

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022880.D
 Acq On : 18 Oct 2021 20:39
 Operator : SY/MD
 Sample : M4200-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF2

Quant Time: Oct 19 01:46:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116655	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34631	4.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.568	69	34003	4.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.108	63	48745	3.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.886	46	115671	54.965	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.920%
24) Chloroform-d	4.352	84	92290	5.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
26) 1,2-Dichloroethane-d4	5.034	65	44569	5.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	5.053	84	177539	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.072	67	59485	5.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.317	98	151376	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.625	79	17576	4.937	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.088	63	91953	64.095	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41407	5.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	66699	6.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.800%#
Target Compounds						
3) Chloromethane	1.240	50	493	0.058	ug/L	99
12) 1,1-Dichloroethene	2.105	96	481	0.068	ug/L #	1
13) Acetone	2.349	43	1950782	1662.377	ug/L	73
15) Methyl Acetate	2.349	43	2084145	620.714	ug/L #	50
33) Benzene	5.108	78	19032	0.581	ug/L	100
35) Methylcyclohexane	6.072	83	13934	1.116	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	6120	0.776	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1343	0.129	ug/L #	74
42) Toluene	7.391	91	191019	5.739	ug/L	100
48) 2-Hexanone	8.088	43	11353	3.665	ug/L #	66
52) Ethylbenzene	9.018	91	18763	0.555	ug/L	94
53) m,p-xylene	9.140	106	25712	1.939	ug/L	99
54) o-xylene	9.548	106	6773	0.543	ug/L	85
60) Isopropylbenzene	9.545	105	2869	0.096	ug/L #	24
61) 1,2,3-Trichloropropane	11.252	75	6544	1.595	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.542	105	1341	0.055	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	7665	0.316	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.249	75	270	0.361	ug/L #	1
71) Naphthalene	13.509	128	3305	0.229	ug/L #	92

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 01:43:03 2021
Response via : Initial Calibration

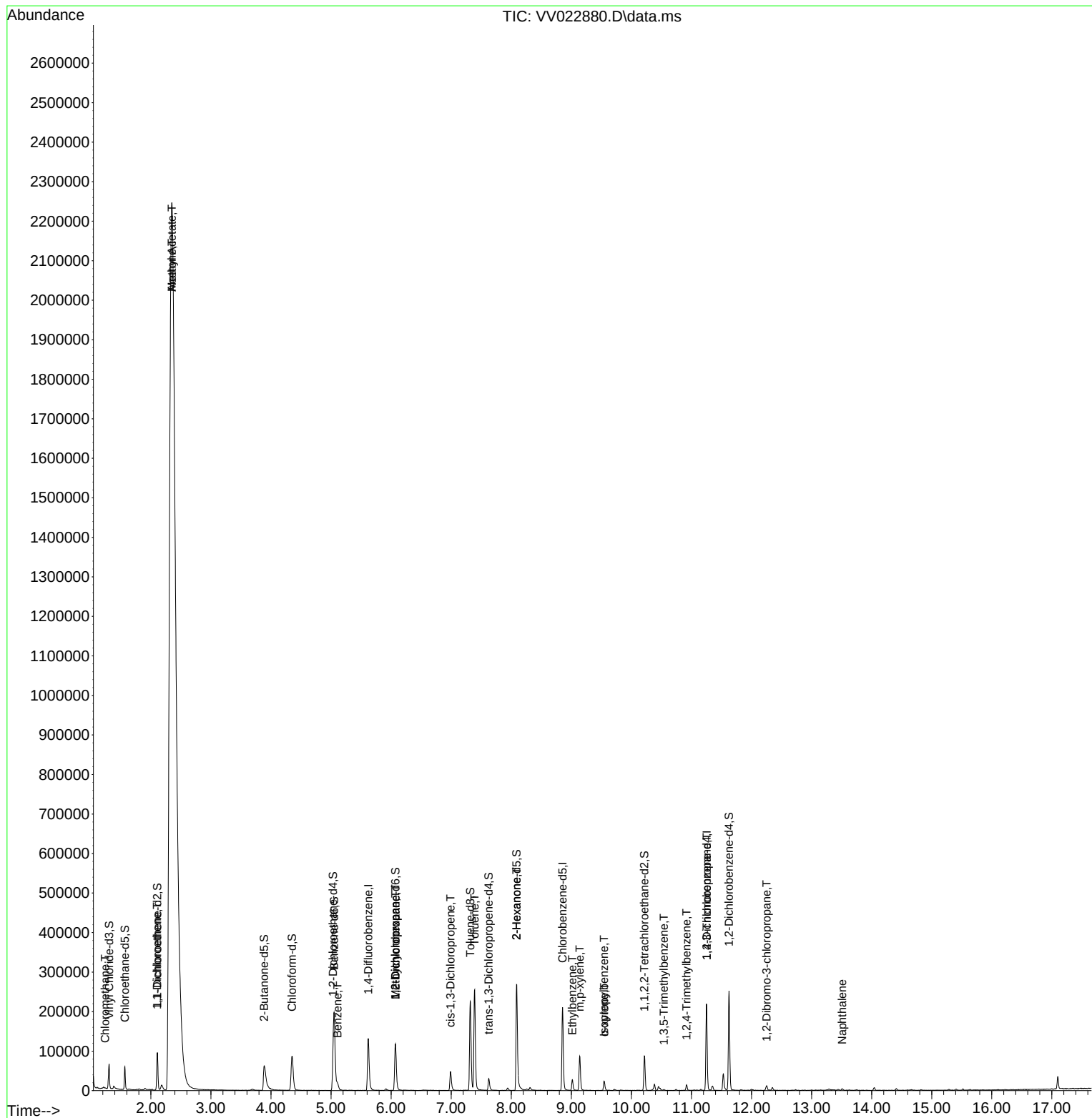
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

