

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
 Data File : VX025411.D
 Acq On : 01 Dec 2021 14:25
 Operator : JC/MD
 Sample : M4866-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16952

Quant Time: Dec 02 08:28:03 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)

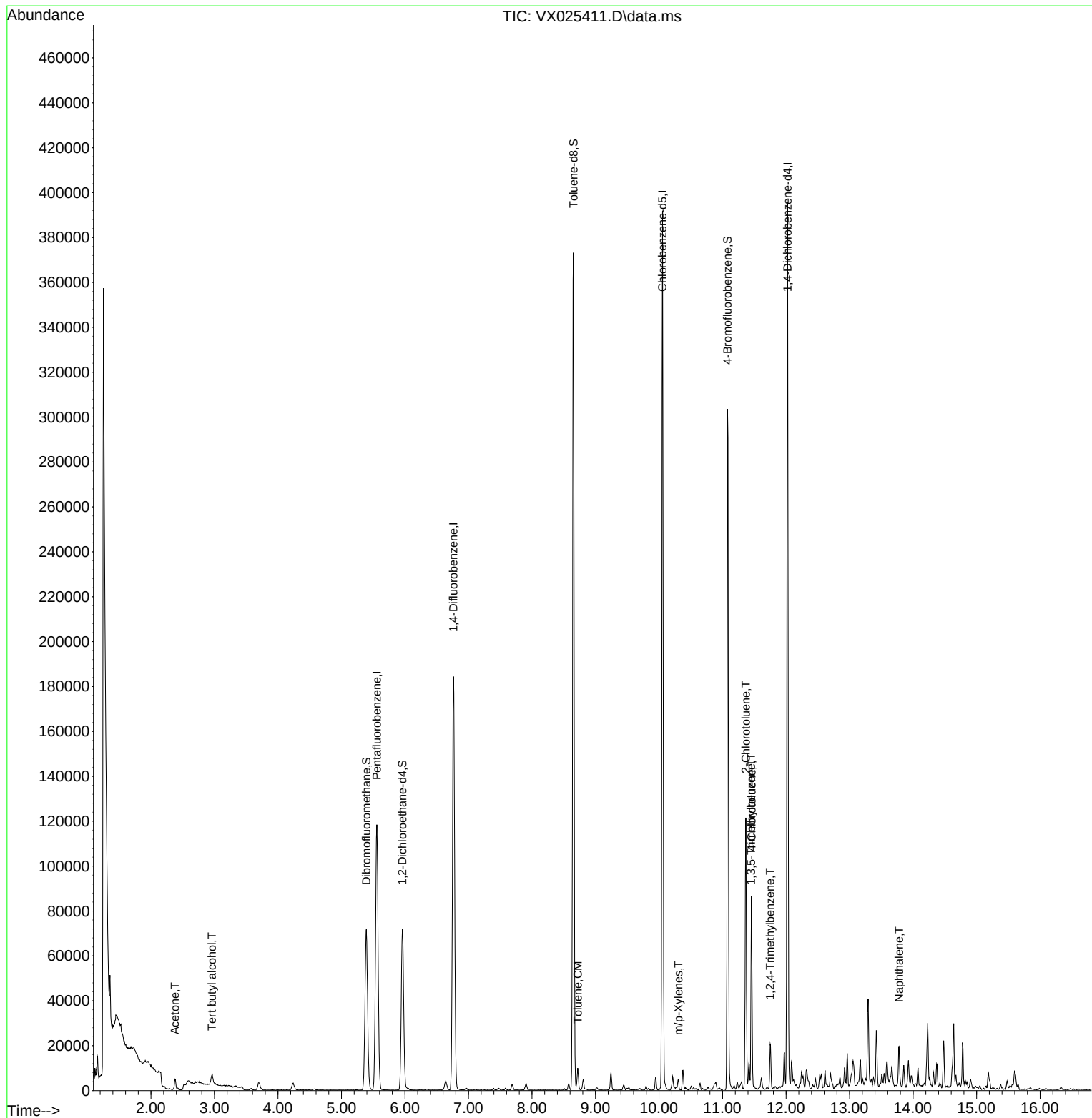
Internal Standards						
1) Pentafluorobenzene	5.556	168	120247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67793	53.486	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.980%
35) Dibromofluoromethane	5.391	113	61461	49.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	8.653	98	230204	49.570	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.079	95	82606	47.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	4965	7.151	ug/l	94
16) Acetone	2.380	43	4879	6.928	ug/l	94
52) Toluene	8.720	92	3295	0.949	ug/l	96
68) m/p-Xylenes	10.305	106	1221	0.474	ug/l	97
79) 2-Chlorotoluene	11.366	91	52040	12.640	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1571	0.310	ug/l	86
82) 4-Chlorotoluene	11.457	91	34788	7.402	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	7926	1.584	ug/l	99
95) Naphthalene	13.780	128	12186	1.775	ug/l	99

