

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
 Data File : VX025408.D
 Acq On : 01 Dec 2021 13:15
 Operator : JC/MD
 Sample : M4866-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16986

Quant Time: Dec 02 08:27:21 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)

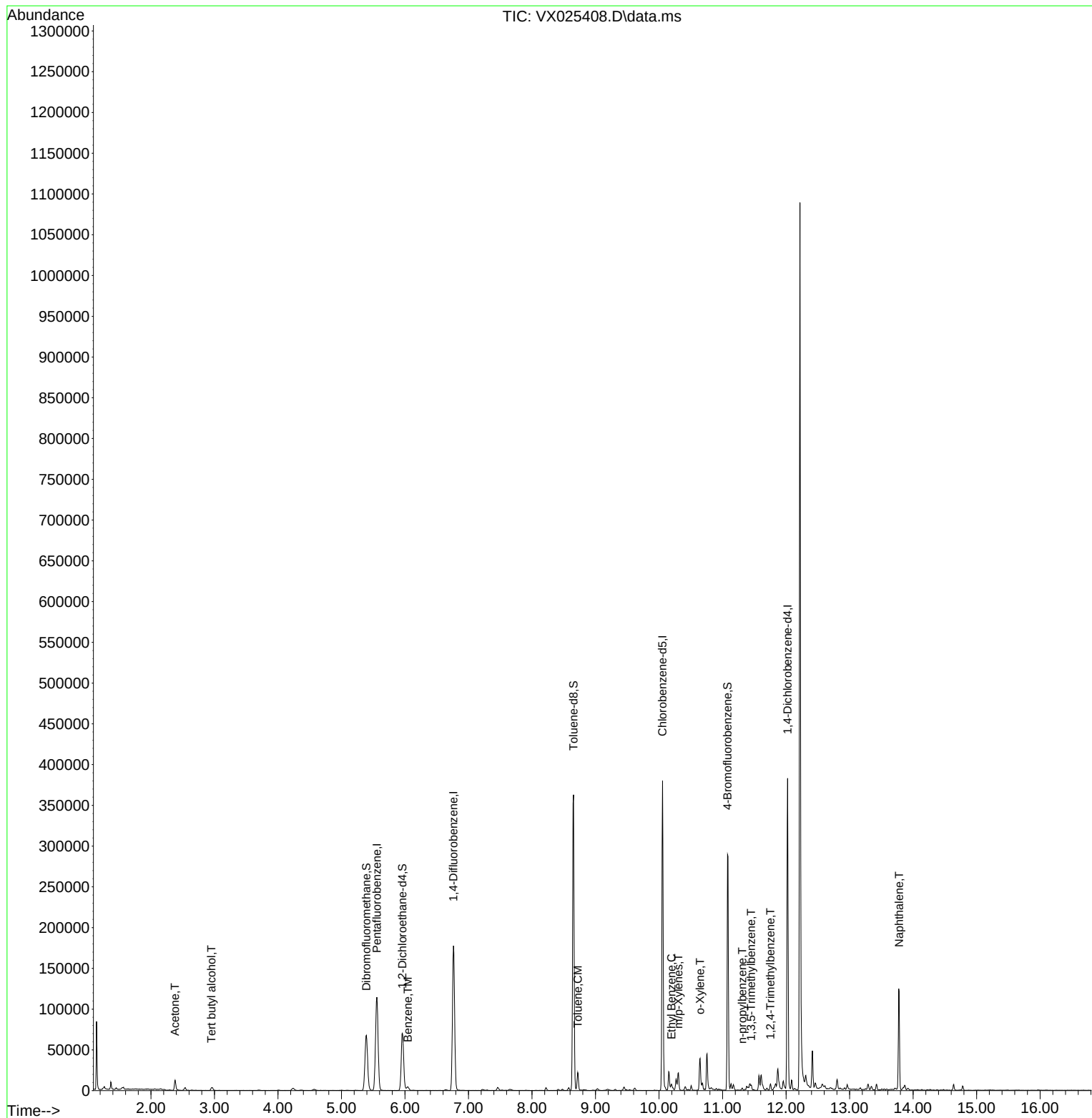
Internal Standards						
1) Pentafluorobenzene	5.556	168	117388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66943	54.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.200%	
35) Dibromofluoromethane	5.391	113	59693	50.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.100%	
50) Toluene-d8	8.653	98	222442	50.096	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	11.079	95	79225	47.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	4730	6.754	ug/l	99
16) Acetone	2.380	43	12792	18.605	ug/l	96
40) Benzene	6.044	78	5214	1.025	ug/l	93
52) Toluene	8.720	92	8101	2.439	ug/l	99
67) Ethyl Benzene	10.195	91	4728	0.770	ug/l	93
68) m/p-Xylenes	10.305	106	5141	2.051	ug/l	100
69) o-Xylene	10.646	106	8664	3.531	ug/l	96
78) n-propylbenzene	11.311	91	1583	0.244	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	2555	0.526	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	3292	0.686	ug/l	98
95) Naphthalene	13.780	128	79473	14.270	ug/l	99

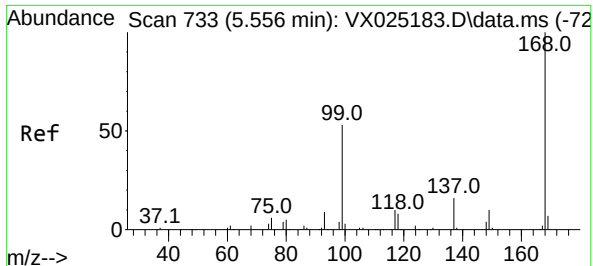
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 02 08:27:21 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