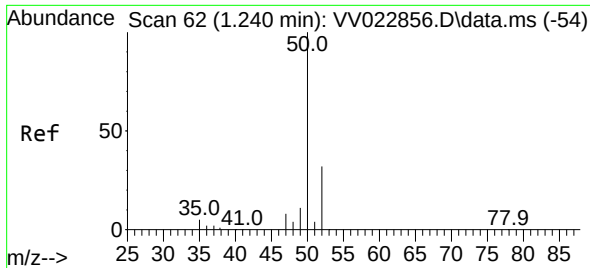
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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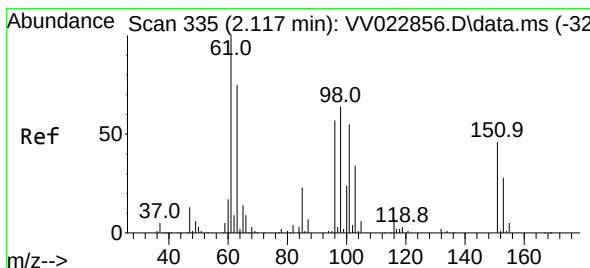
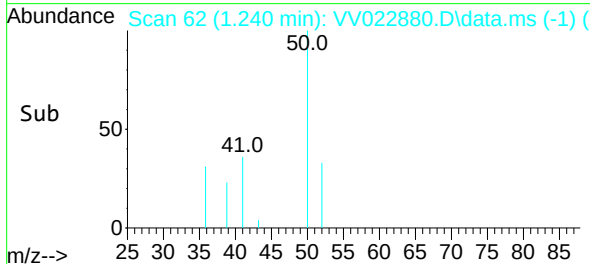
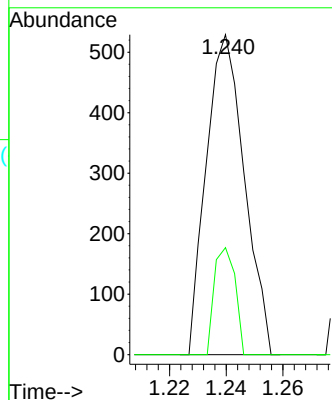
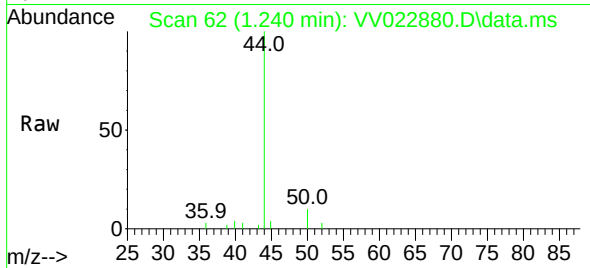