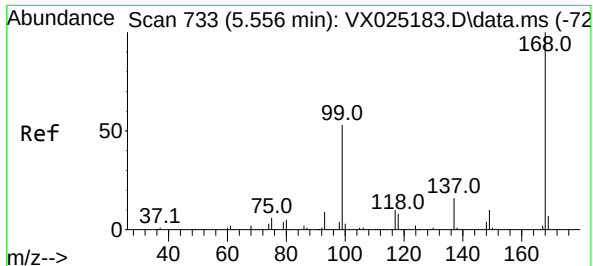
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 17 15:36:16 2021
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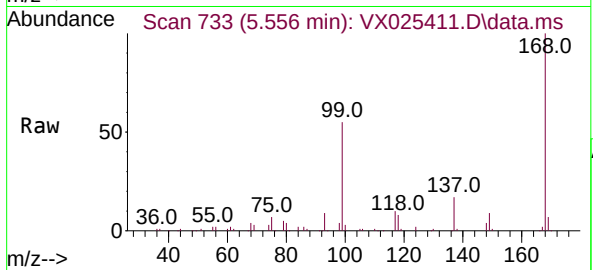
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

Instrument :

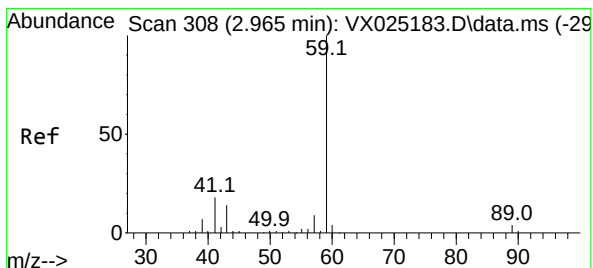
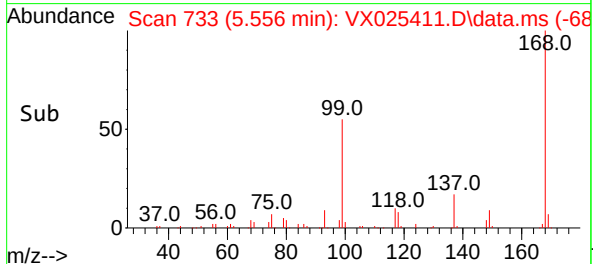
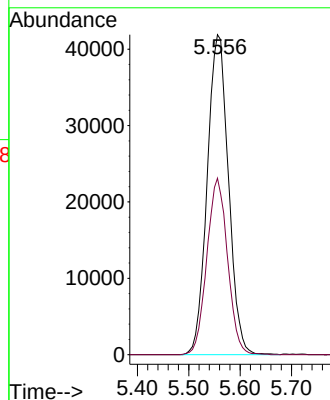
MSVOA_X

ClientSampleId :

16952

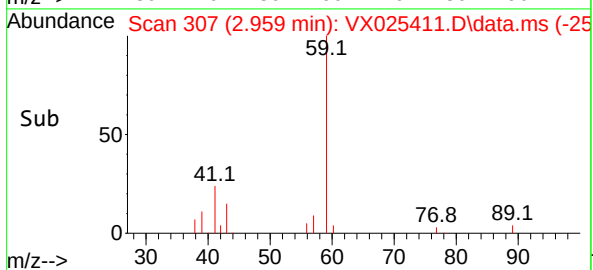
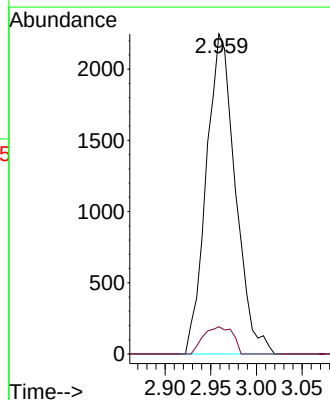
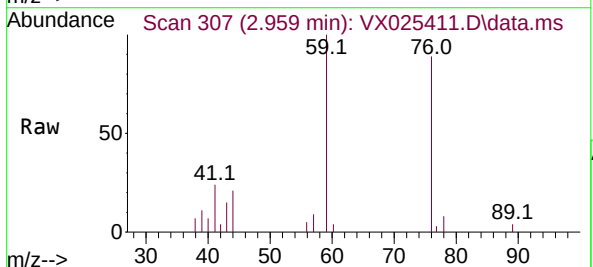


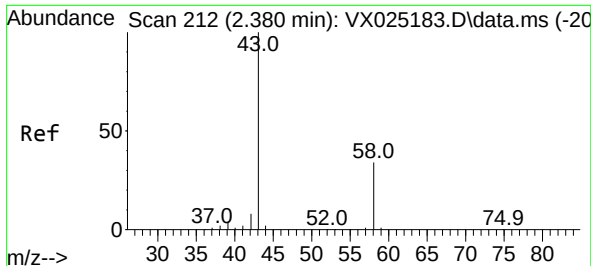
Tgt Ion:168 Resp: 120247
Ion Ratio Lower Upper
168 100
99 55.1 46.4 69.6



#11
Tert butyl alcohol
Concen: 7.151 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

