

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026381.D
 Acq On : 06 Jan 2022 18:12
 Operator : JC/MD
 Sample : N1020-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 07 04:17:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

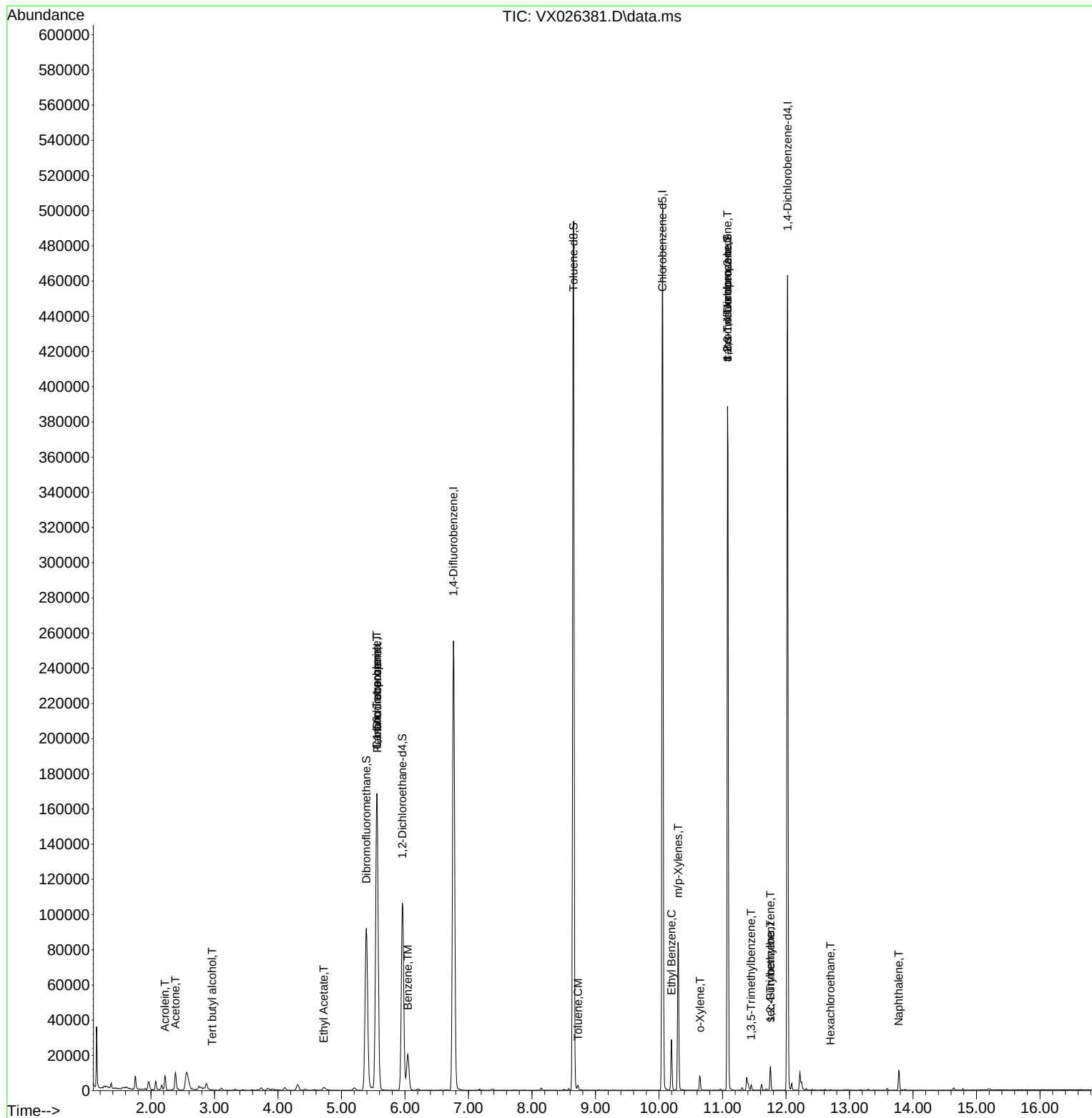
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	154959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106815	47.647	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.300%
35) Dibromofluoromethane	5.391	113	81618	48.910	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	8.653	98	295231	47.563	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.120%
62) 4-Bromofluorobenzene	11.079	95	107591	48.691	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	167	0.373	ug/l #	73
13) Acrolein	2.221	56	166	1.037	ug/l #	1
16) Acetone	2.386	43	11347	9.342	ug/l	97
20) Methylene Chloride	2.800	84	193	Below Cal	#	78
36) 1,1-Dichloropropene	5.556	75	12918	4.800	ug/l #	49
37) Ethyl Acetate	4.721	43	3458	1.108	ug/l #	90
38) Carbon Tetrachloride	5.556	117	16548	5.527	ug/l #	16
40) Benzene	6.044	78	23927	3.115	ug/l	99
52) Toluene	8.726	92	1047	0.221	ug/l	93
67) Ethyl Benzene	10.195	91	15590	1.807	ug/l	99
68) m/p-Xylenes	10.299	106	19544	6.068	ug/l	91
69) o-Xylene	10.647	106	1881	0.597	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	54781	24.820	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	1647	0.279	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	54781	71.806	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.756	105	6204	1.053	ug/l	96
85) sec-Butylbenzene	11.756	105	6204	0.868	ug/l #	56
90) Hexachloroethane	12.701	117	240	0.202	ug/l #	14
95) Naphthalene	13.774	128	7915	1.120	ug/l	98

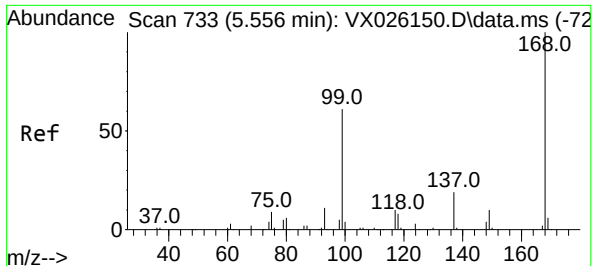
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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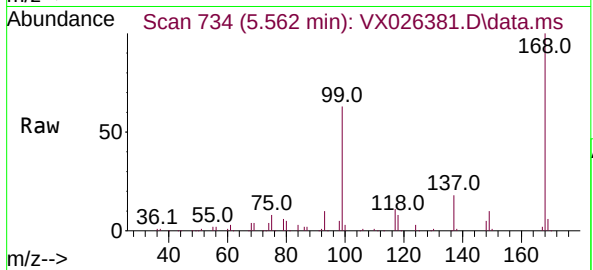
Quant Time: Jan 07 04:17:28 2022
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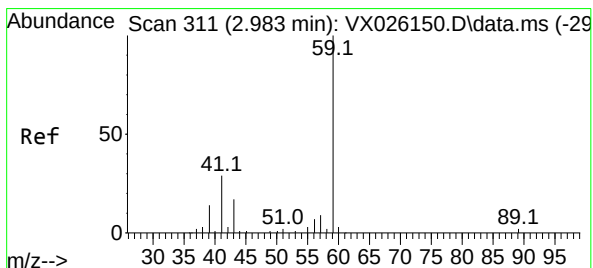
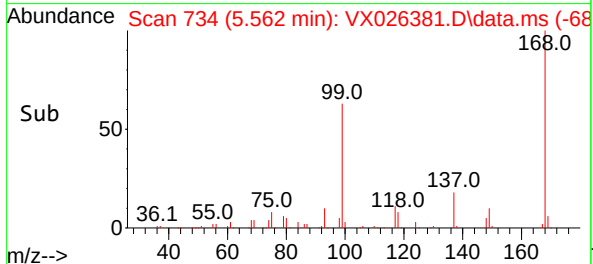
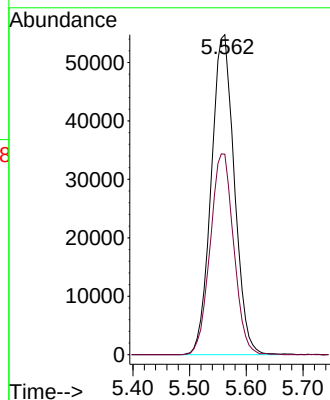


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

Instrument :
MSVOA_X
ClientSampleId :