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

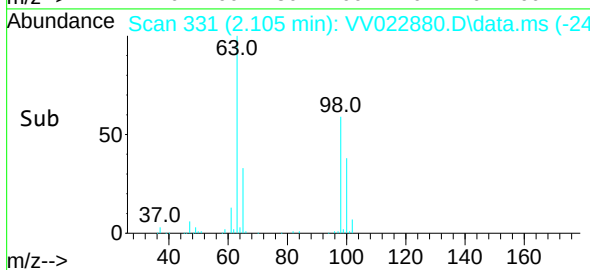
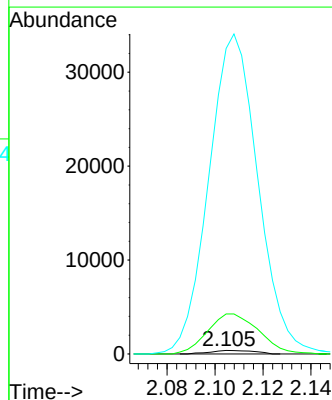
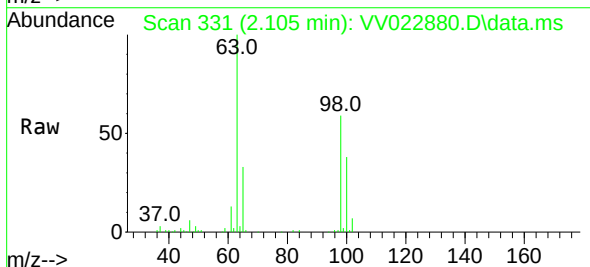
Instrument :
MSVOA_V
ClientSampled :
BFGF2

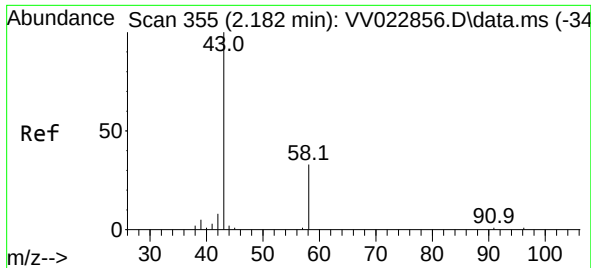
Tgt Ion: 50 Resp: 493
Ion Ratio Lower Upper
50 100
52 33.5 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion: 96 Resp: 481
Ion Ratio Lower Upper
96 100
61 1137.9 127.3 236.5#
63 8676.3 106.2 197.2#

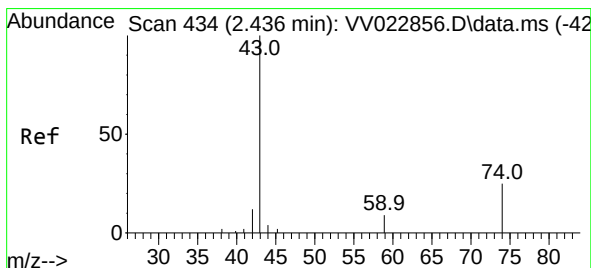
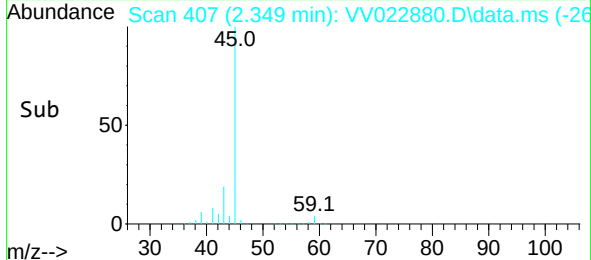
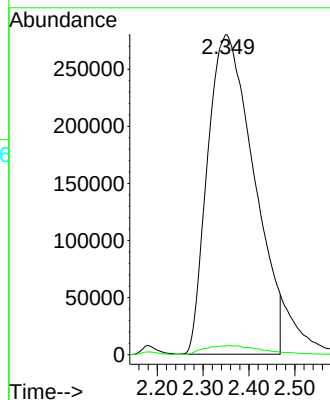
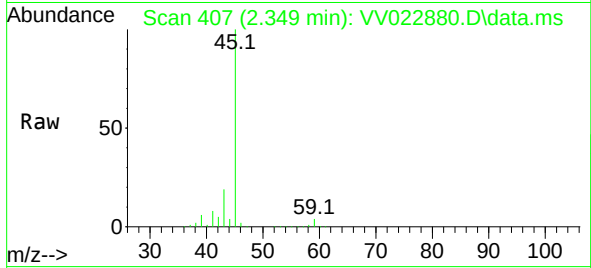