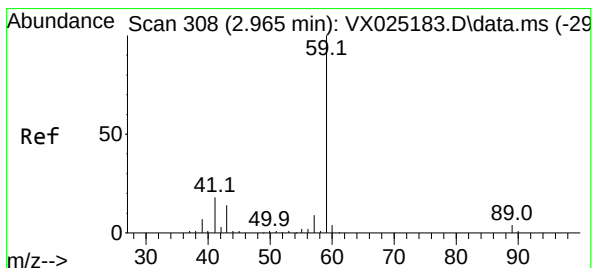
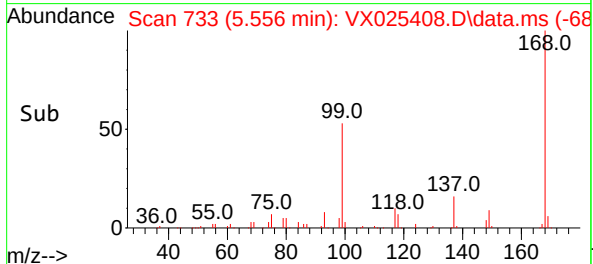
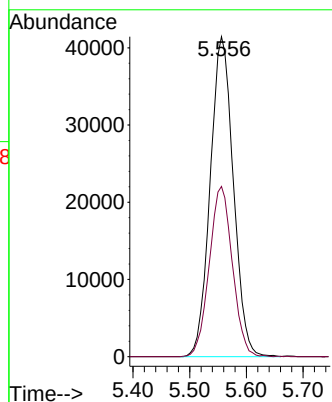
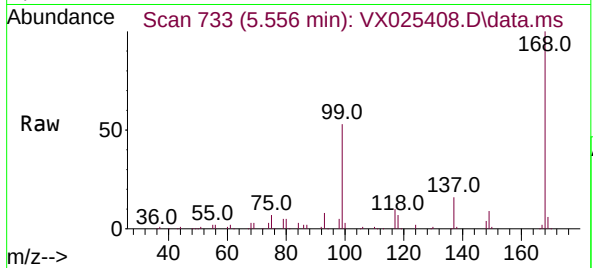




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

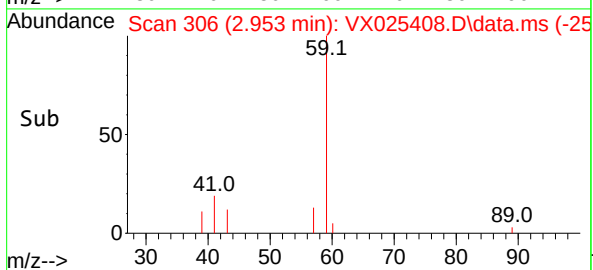
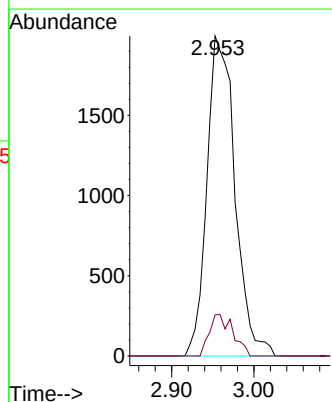
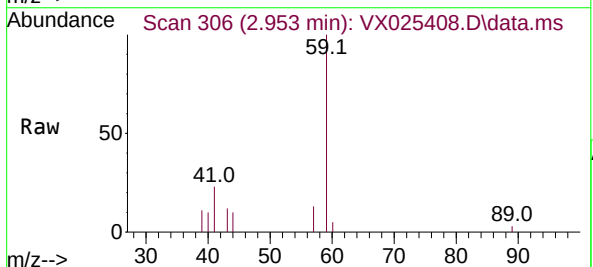
Instrument :
MSVOA_X
ClientSampleId :
16986

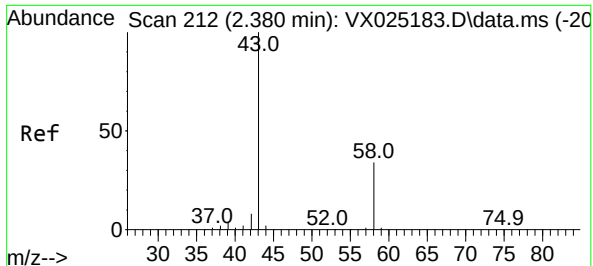
Tgt Ion:168 Resp: 117388
Ion Ratio Lower Upper
168 100
99 53.2 46.4 69.6



#11
Tert butyl alcohol
Concen: 6.754 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

Tgt Ion: 59 Resp: 4730
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

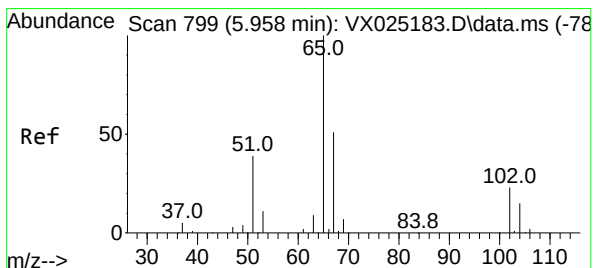
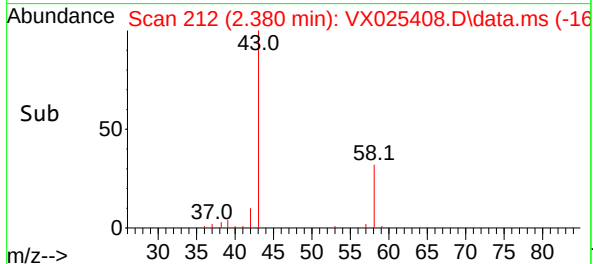
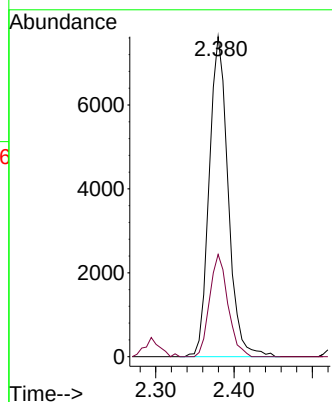
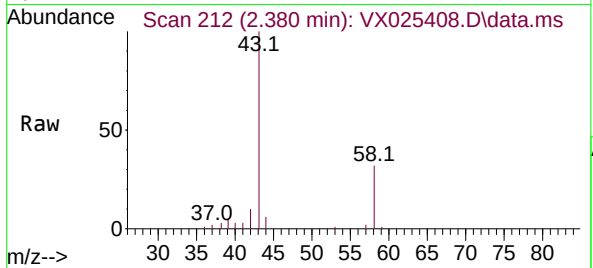