Tgt Ion: 59 Resp: 4965
Ion Ratio Lower Upper
59 100
57 8.5 8.5 12.7

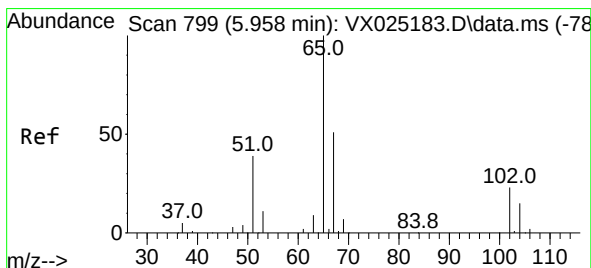
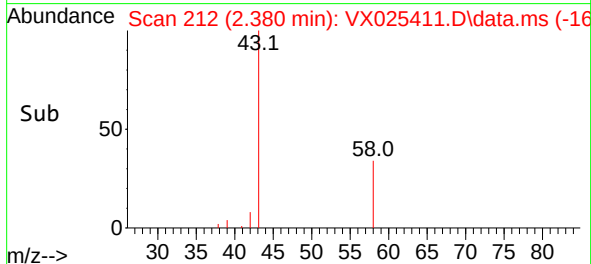
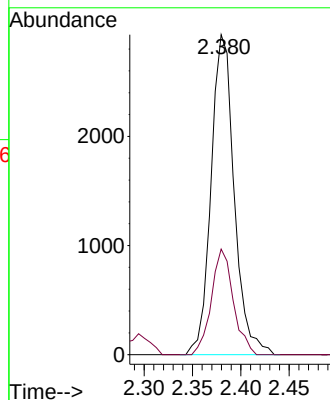
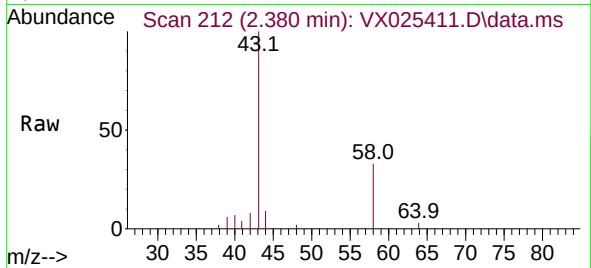




#16
Acetone
Concen: 6.928 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

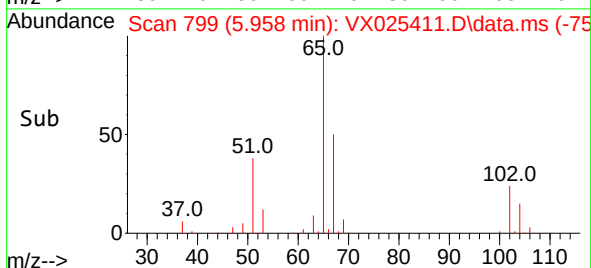
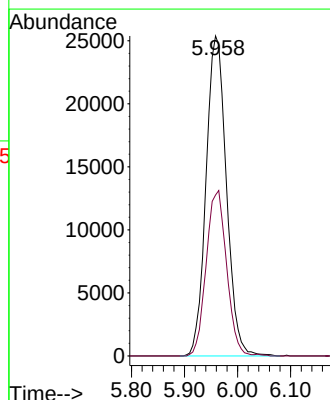
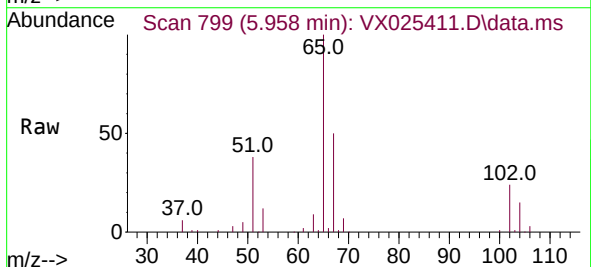
Instrument :
MSVOA_X
ClientSampleId :
16952

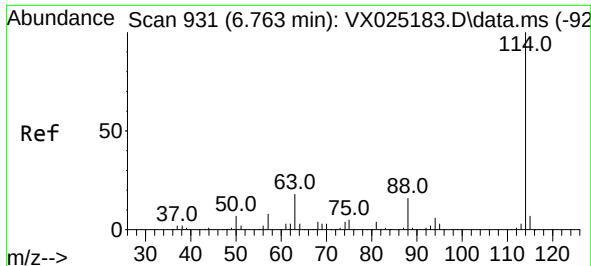
Tgt Ion: 43 Resp: 4879
Ion Ratio Lower Upper
43 100
58 33.0 24.0 36.0



#33
1,2-Dichloroethane-d4
Concen: 53.486 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

Tgt Ion: 65 Resp: 67793
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.0

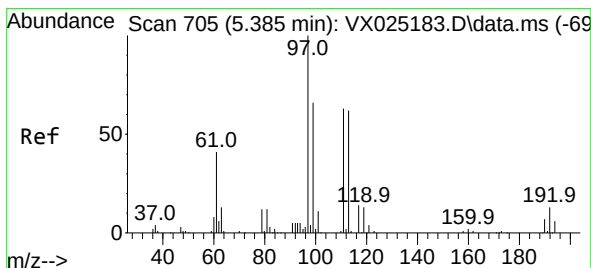
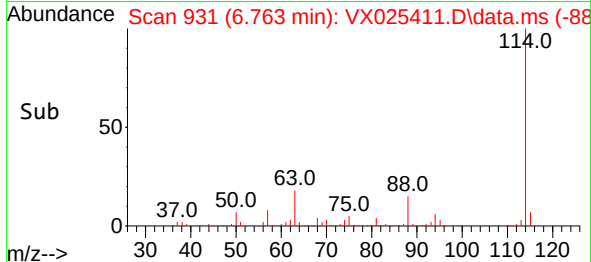
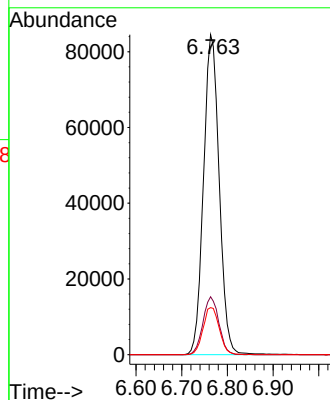
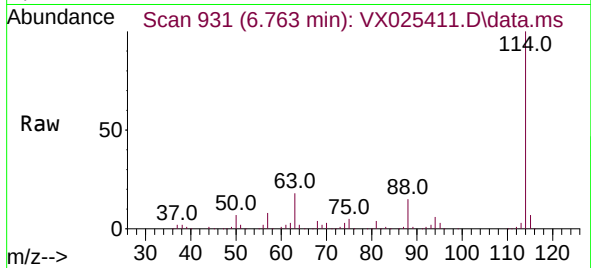