#13
Acetone
Concen: 1662.377 ug/L
RT: 2.349 min Scan# 407
Delta R.T. 0.167 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

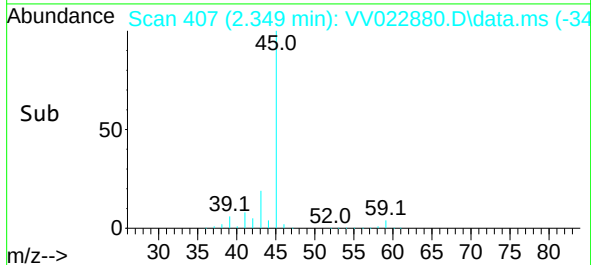
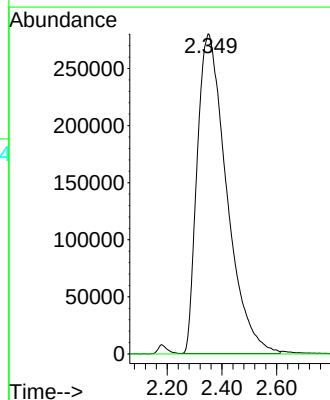
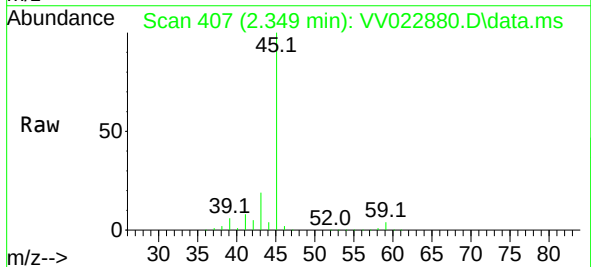
Instrument :
MSVOA_V
ClientSampleId :
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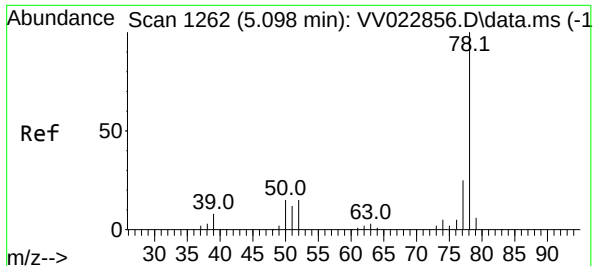
Tgt Ion: 43 Resp: 1950782
Ion Ratio Lower Upper
43 100
58 1.7 0.0 24.2



#15
Methyl Acetate
Concen: 620.714 ug/L
RT: 2.349 min Scan# 407
Delta R.T. -0.087 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion: 43 Resp: 2084145
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#

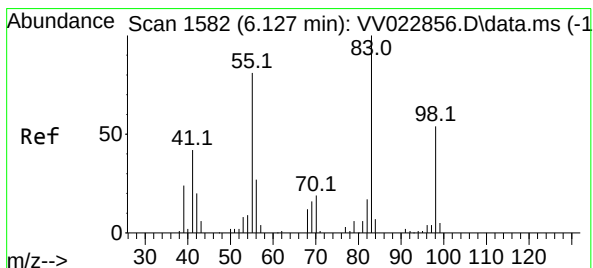
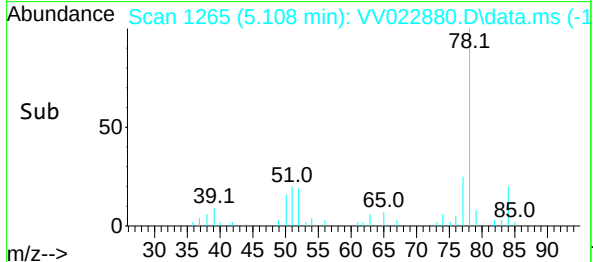
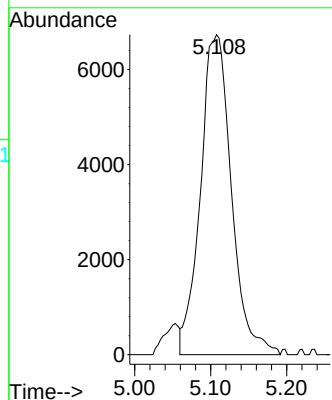
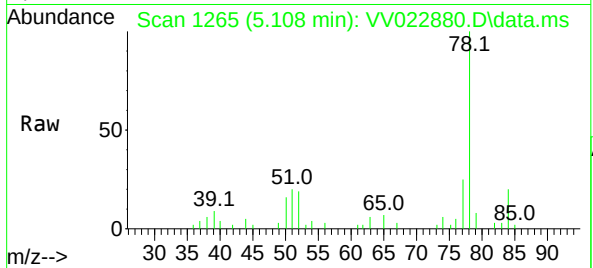