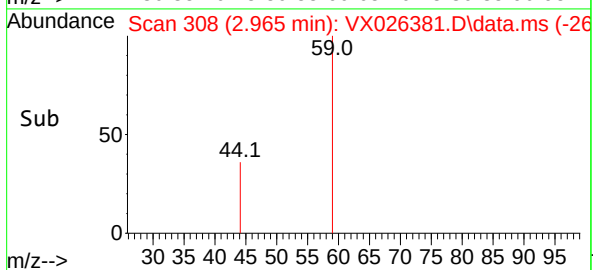
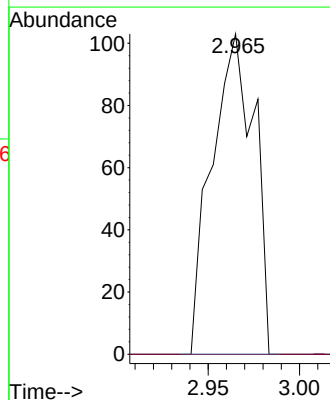
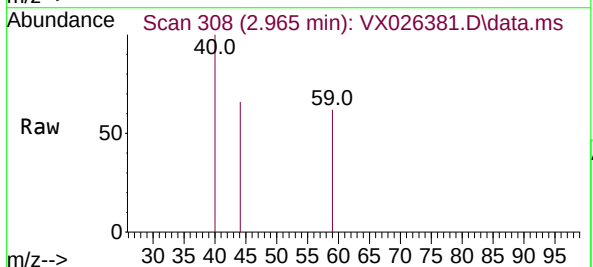


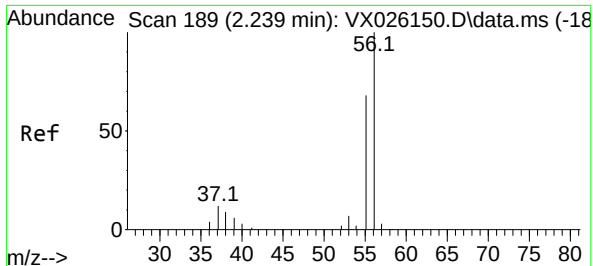
Tgt Ion:168 Resp: 154959
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.8



#11
Tert butyl alcohol
Concen: 0.373 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

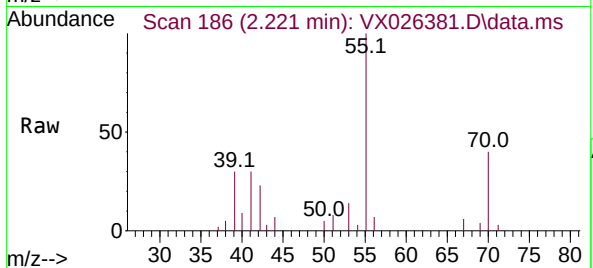
Tgt Ion: 59 Resp: 167
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



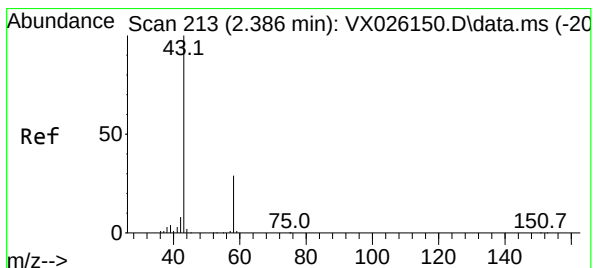
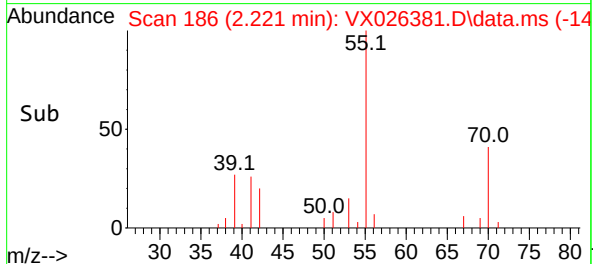
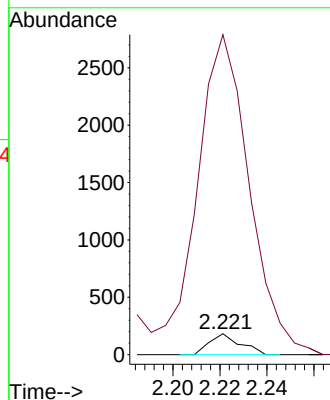


#13
Acrolein
Concen: 1.037 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

Instrument :
MSVOA_X
ClientSampleId :

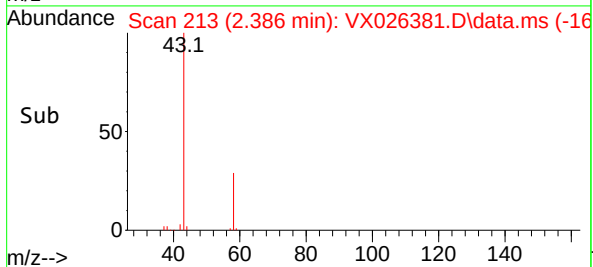
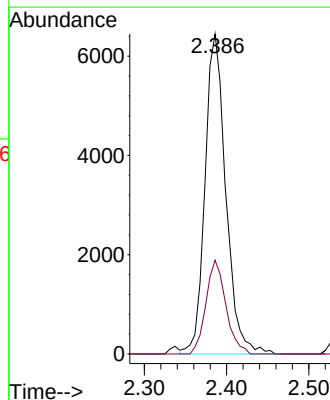
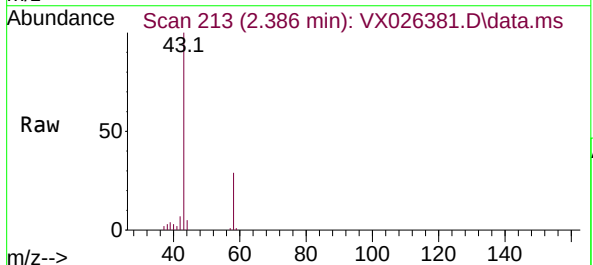


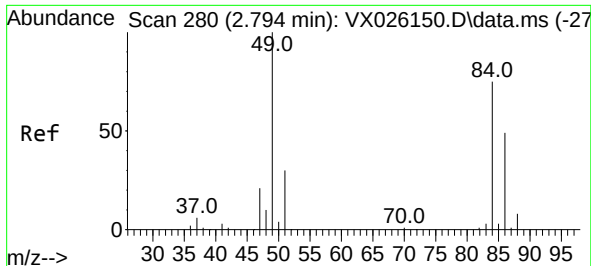
Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 2591.0 57.4 86.2#



#16
Acetone
Concen: 9.342 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

Tgt Ion: 43 Resp: 11347
Ion Ratio Lower Upper
43 100
58 29.3 24.8 37.2





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 21

Delta R.T. 0.006 min

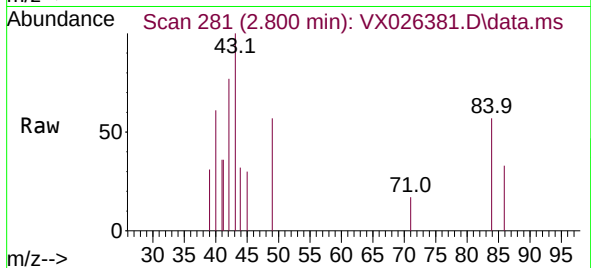
Lab File: VX026381.D

Acq: 06 Jan 2022 18:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 193

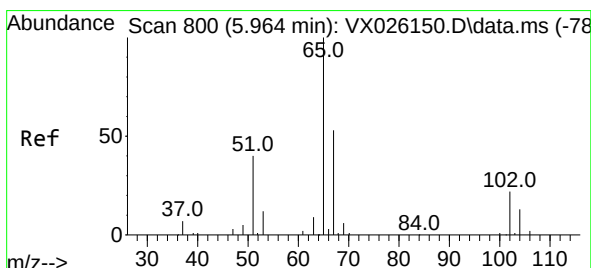
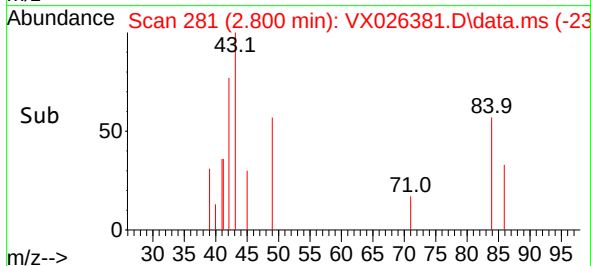
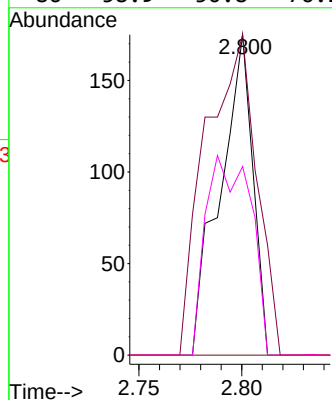
Ion Ratio Lower Upper

