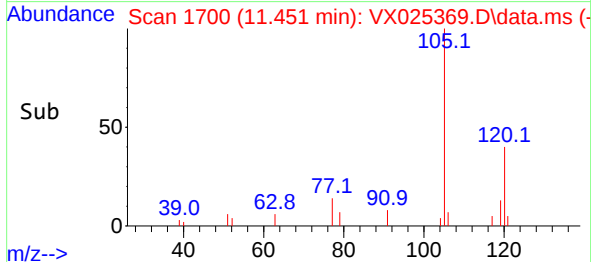
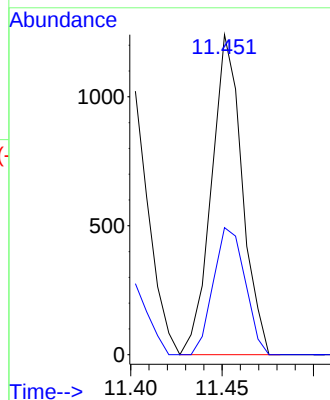
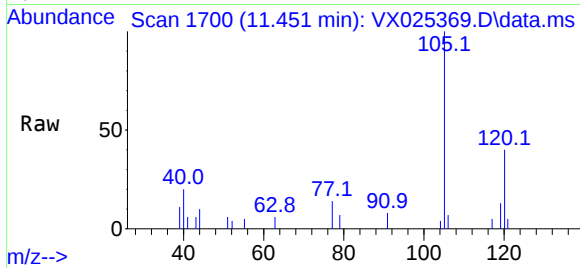




#80
1,3,5-Trimethylbenzene
Concen: 0.271 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

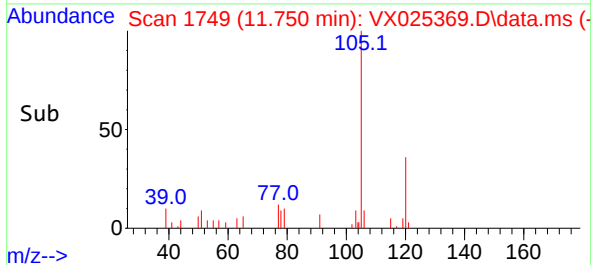
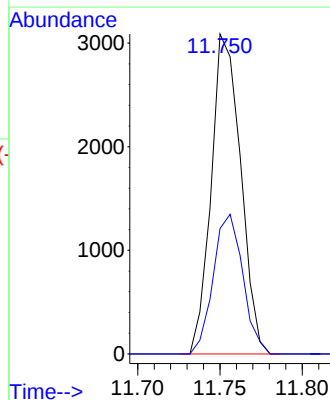
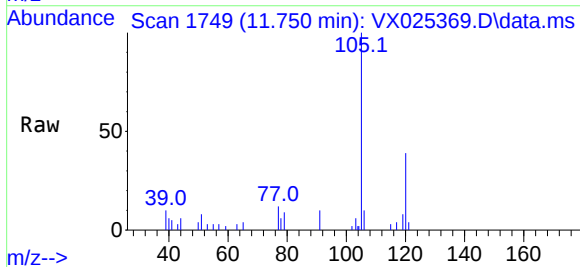
Instrument :
MSVOA_X
ClientSampleId :
20935

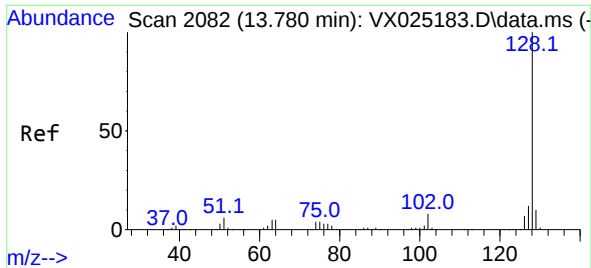
Tgt Ion:105 Resp: 1450
Ion Ratio Lower Upper
105 100
120 41.1 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 0.726 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

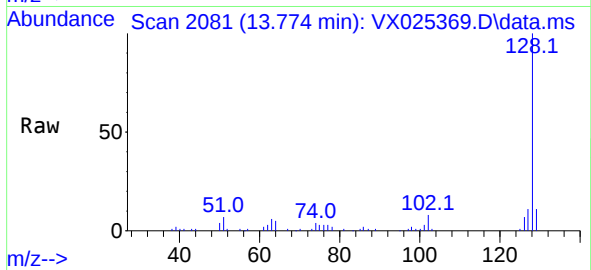
Tgt Ion:105 Resp: 3837
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.3





#95
Naphthalene
Concen: 2.322 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX025369.D
Acq: 29 Nov 2021 15:01

Instrument :
MSVOA_X
ClientSampleId :
20935



Tgt Ion:	128	Resp:	16131
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.8	8.8	13.2