#16
Acetone
Concen: 18.605 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

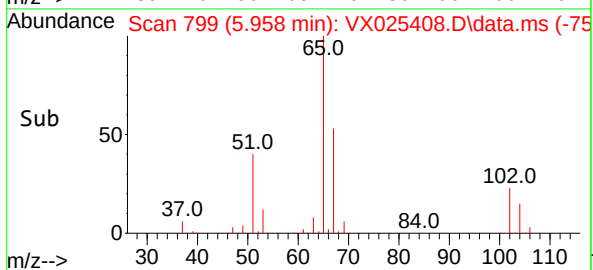
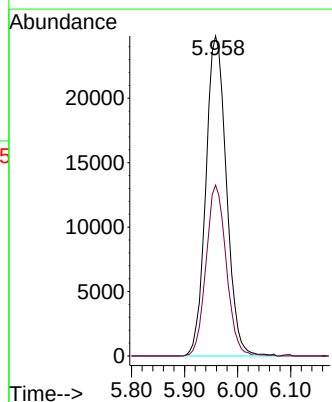
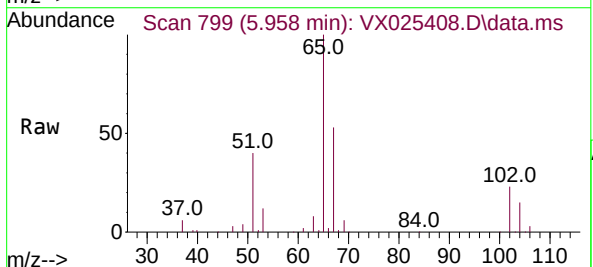
Instrument :
MSVOA_X
ClientSampleId :
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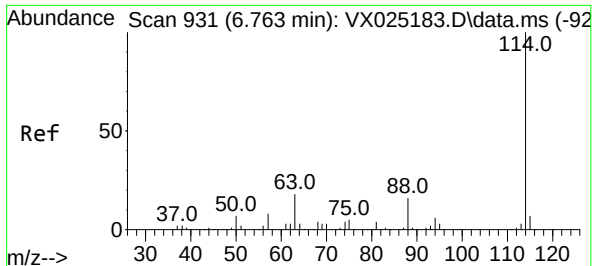
Tgt Ion: 43 Resp: 12792
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0



#33
1,2-Dichloroethane-d4
Concen: 54.102 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

Tgt Ion: 65 Resp: 66943
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.0

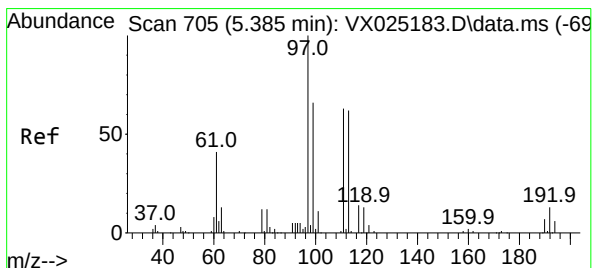
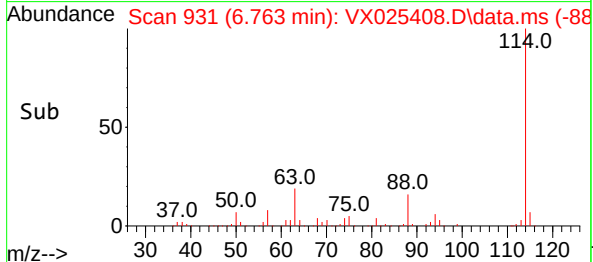
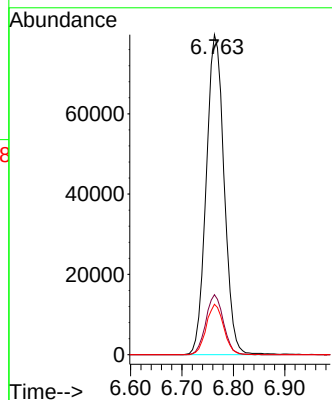
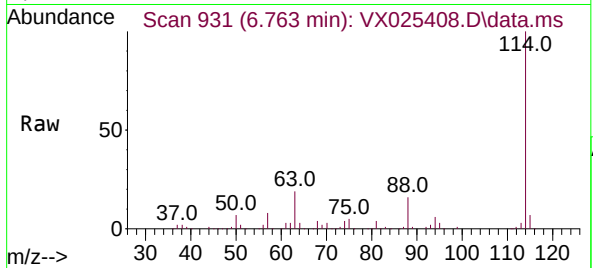