84 100

49 100.0 97.1 145.7

51 0.0 29.3 43.9#

86 58.9 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 47.647 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026381.D

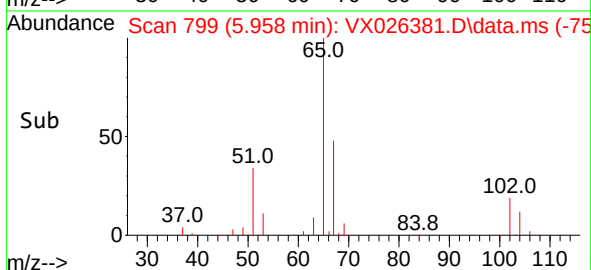
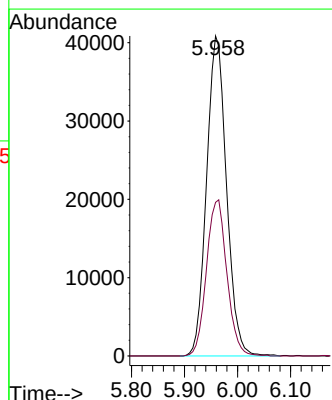
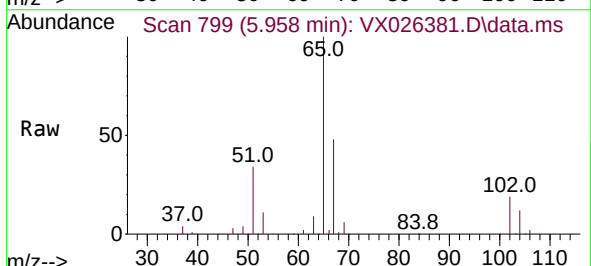
Acq: 06 Jan 2022 18:12

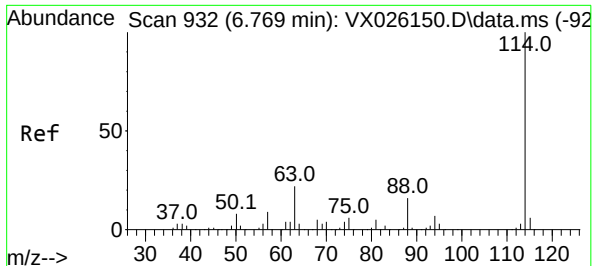
Tgt Ion: 65 Resp: 106815

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.4

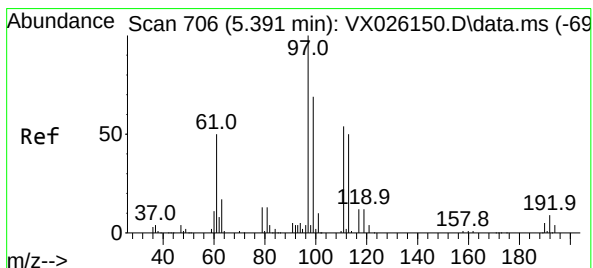
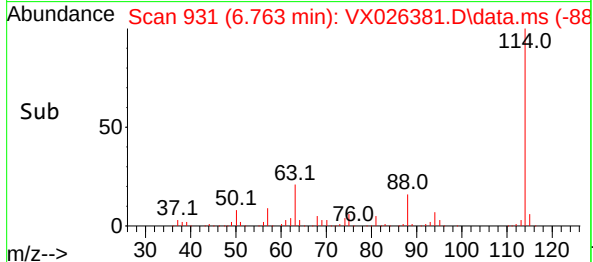
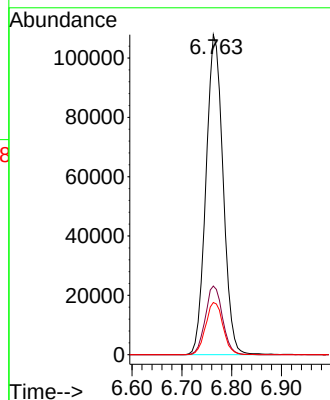
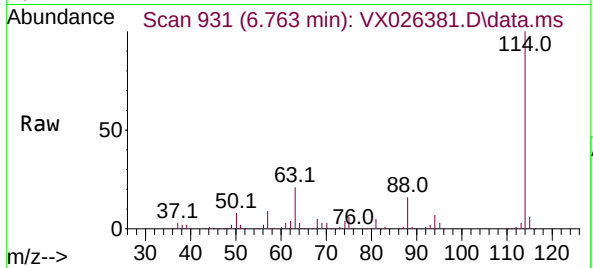




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

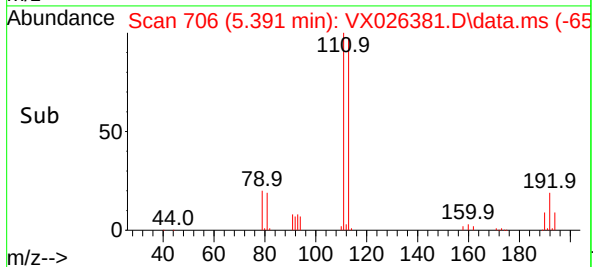
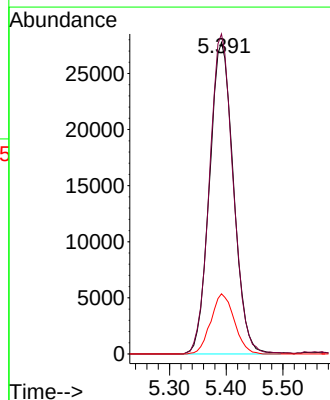
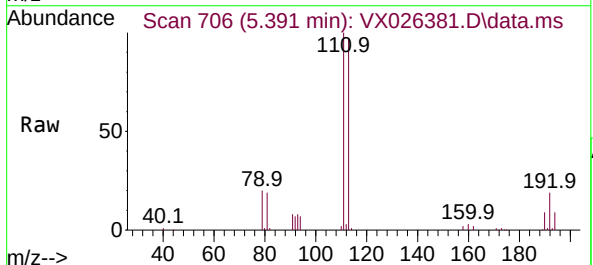
Instrument :
MSVOA_X
ClientSampleId :

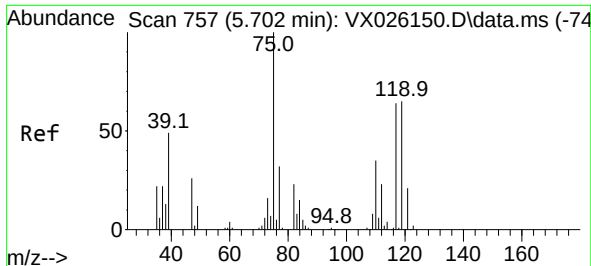
Tgt Ion:114 Resp: 256678
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.910 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

Tgt Ion:113 Resp: 81618
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 18.9 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.800 ug/l

RT: 5.556 min Scan# 757

Delta R.T. -0.146 min

Lab File: VX026381.D

Acq: 06 Jan 2022 18:12

Instrument :

MSVOA_X

ClientSampleId :