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

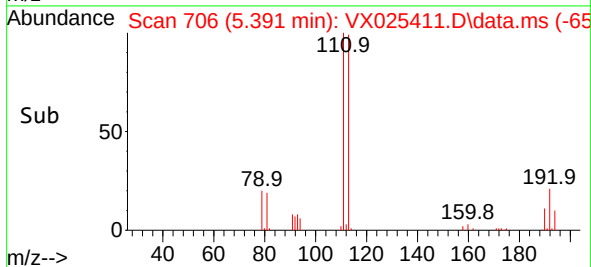
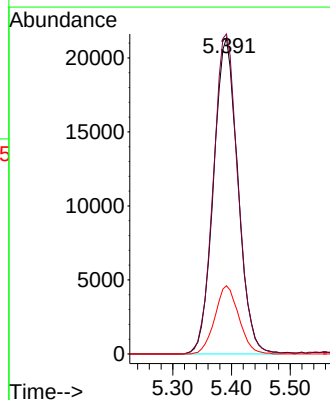
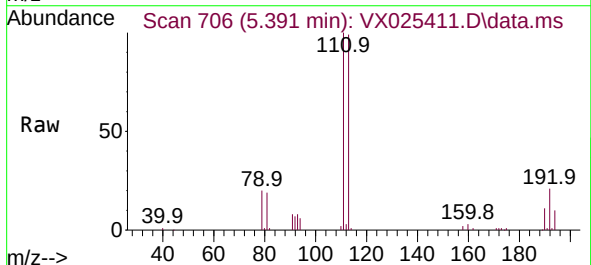
Instrument :
MSVOA_X
ClientSampleId :
16952

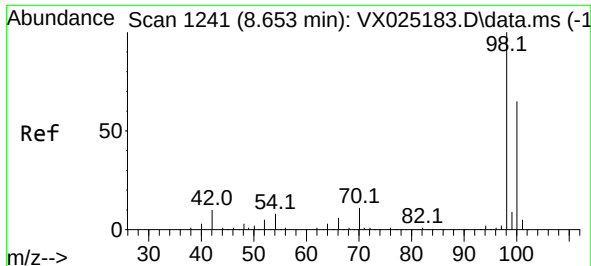
Tgt Ion:114 Resp: 201309
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.0
88 14.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.759 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

Tgt Ion:113 Resp: 61461
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 21.2 15.6 23.4

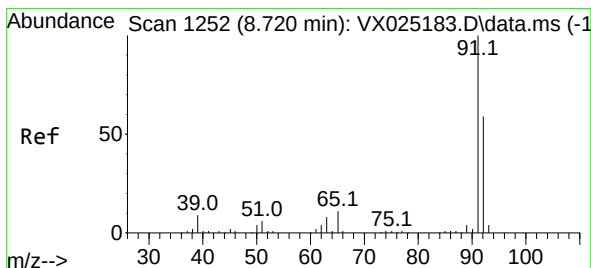
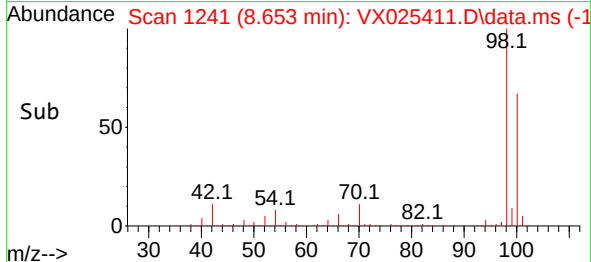
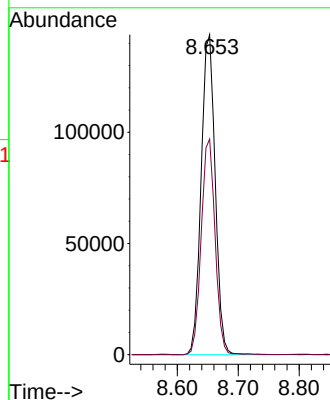
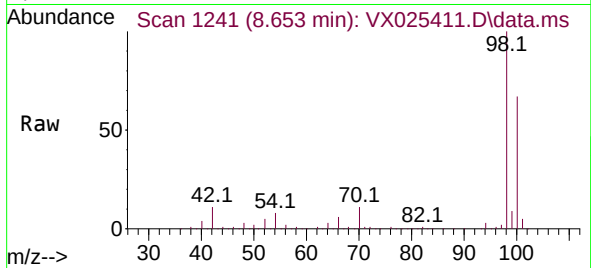




#50
Toluene-d8
Concen: 49.570 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