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

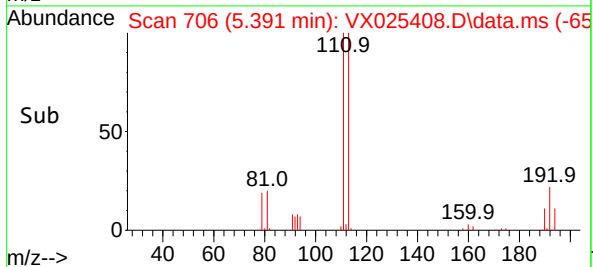
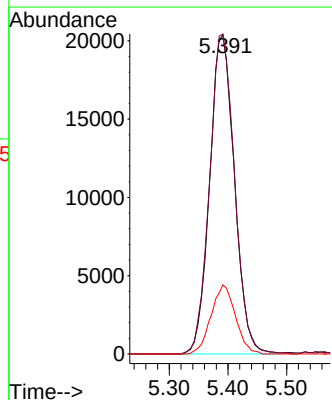
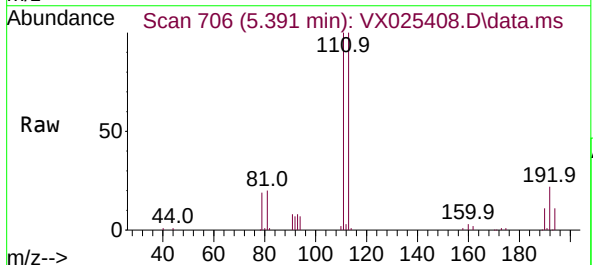
Instrument :
MSVOA_X
ClientSampleId :
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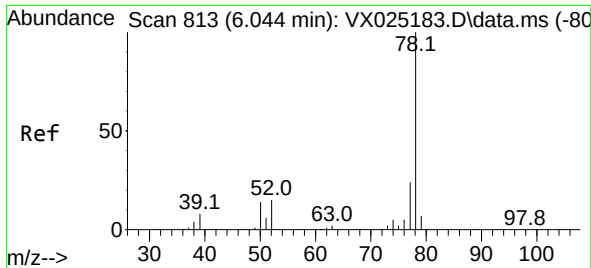
Tgt Ion:114 Resp: 192477
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.0
88 15.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.546 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

Tgt Ion:113 Resp: 59693
Ion Ratio Lower Upper
113 100
111 101.2 82.1 123.1
192 21.3 15.6 23.4





#40

Benzene

Concen: 1.025 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX025408.D

Acq: 01 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

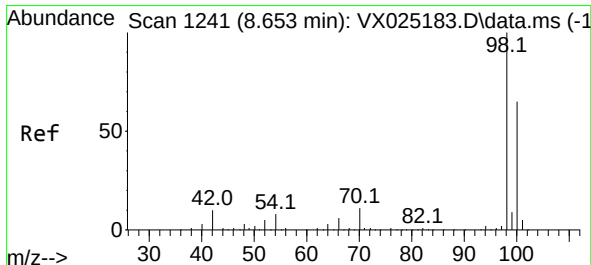
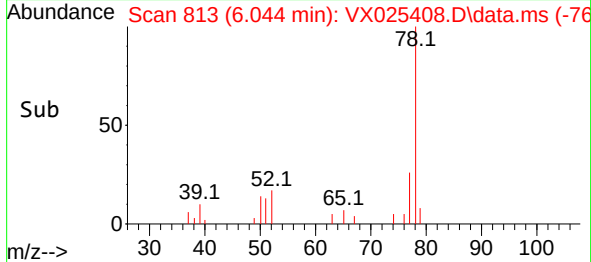
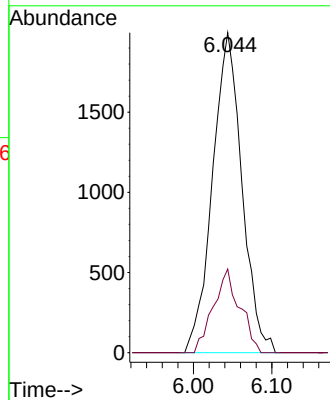
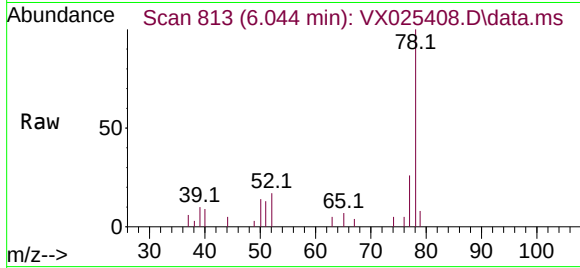
16986

Tgt Ion: 78 Resp: 5214

Ion Ratio Lower Upper

78 100

77 26.2 18.3 27.5



#50

Toluene-d8

Concen: 50.096 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025408.D

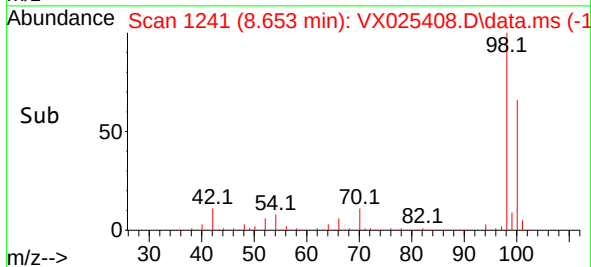
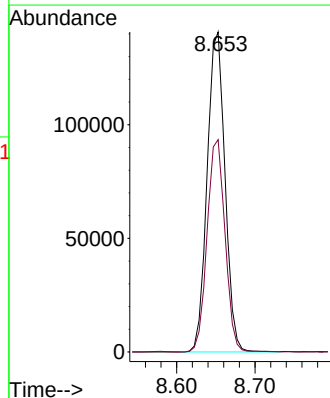
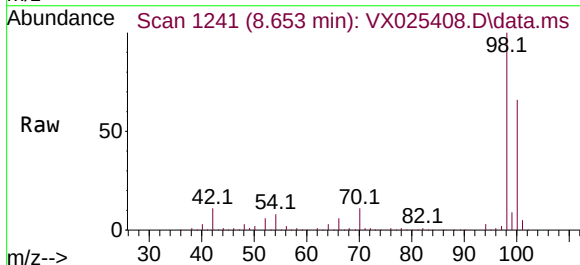
Acq: 01 Dec 2021 13:15