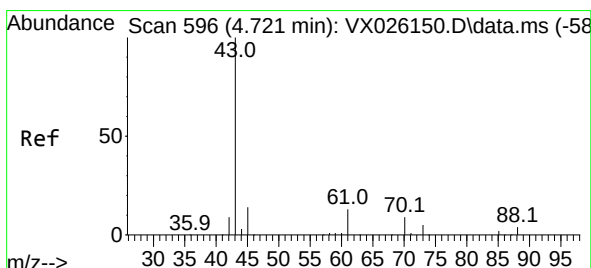
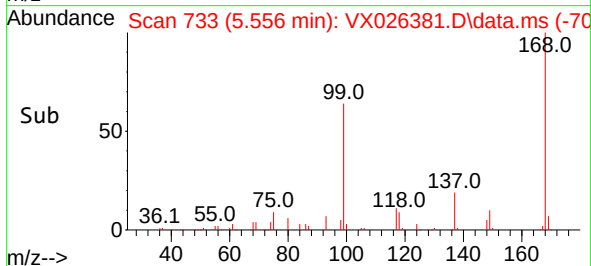
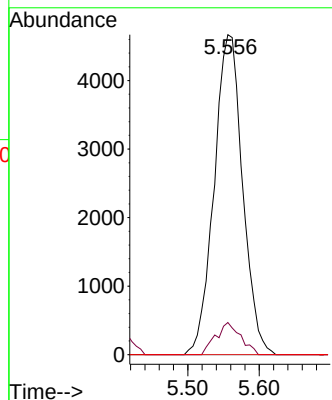
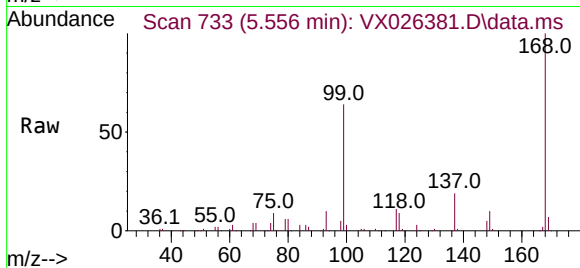
Tgt Ion: 75 Resp: 12918

Ion Ratio Lower Upper

75 100

110 8.8 18.2 54.6#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.108 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX026381.D

Acq: 06 Jan 2022 18:12

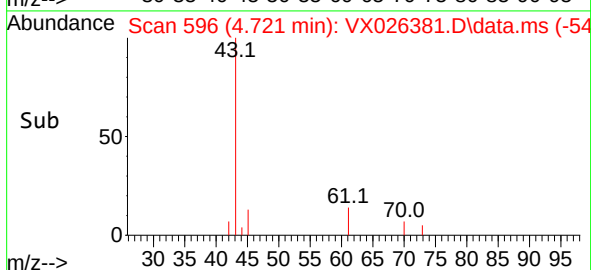
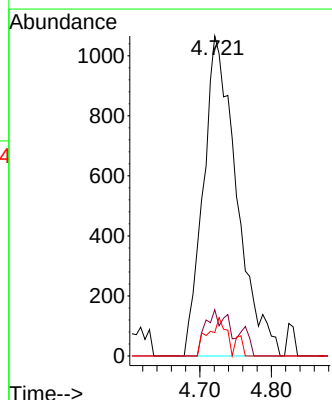
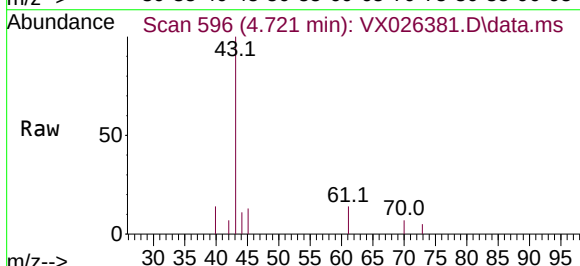
Tgt Ion: 43 Resp: 3458

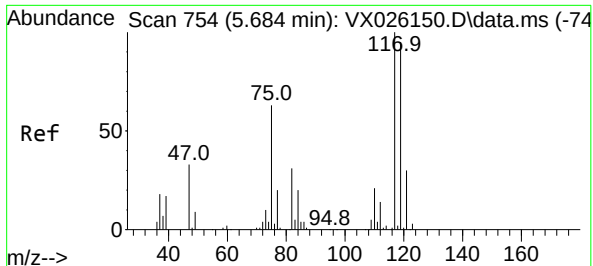
Ion Ratio Lower Upper

43 100

61 10.0 10.7 16.1#

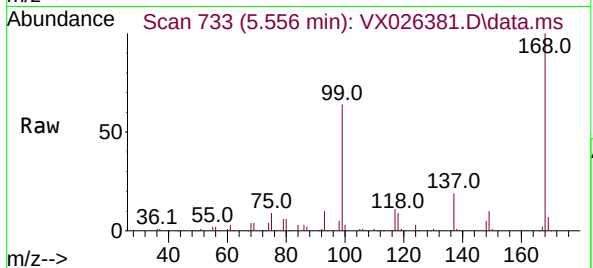
70 6.4 8.5 12.7#



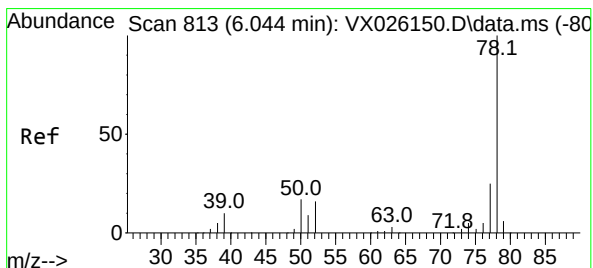
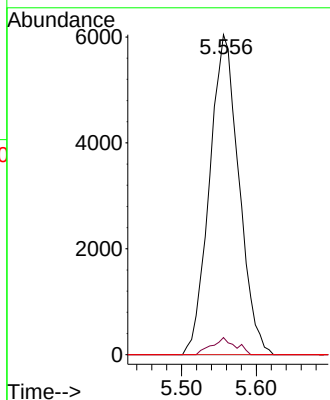
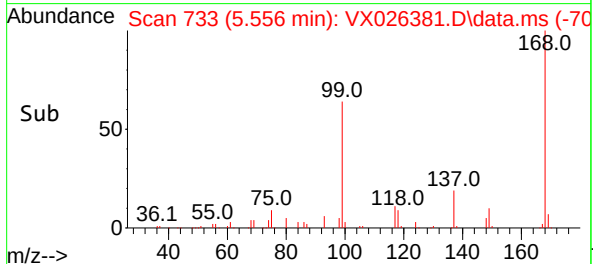


#38
Carbon Tetrachloride
Concen: 5.527 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

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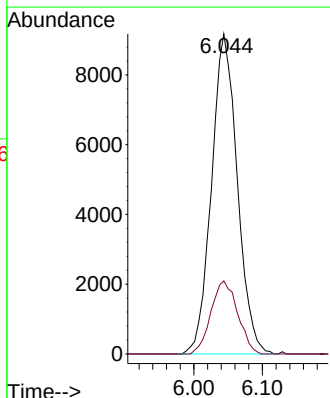
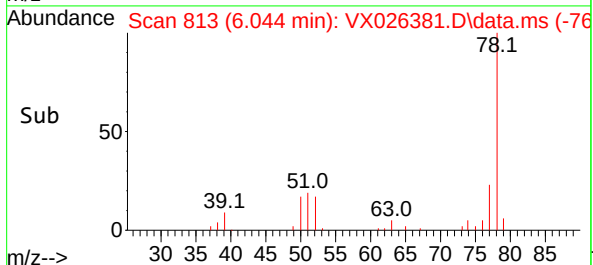
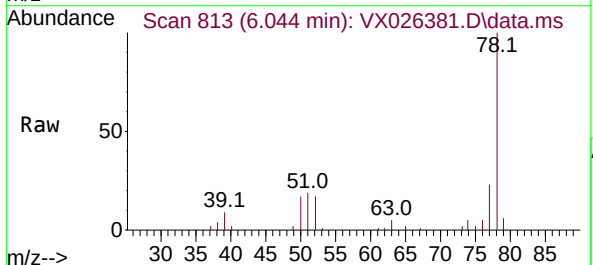


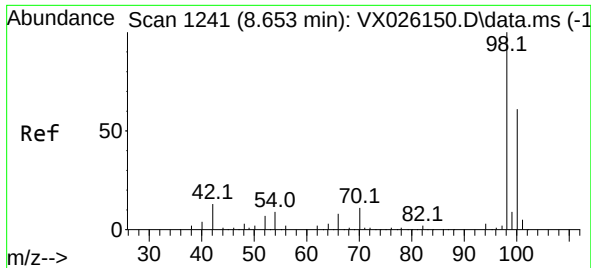
Tgt Ion:117 Resp: 16548
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 23.8 35.8#