#33
Benzene
Concen: 0.581 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

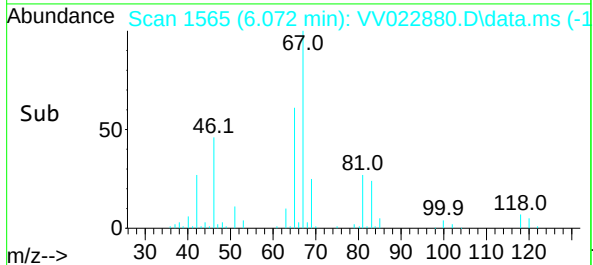
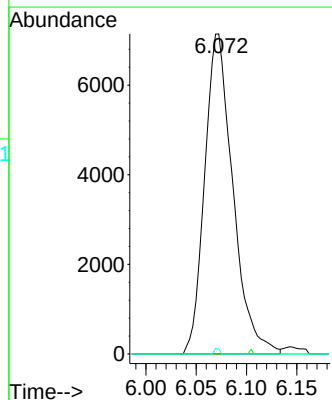
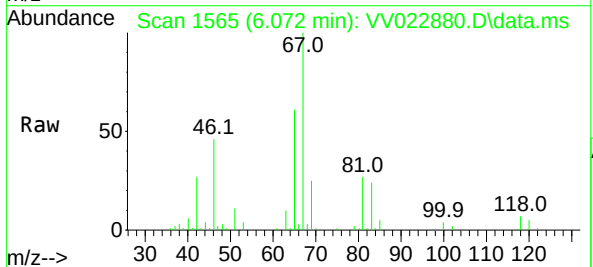
Instrument :
MSVOA_V
ClientSampled :
BFGF2

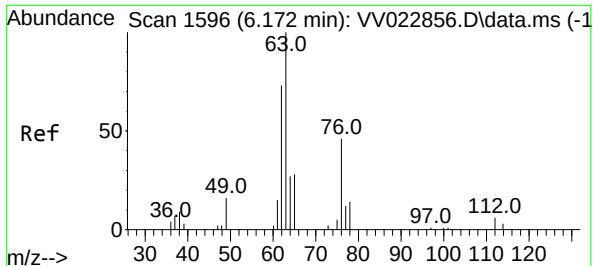
Tgt Ion: 78 Resp: 19032



#35
Methylcyclohexane
Concen: 1.116 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion: 83 Resp: 13934
Ion Ratio Lower Upper
83 100
55 0.1 63.8 95.6#
98 0.3 42.1 63.1#





#37

1,2-Dichloropropane

Concen: 0.776 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV022880.D

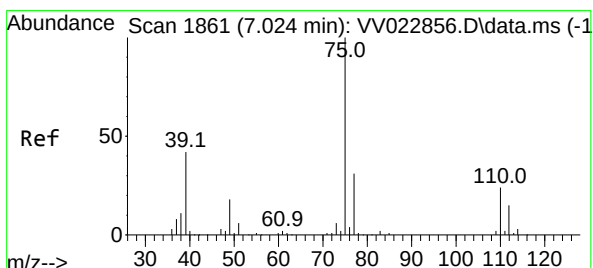
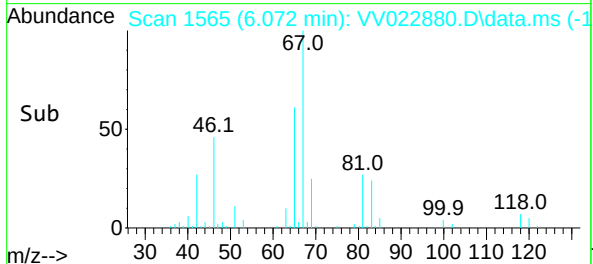
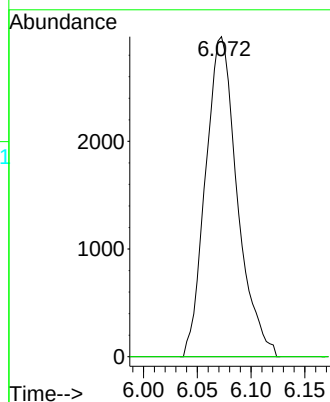
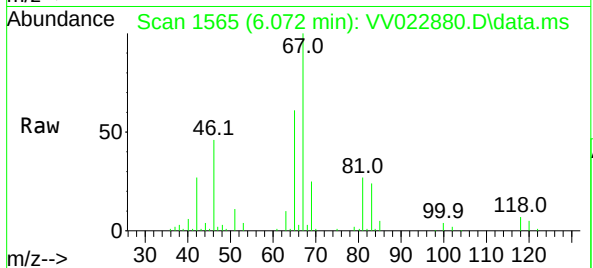
Acq: 18 Oct 2021 20:39