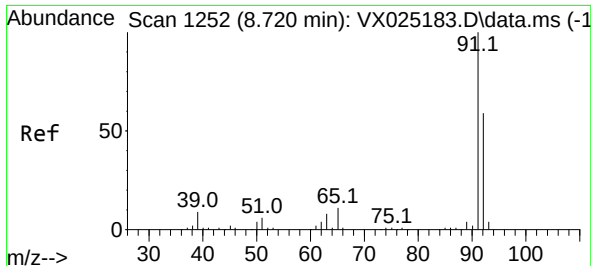
Tgt Ion: 98 Resp: 222442

Ion Ratio Lower Upper

98 100

100 66.8 51.4 77.0

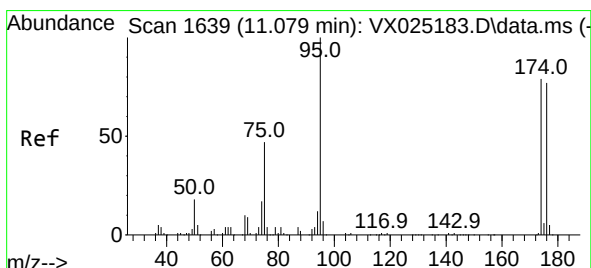
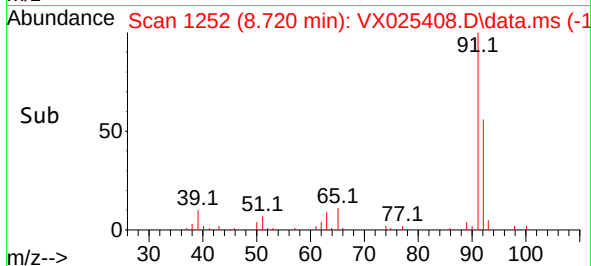
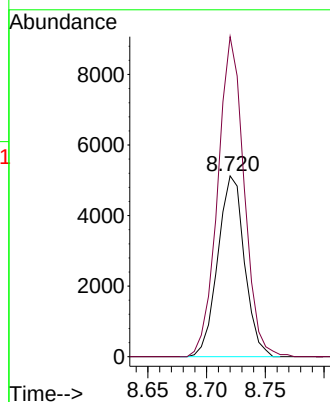
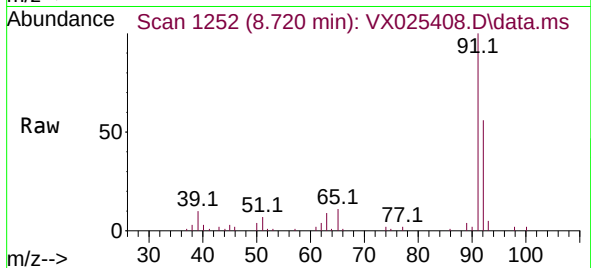




#52
Toluene
Concen: 2.439 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

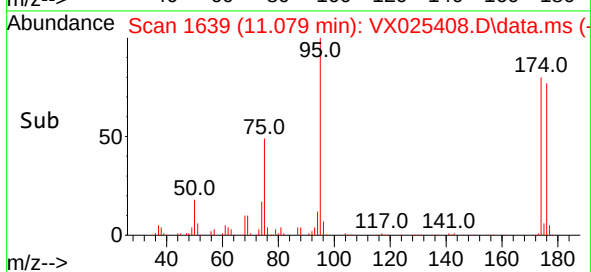
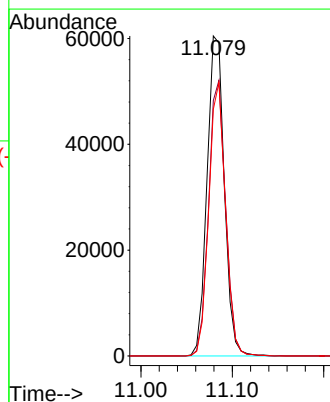
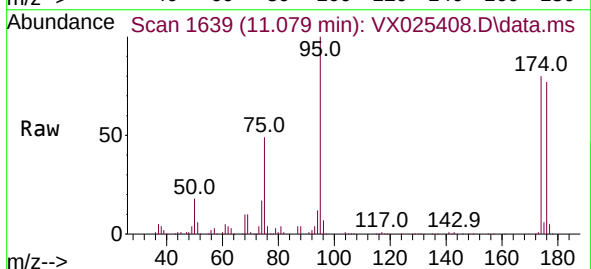
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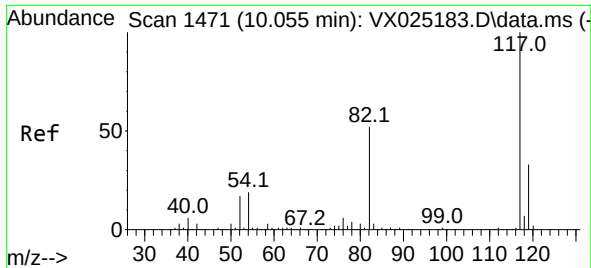
Tgt Ion: 92 Resp: 8101
Ion Ratio Lower Upper
92 100
91 175.0 138.6 208.0



#62
4-Bromofluorobenzene
Concen: 47.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

Tgt Ion: 95 Resp: 79225
Ion Ratio Lower Upper
95 100
174 84.8 0.0 158.0
176 82.9 0.0 153.6

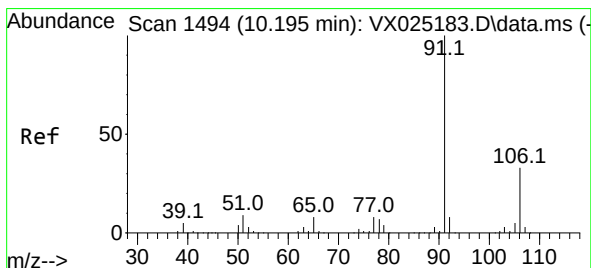
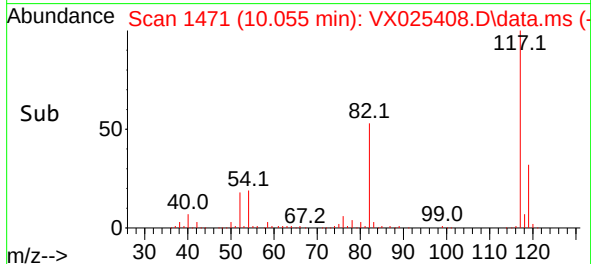
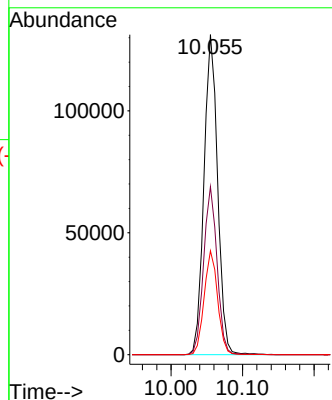
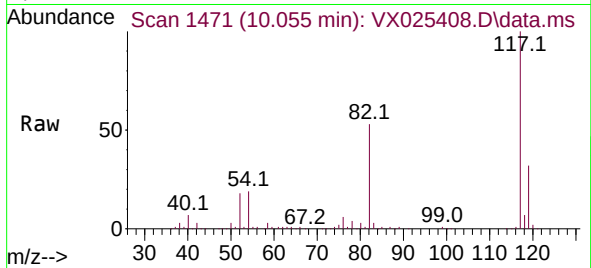