#40
Benzene
Concen: 3.115 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

Tgt Ion: 78 Resp: 23927
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8





#50

Toluene-d8

Concen: 47.563 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026381.D

Acq: 06 Jan 2022 18:12

Instrument :

MSVOA_X

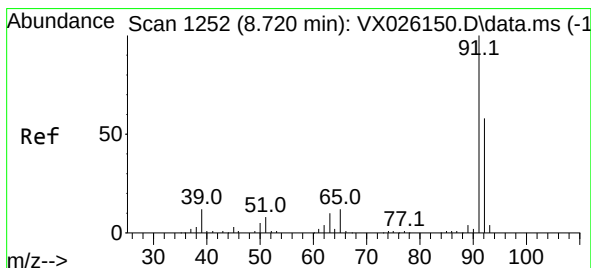
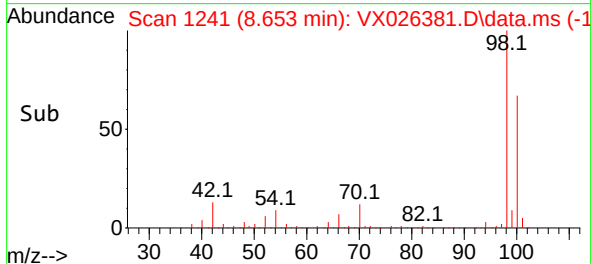
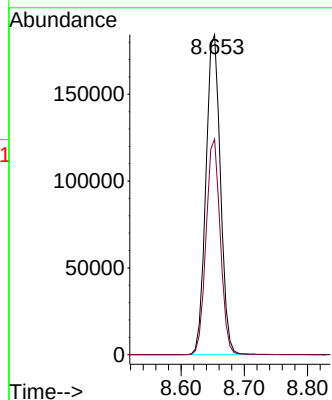
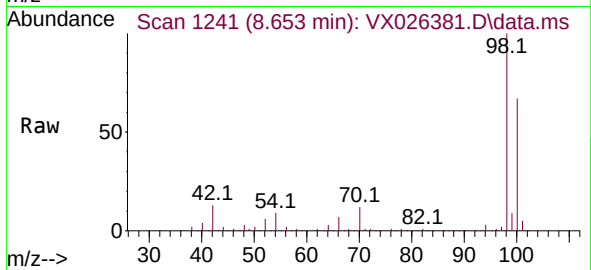
ClientSampleId :

Tgt Ion: 98 Resp: 295231

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#52

Toluene

Concen: 0.221 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX026381.D

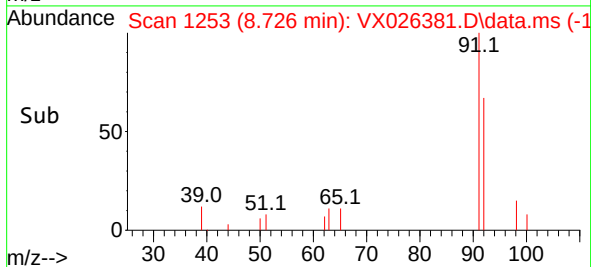
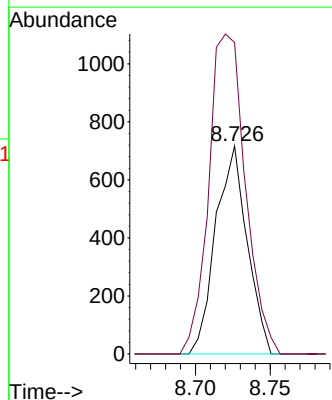
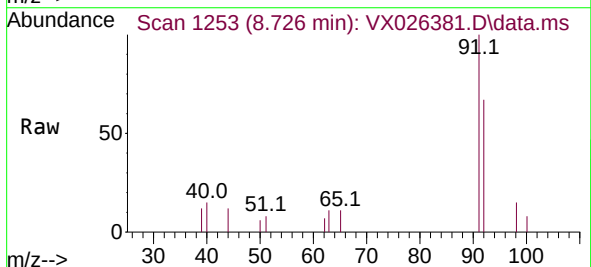
Acq: 06 Jan 2022 18:12

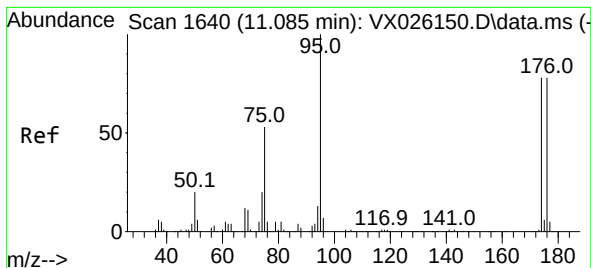
Tgt Ion: 92 Resp: 1047

Ion Ratio Lower Upper

92 100

91 179.7 136.0 204.0





#62

4-Bromofluorobenzene

Concen: 48.691 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026381.D

Acq: 06 Jan 2022 18:12

Instrument :

MSVOA_X

ClientSampleId :

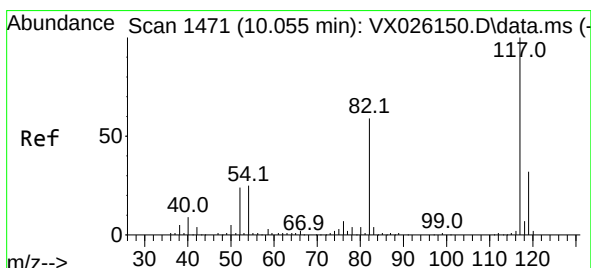
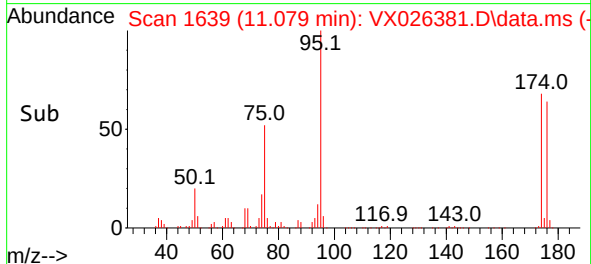
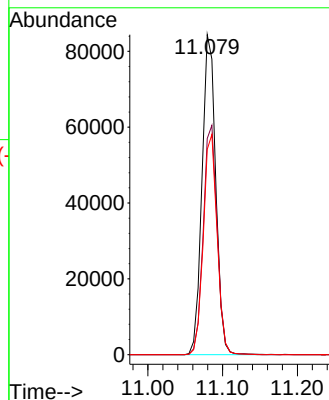
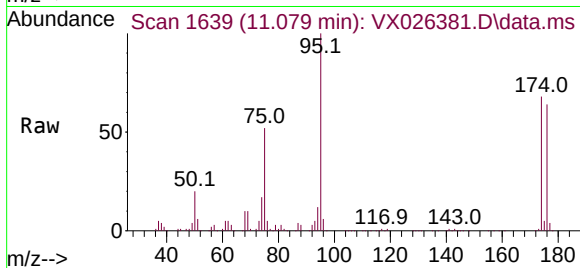
Tgt Ion: 95 Resp: 107591

Ion Ratio Lower Upper

95 100

174 72.5 0.0 157.4

176 69.1 0.0 154.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026381.D

Acq: 06 Jan 2022 18:12

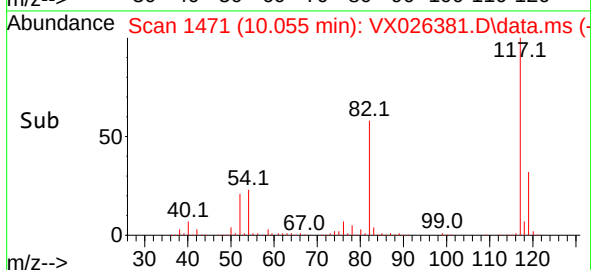
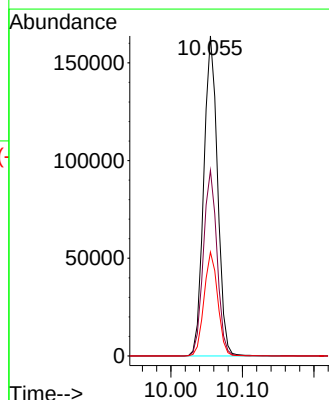
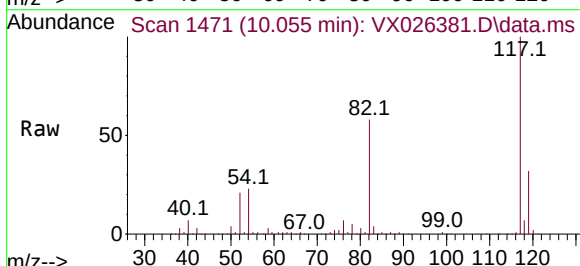
Tgt Ion: 117 Resp: 219597