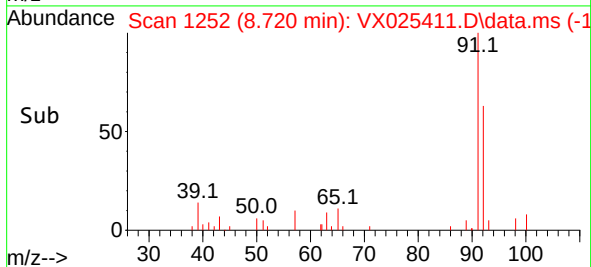
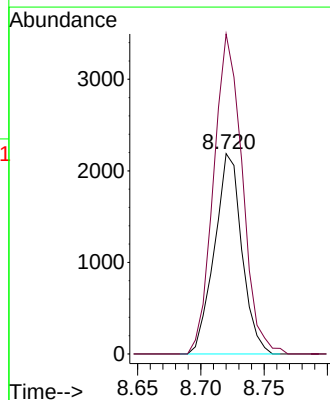
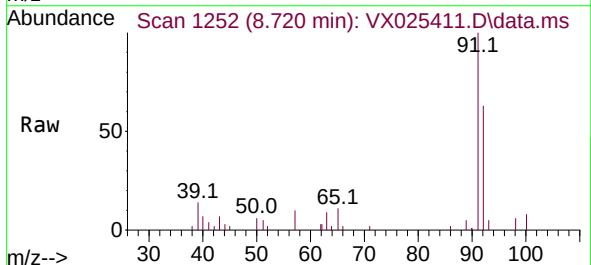
Instrument :
MSVOA_X
ClientSampleId :
16952

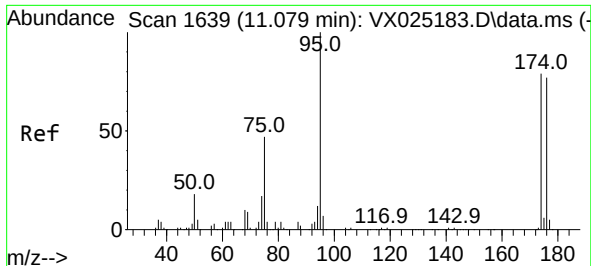
Tgt Ion: 98 Resp: 230204
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.0



#52
Toluene
Concen: 0.949 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

Tgt Ion: 92 Resp: 3295
Ion Ratio Lower Upper
92 100
91 167.1 138.6 208.0





#62

4-Bromofluorobenzene

Concen: 47.018 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025411.D

Acq: 01 Dec 2021 14:25

Instrument :

MSVOA_X

ClientSampleId :

16952

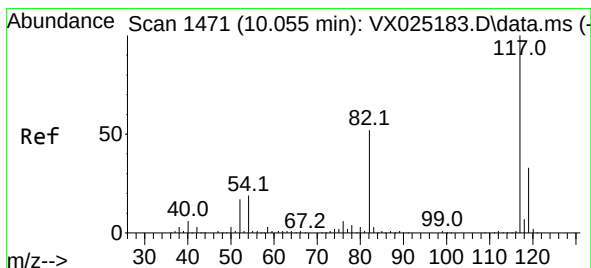
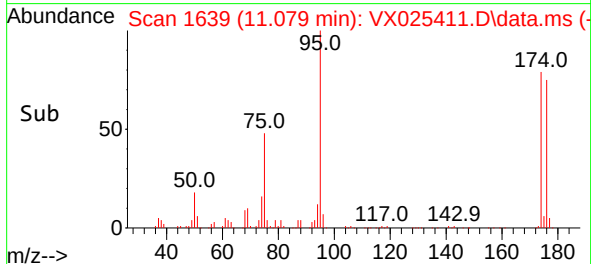
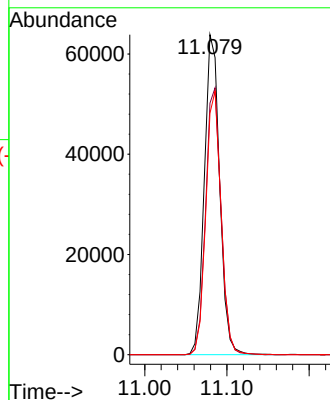
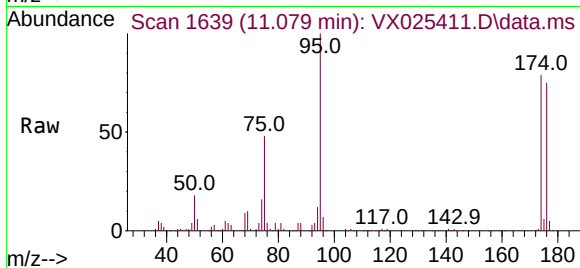
Tgt Ion: 95 Resp: 82606