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

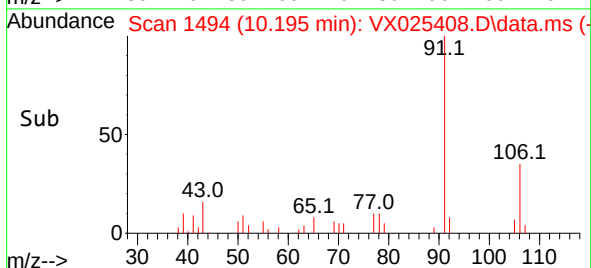
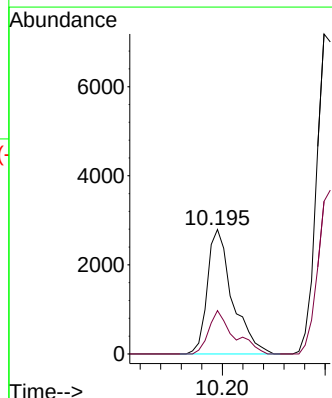
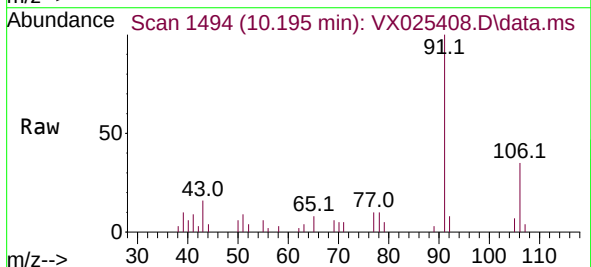
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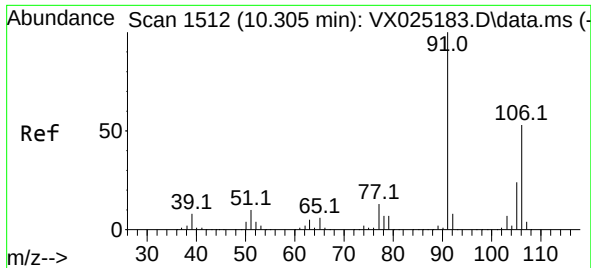
Tgt Ion:117 Resp: 174296
Ion Ratio Lower Upper
117 100
82 52.5 44.6 67.0
119 32.5 24.8 37.2



#67
Ethyl Benzene
Concen: 0.770 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

Tgt Ion: 91 Resp: 4728
Ion Ratio Lower Upper
91 100
106 34.8 24.7 37.1

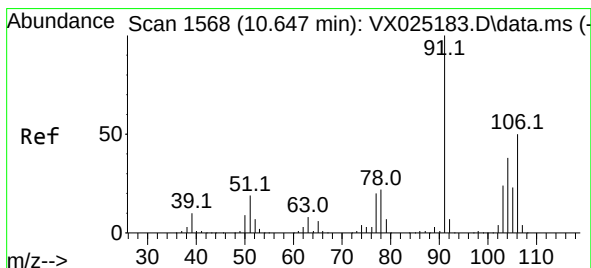
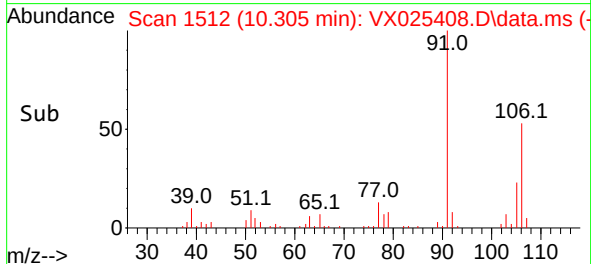
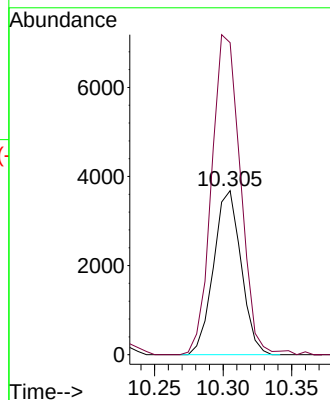
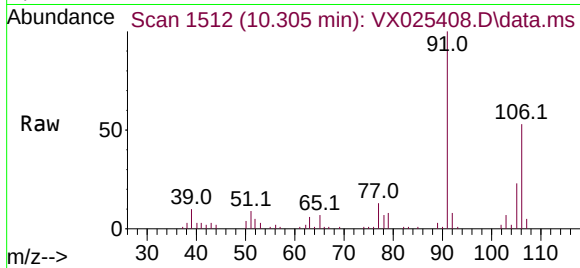




#68
m/p-Xylenes
Concen: 2.051 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