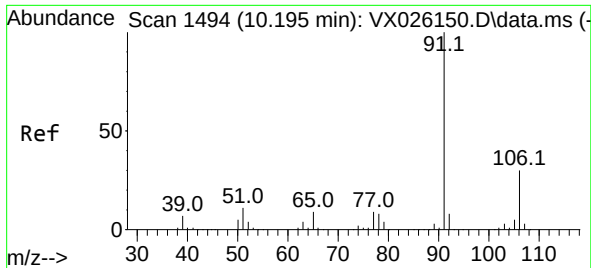
Ion Ratio Lower Upper

117 100

82 58.0 43.8 65.6

119 32.5 25.2 37.8





#67

Ethyl Benzene

Concen: 1.807 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026381.D

Acq: 06 Jan 2022 18:12

Instrument :

MSVOA_X

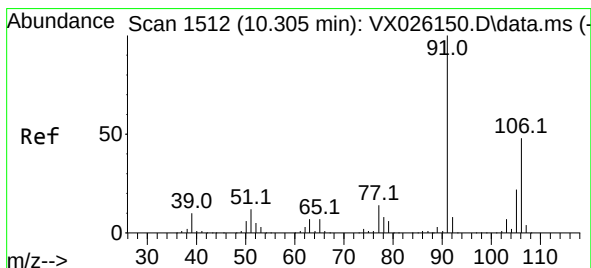
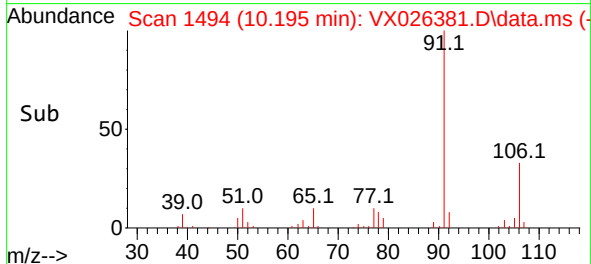
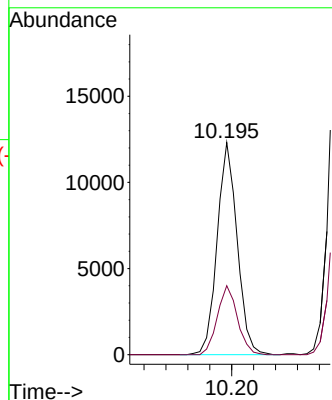
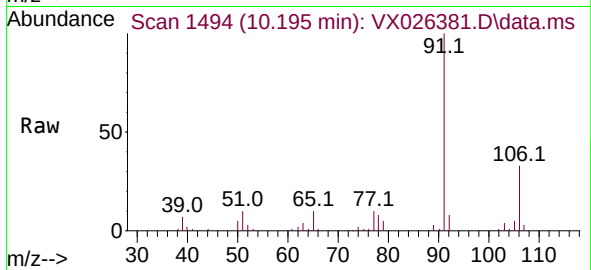
ClientSampleId :

Tgt Ion: 91 Resp: 15590

Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5



#68

m/p-Xylenes

Concen: 6.068 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX026381.D

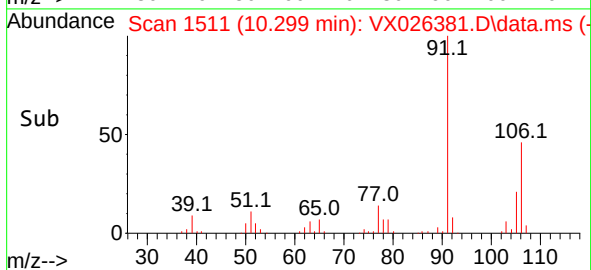
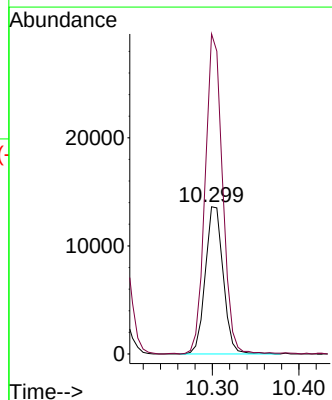
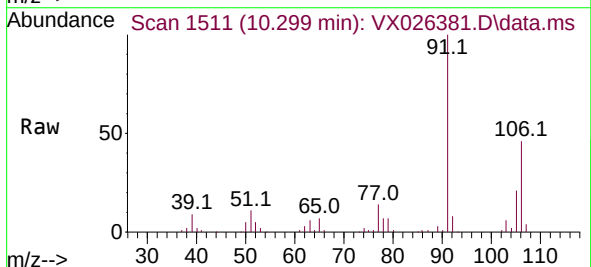
Acq: 06 Jan 2022 18:12

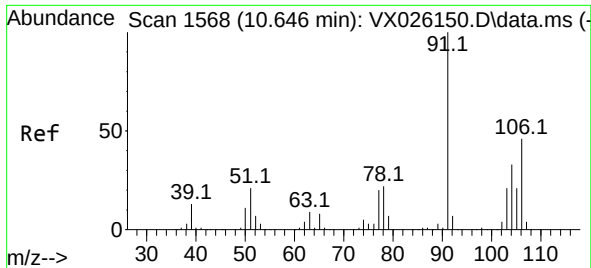
Tgt Ion:106 Resp: 19544

Ion Ratio Lower Upper

106 100

91 211.9 158.6 238.0

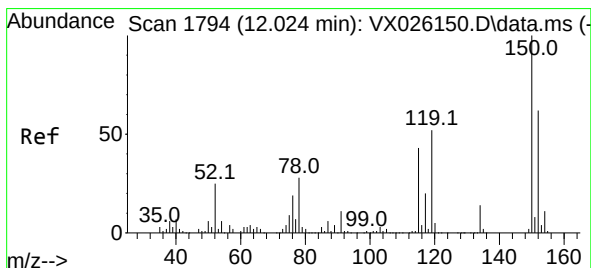
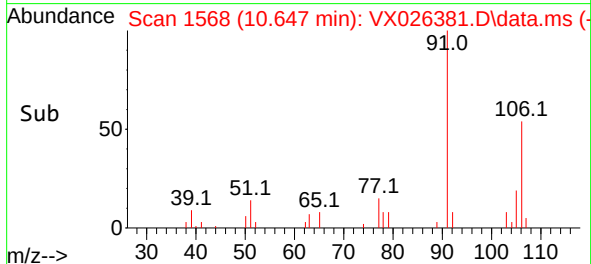
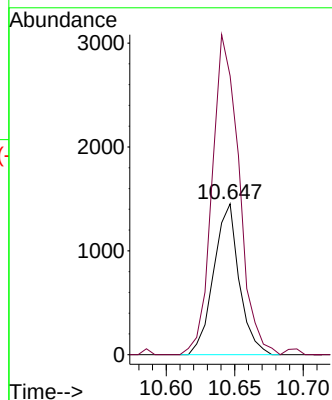
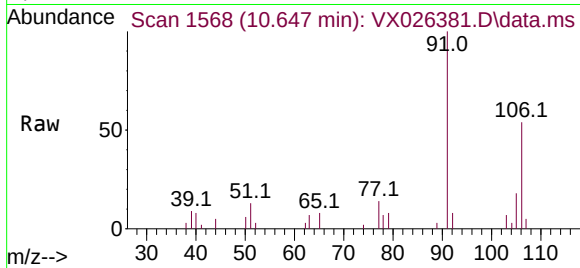