Ion Ratio Lower Upper

95 100

174 83.8 0.0 158.0

176 82.2 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: VX025411.D

Acq: 01 Dec 2021 14:25

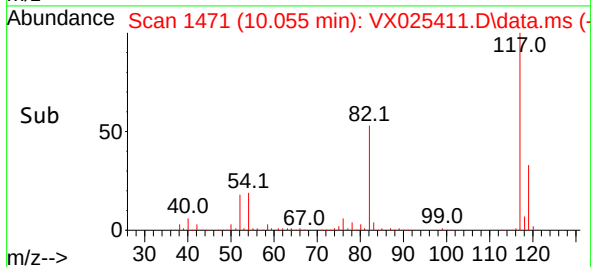
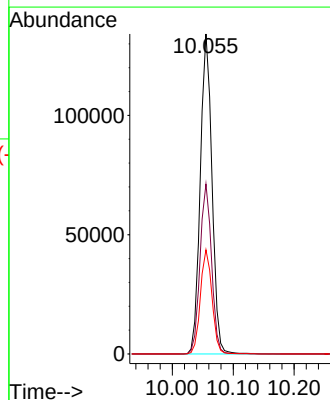
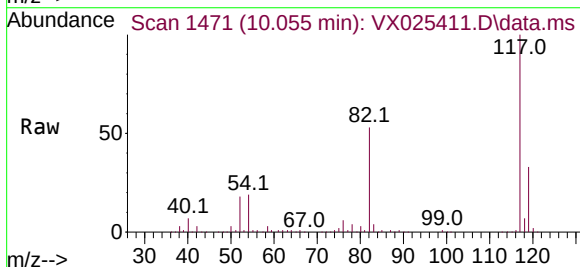
Tgt Ion: 117 Resp: 178945

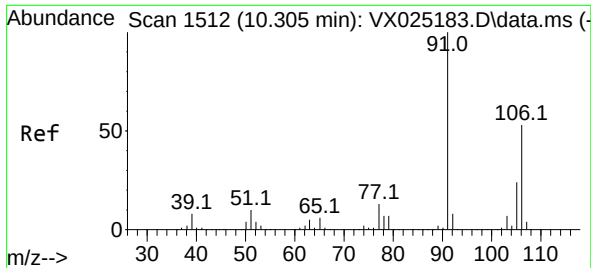
Ion Ratio Lower Upper

117 100

82 53.1 44.6 67.0

119 32.5 24.8 37.2

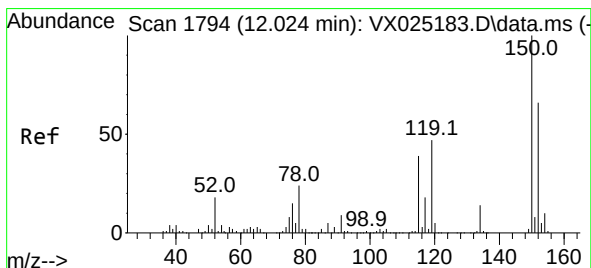
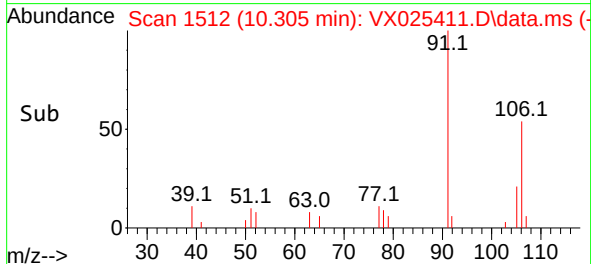
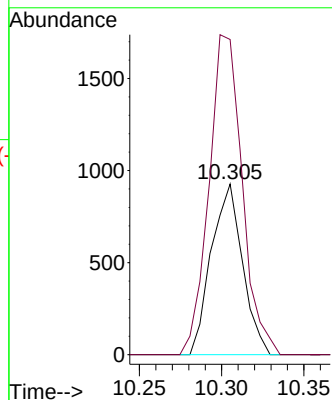
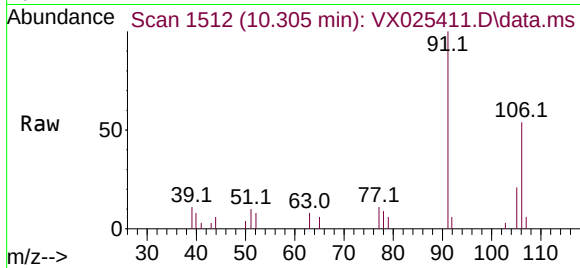




#68
m/p-Xylenes
Concen: 0.474 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

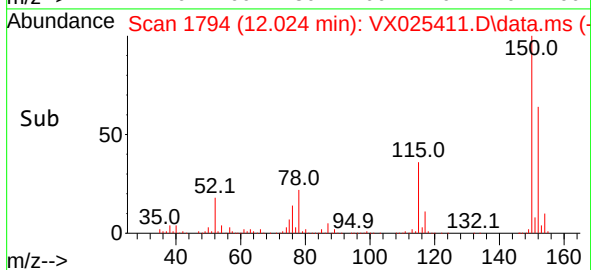
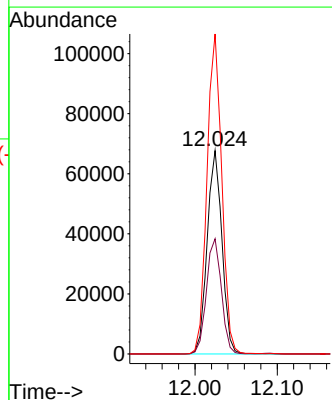
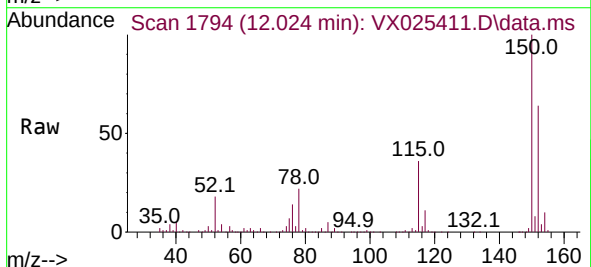
Instrument :
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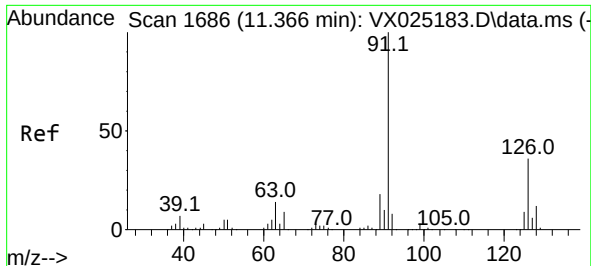
Tgt Ion:106 Resp: 1221
Ion Ratio Lower Upper
106 100
91 200.1 163.4 245.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