Tgt Ion: 63 Resp: 6120

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV022880.D

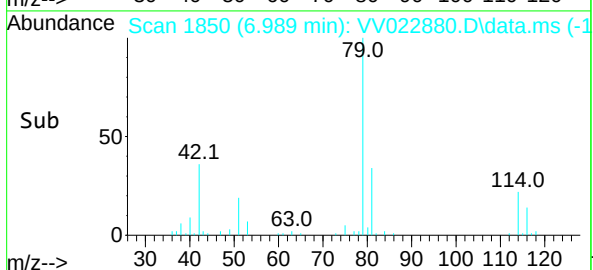
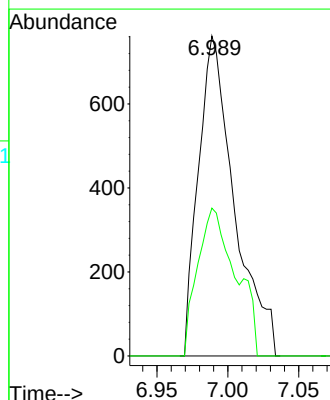
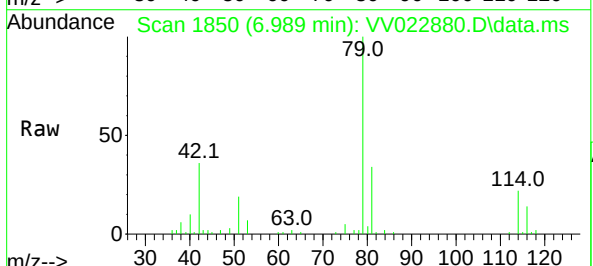
Acq: 18 Oct 2021 20:39

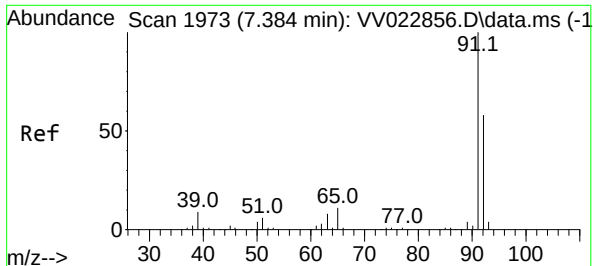
Tgt Ion: 75 Resp: 1343

Ion Ratio Lower Upper

75 100

77 46.2 22.3 41.3#

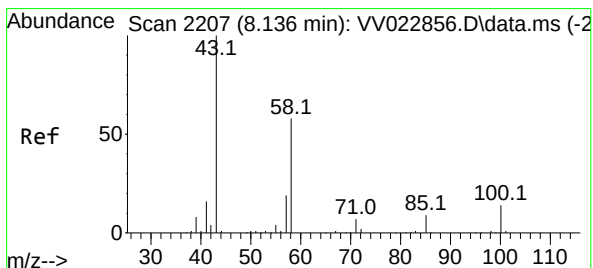
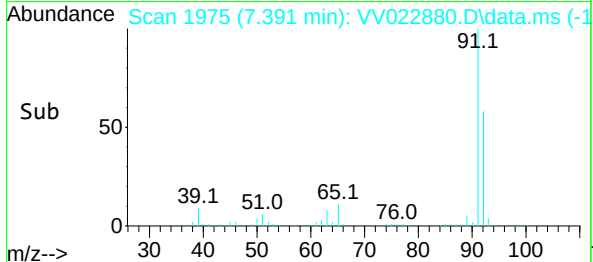
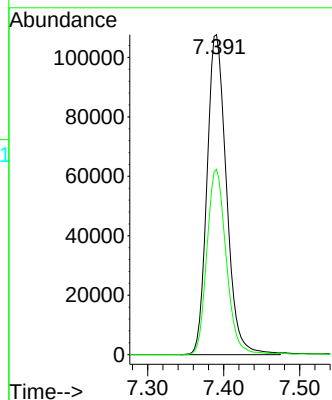
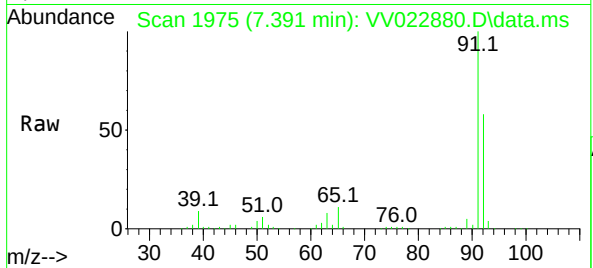