#69
o-Xylene
Concen: 0.597 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

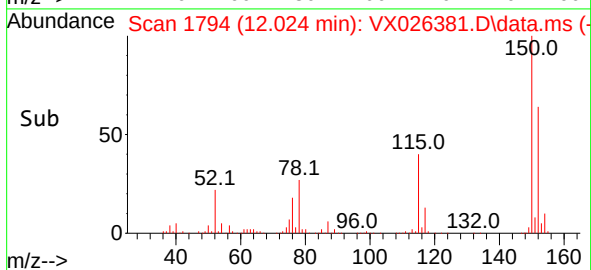
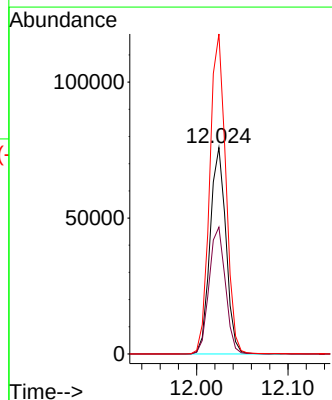
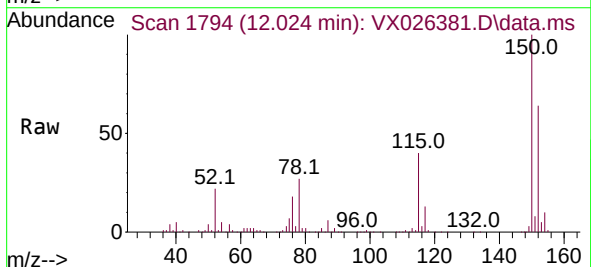
Instrument :
MSVOA_X
ClientSampleId :

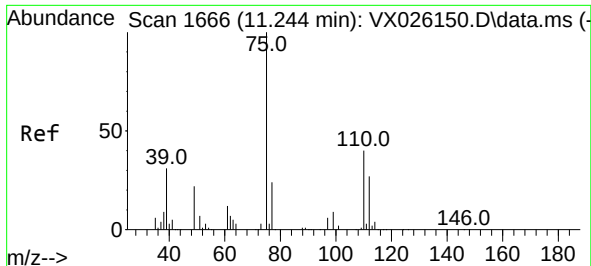
Tgt Ion:106 Resp: 1881
Ion Ratio Lower Upper
106 100
91 223.8 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

Tgt Ion:152 Resp: 91438
Ion Ratio Lower Upper
152 100
115 63.0 41.3 123.9
150 157.6 0.0 351.8

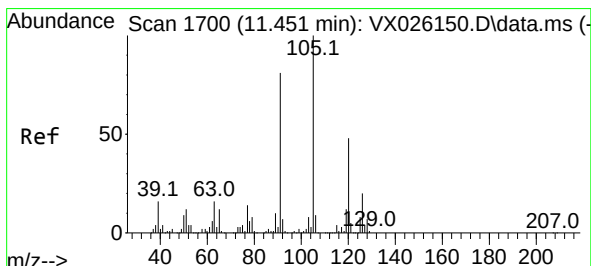
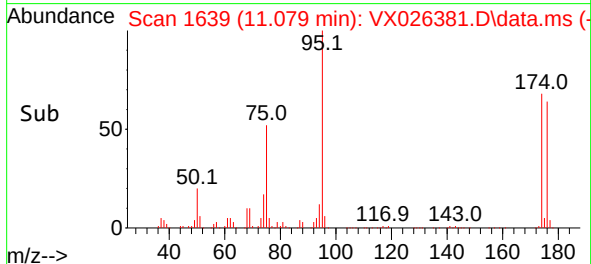
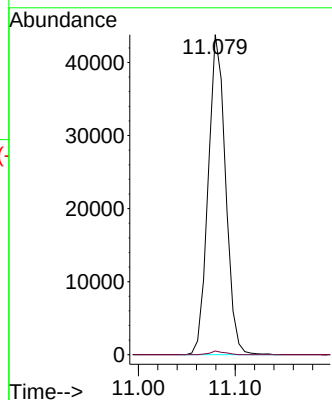
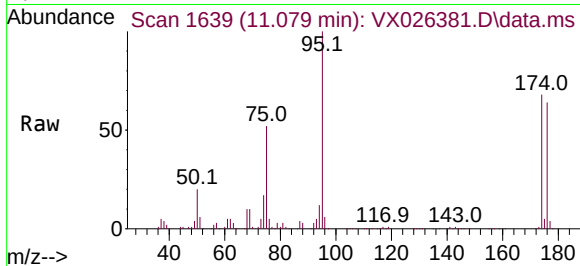




#76
1,2,3-Trichloropropane
Concen: 24.820 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.165 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

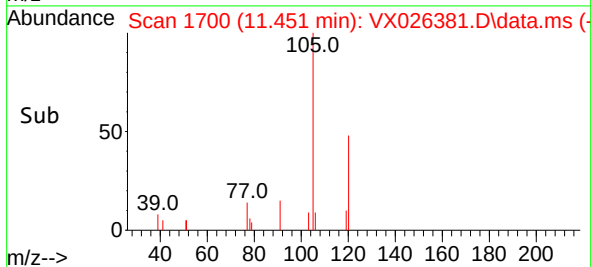
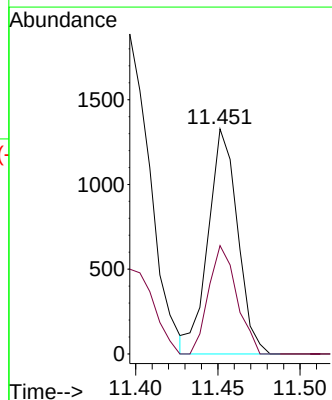
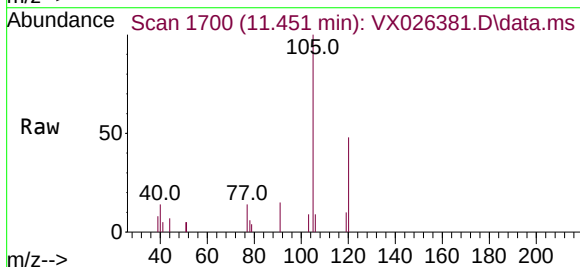
Instrument :
MSVOA_X
ClientSampleId :

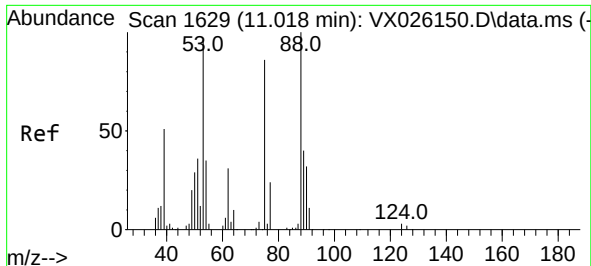
Tgt Ion: 75 Resp: 54781
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.279 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

Tgt Ion: 105 Resp: 1647
Ion Ratio Lower Upper
105 100
120 46.1 24.9 74.7

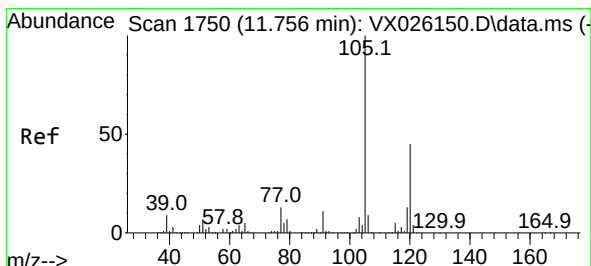
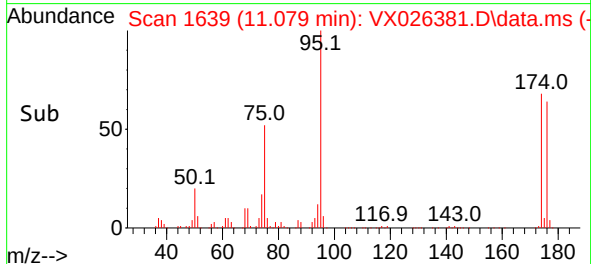
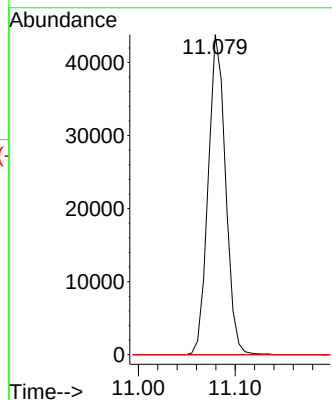
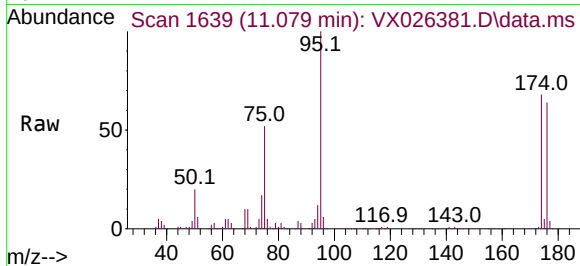