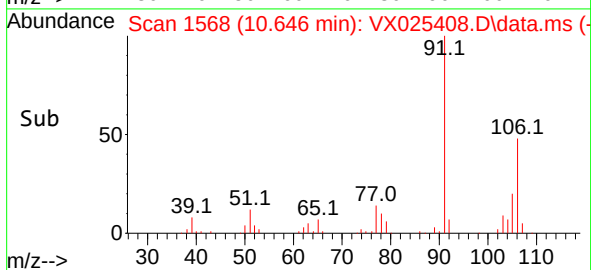
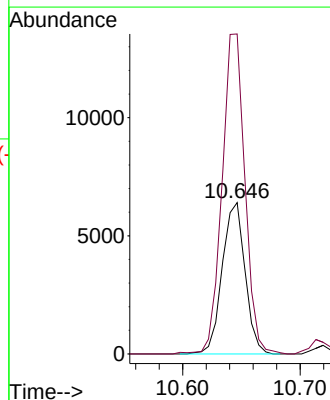
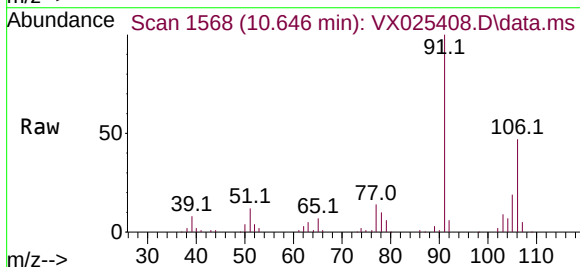
Instrument :
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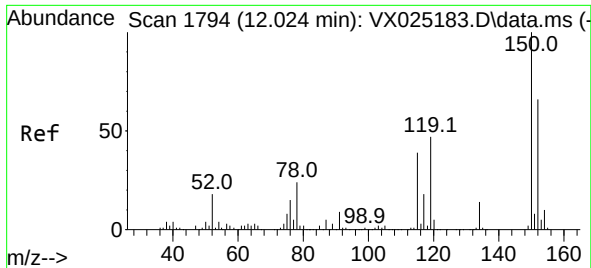
Tgt Ion:106 Resp: 5141
Ion Ratio Lower Upper
106 100
91 204.7 163.4 245.0



#69
o-Xylene
Concen: 3.531 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

Tgt Ion:106 Resp: 8664
Ion Ratio Lower Upper
106 100
91 212.3 109.5 328.4

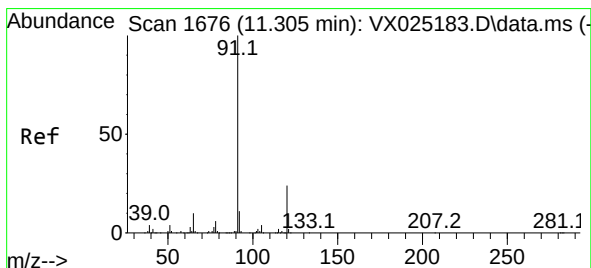
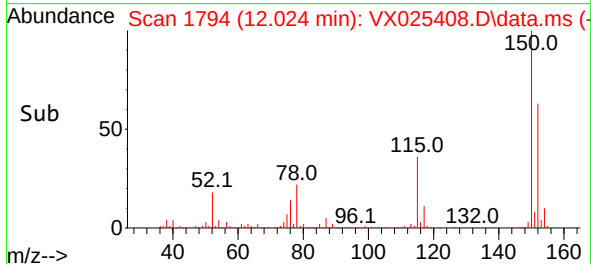
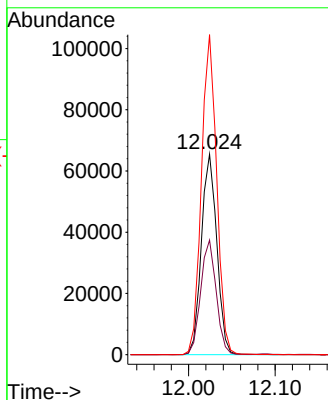
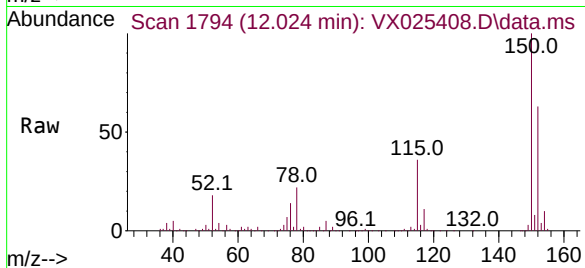




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

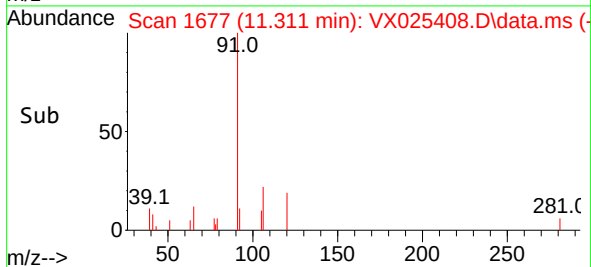
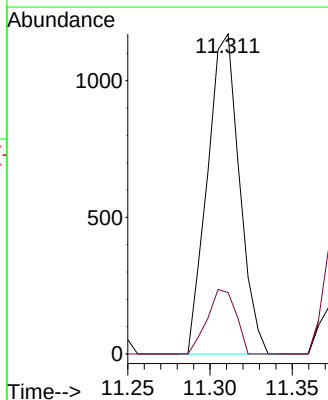
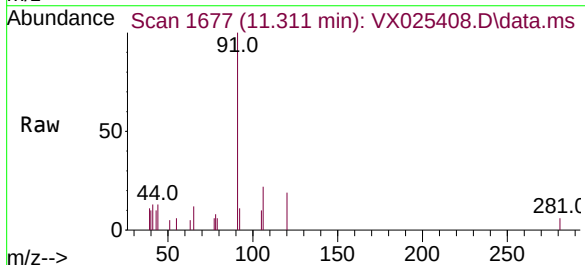
Instrument :
MSVOA_X
ClientSampleId :
16986