#42
Toluene
Concen: 5.739 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.007 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

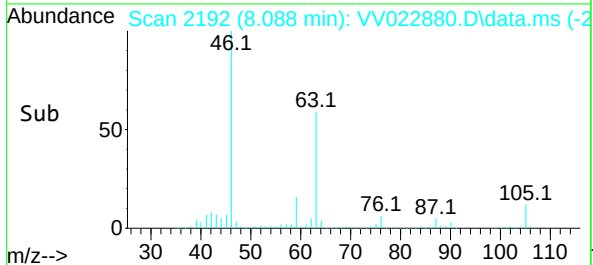
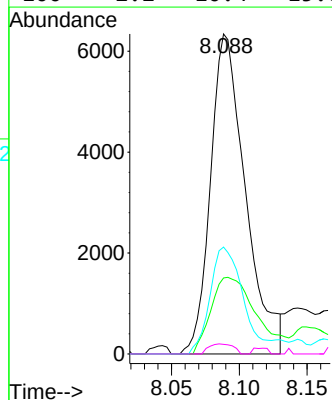
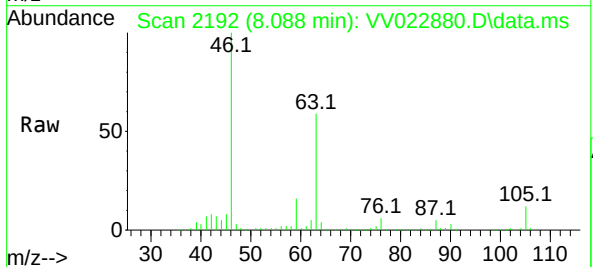
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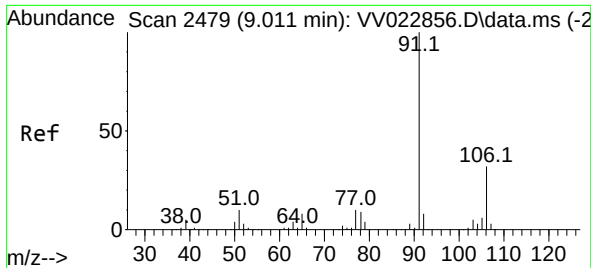
Tgt Ion: 91 Resp: 191019
Ion Ratio Lower Upper
91 100
92 57.9 40.7 75.7



#48
2-Hexanone
Concen: 3.665 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion: 43 Resp: 11353
Ion Ratio Lower Upper
43 100
58 31.5 47.4 71.0#
57 31.7 15.3 22.9#
100 2.2 10.4 15.6#