#81
trans-1,4-Dichloro-2-butene
Concen: 71.806 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

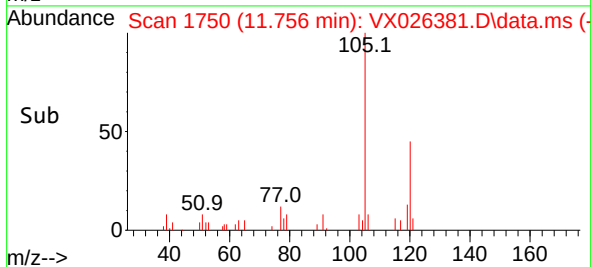
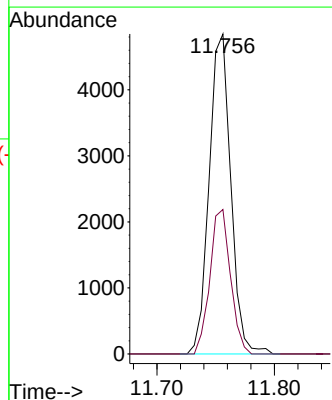
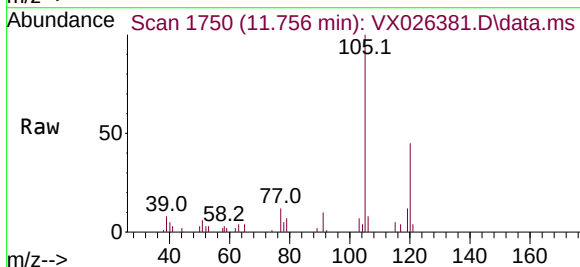
Instrument :
MSVOA_X
ClientSampleId :

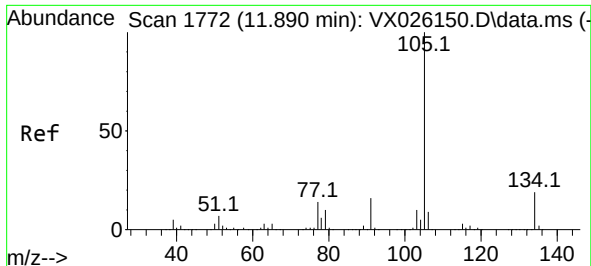
Tgt Ion: 75 Resp: 54781
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 1.053 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX026381.D
Acq: 06 Jan 2022 18:12

Tgt Ion: 105 Resp: 6204
Ion Ratio Lower Upper
105 100
120 43.0 22.9 68.7

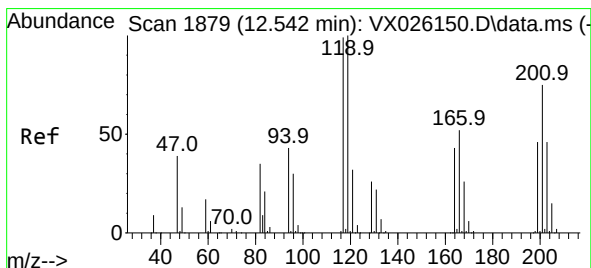
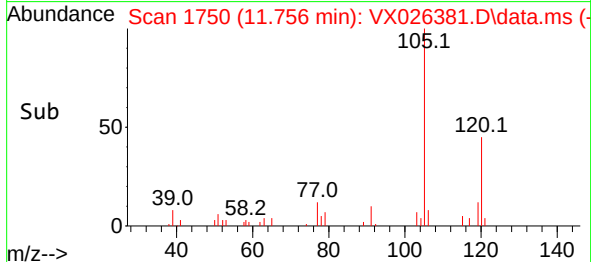
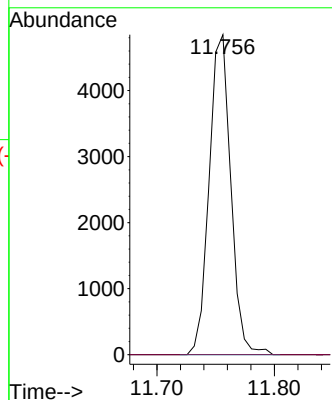
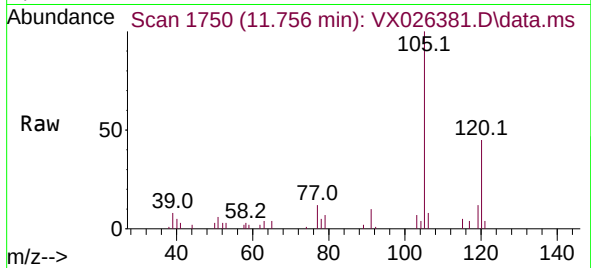




#85
 sec-Butylbenzene
 Concen: 0.868 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX026381.D
 Acq: 06 Jan 2022 18:12

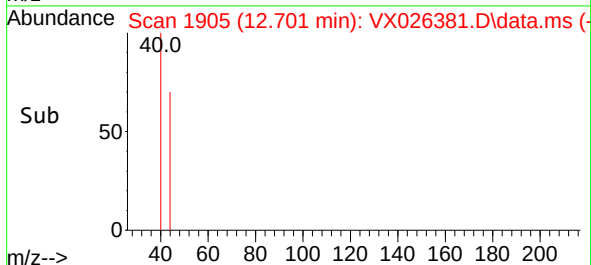
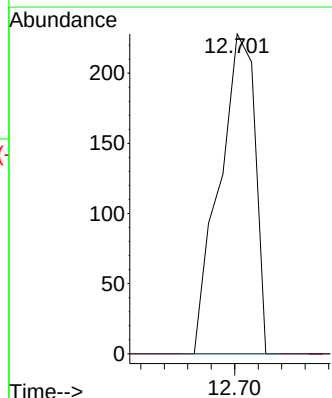
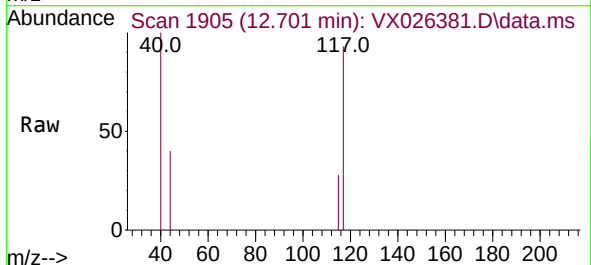
Instrument :
 MSVOA_X
 ClientSampleId :

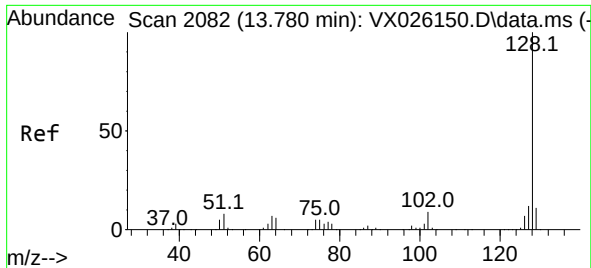
Tgt Ion:105 Resp: 6204
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#90
 Hexachloroethane
 Concen: 0.202 ug/l
 RT: 12.701 min Scan# 1905
 Delta R.T. 0.159 min
 Lab File: VX026381.D
 Acq: 06 Jan 2022 18:12

Tgt Ion:117 Resp: 240
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.4 106.3#





#95

Naphthalene

Concen: 1.120 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

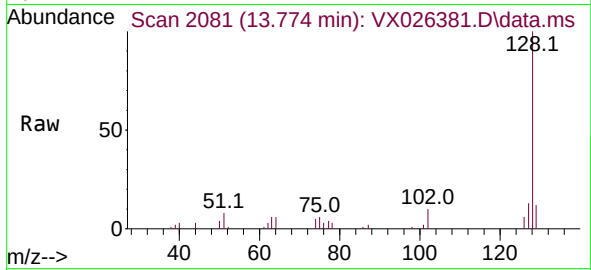
Lab File: VX026381.D

Acq: 06 Jan 2022 18:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 7915

Ion Ratio Lower Upper

128 100

127 11.8 10.3 15.5

129 11.2 8.8 13.2