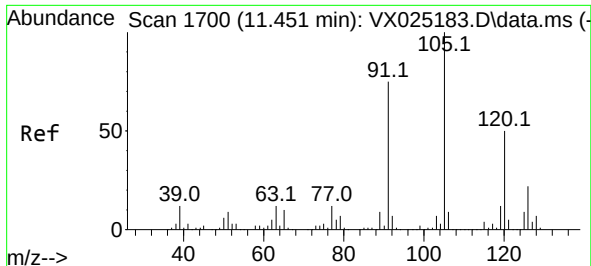
Tgt Ion:152 Resp: 81015
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.8
150 157.9 0.0 351.2



#78
n-propylbenzene
Concen: 0.244 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

Tgt Ion: 91 Resp: 1583
Ion Ratio Lower Upper
91 100
120 18.1 11.7 35.0

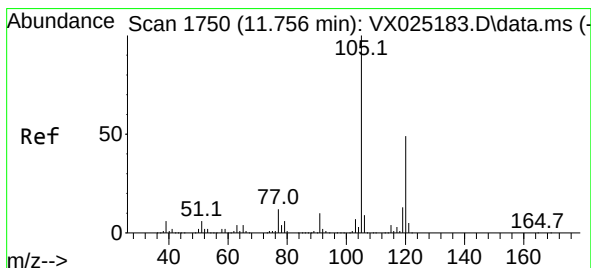
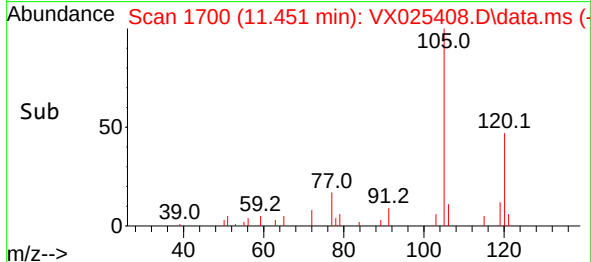
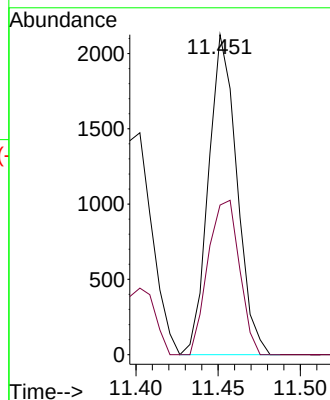
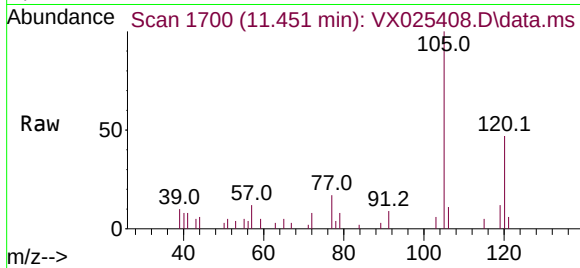




#80
1,3,5-Trimethylbenzene
Concen: 0.526 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

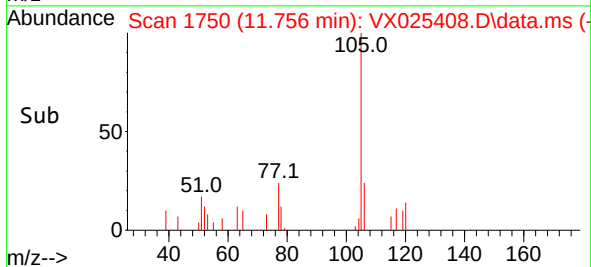
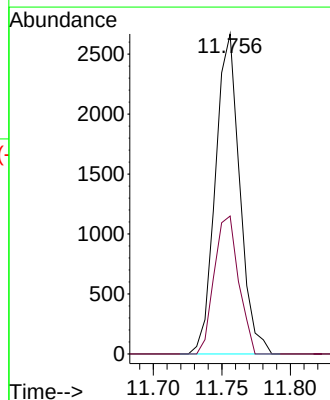
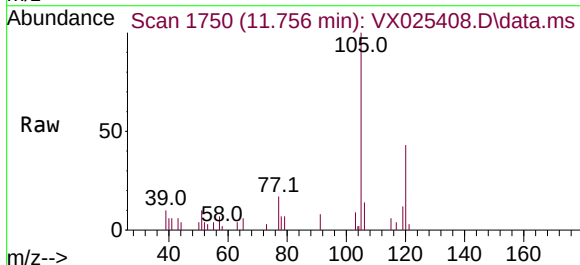
Instrument :
MSVOA_X
ClientSampleId :
16986

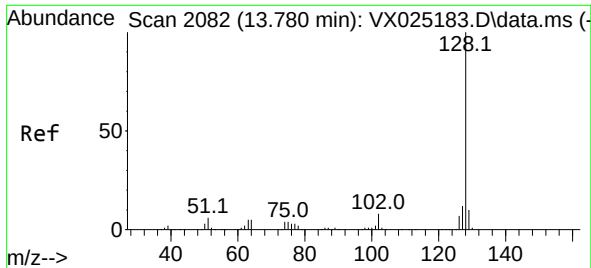
Tgt Ion:105 Resp: 2555
Ion Ratio Lower Upper
105 100
120 53.3 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 0.686 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025408.D
Acq: 01 Dec 2021 13:15

Tgt Ion:105 Resp: 3292
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.3





#95

Naphthalene

Concen: 14.270 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025408.D

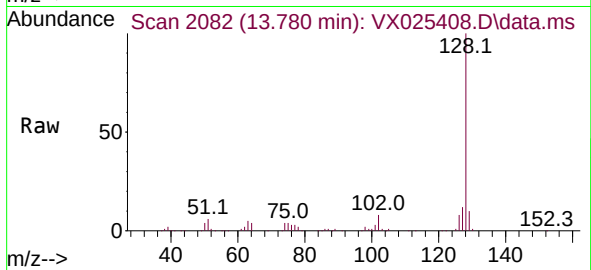
Acq: 01 Dec 2021 13:15

Instrument :

MSVOA_X

ClientSampleId :

16986



Tgt Ion:128 Resp: 79473

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.0 8.8 13.2