Tgt Ion:152 Resp: 84533
Ion Ratio Lower Upper
152 100
115 57.3 43.3 129.8
150 157.2 0.0 351.2

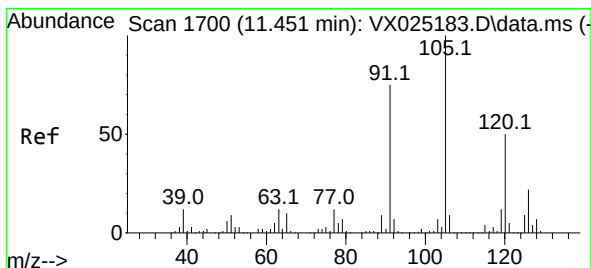
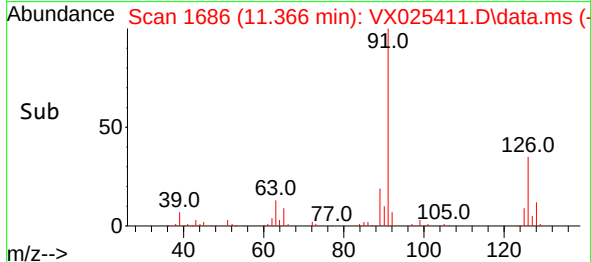
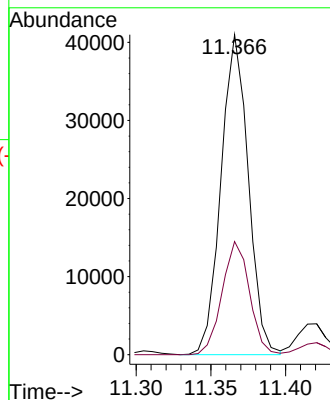
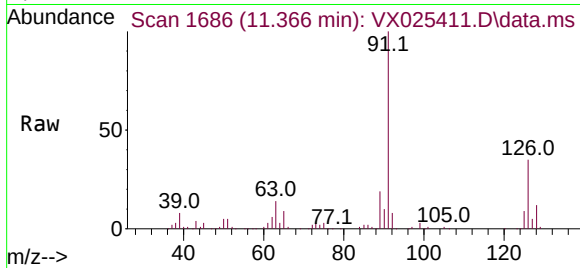




#79
2-Chlorotoluene
Concen: 12.640 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

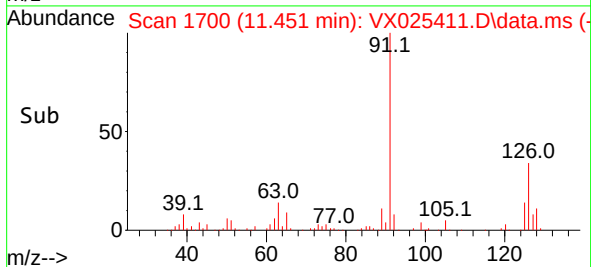
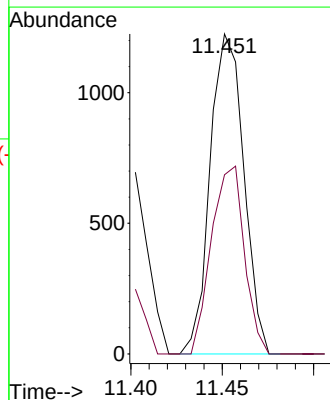
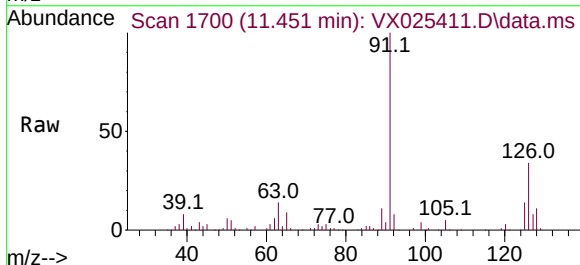
Instrument :
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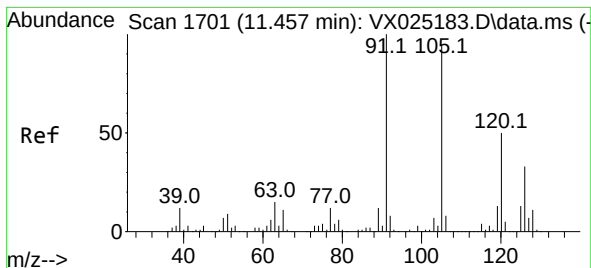
Tgt Ion: 91 Resp: 52040
Ion Ratio Lower Upper
91 100
126 35.5 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 0.310 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025411.D
Acq: 01 Dec 2021 14:25

Tgt Ion: 105 Resp: 1571
Ion Ratio Lower Upper
105 100
120 57.4 23.8 71.5





#82

4-Chlorotoluene

Concen: 7.402 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025411.D

Acq: 01 Dec 2021 14:25

Instrument :

MSVOA_X

ClientSampleId :

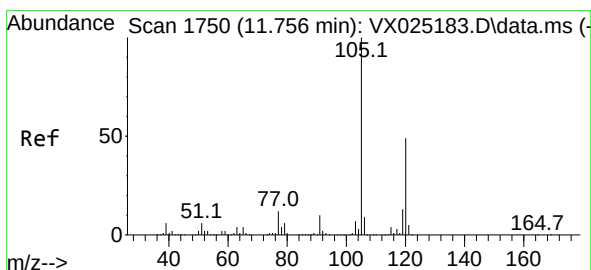
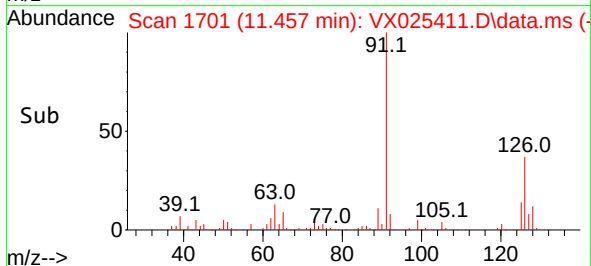
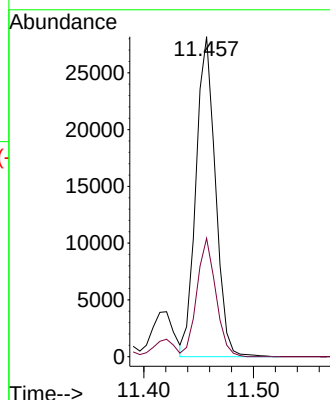
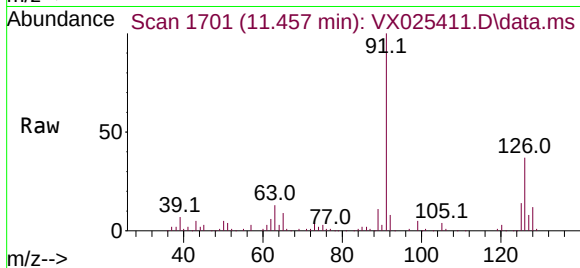
16952

Tgt Ion: 91 Resp: 34788

Ion Ratio Lower Upper

91 100

126 36.1 14.9 44.5



#84

1,2,4-Trimethylbenzene

Concen: 1.584 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX025411.D

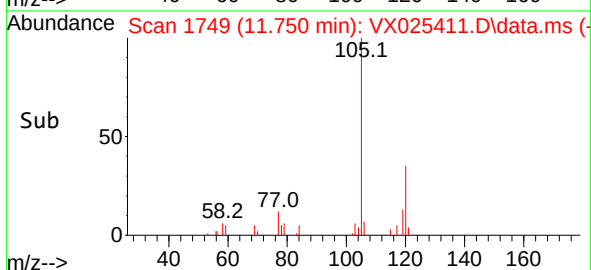
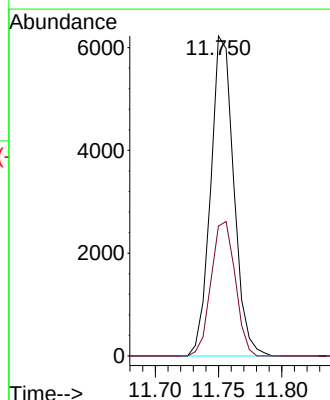
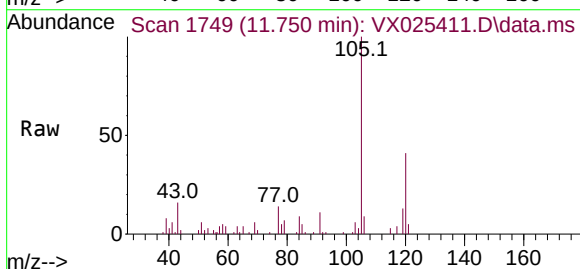
Acq: 01 Dec 2021 14:25

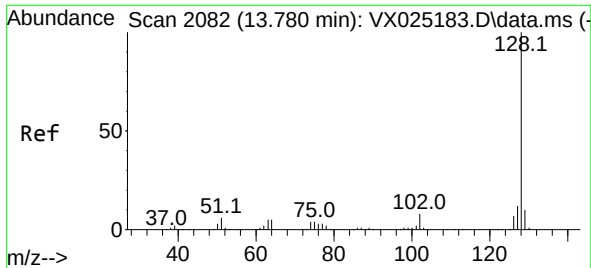
Tgt Ion: 105 Resp: 7926

Ion Ratio Lower Upper

105 100

120 43.7 22.1 66.3





#95

Naphthalene

Concen: 1.775 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX025411.D

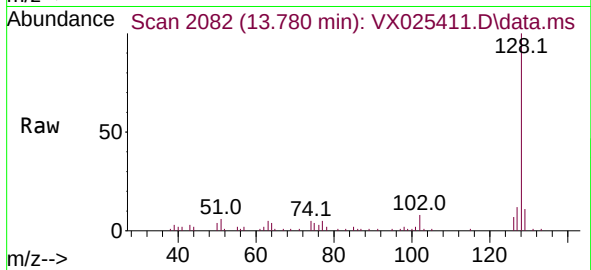
Acq: 01 Dec 2021 14:25

Instrument :

MSVOA_X

ClientSampleId :

16952



Tgt Ion:128 Resp: 12186

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.2 8.8 13.2