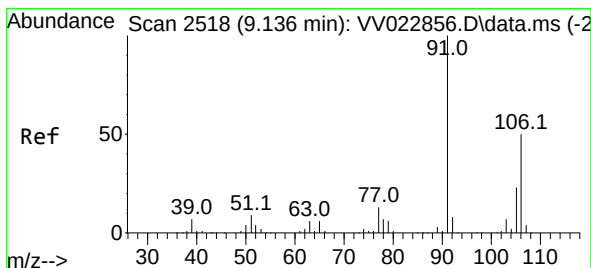
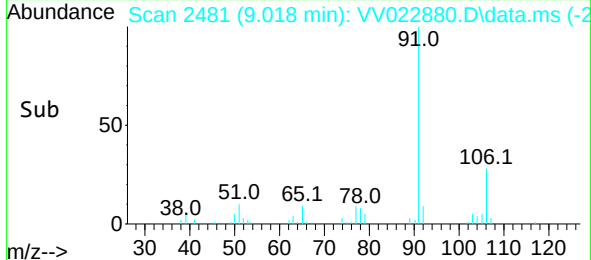
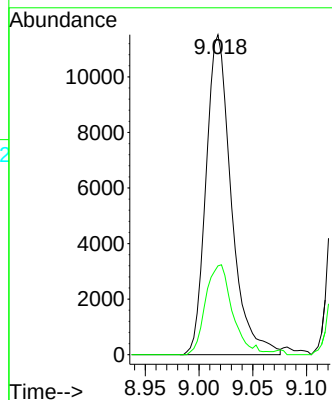
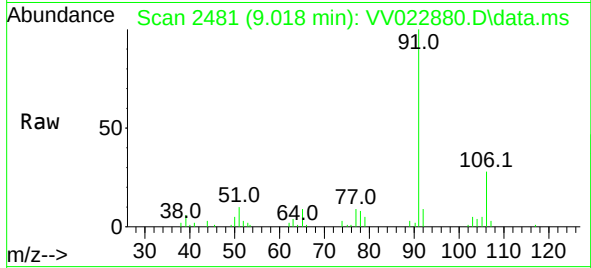




#52
Ethylbenzene
Concen: 0.555 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.007 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

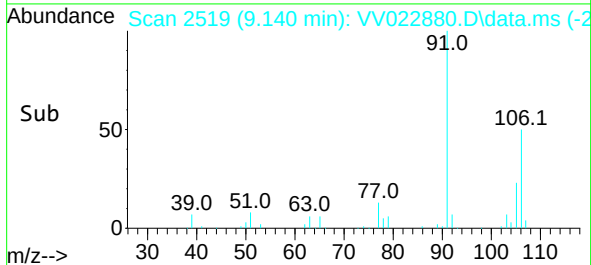
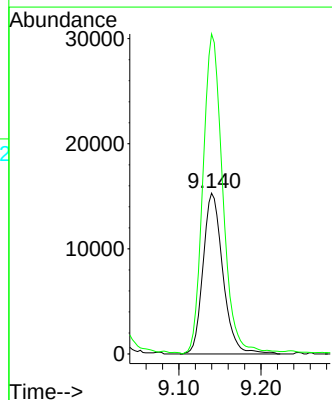
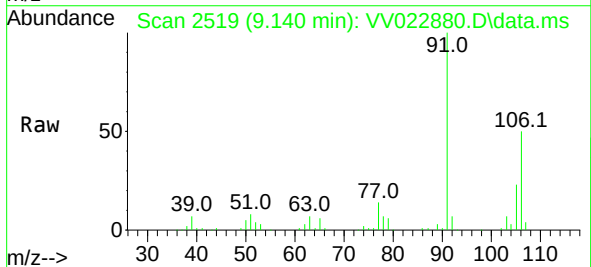
Instrument :
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ClientSampled :
BFGF2

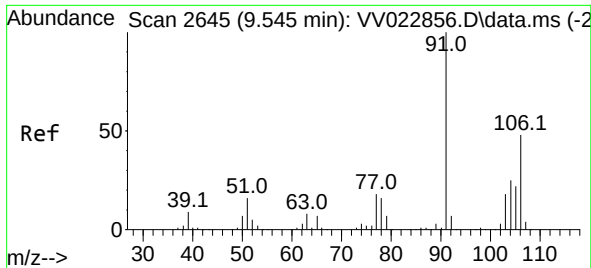
Tgt Ion: 91 Resp: 18763
Ion Ratio Lower Upper
91 100
106 27.8 21.6 40.2



#53
m,p-xylene
Concen: 1.939 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion: 106 Resp: 25712
Ion Ratio Lower Upper
106 100
91 198.9 138.7 257.5

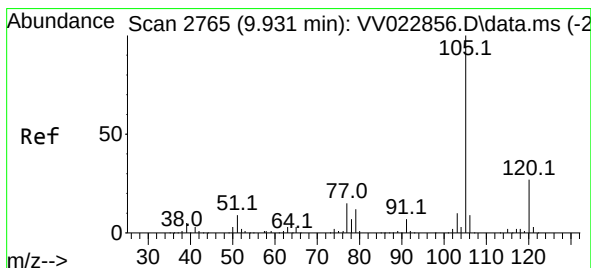
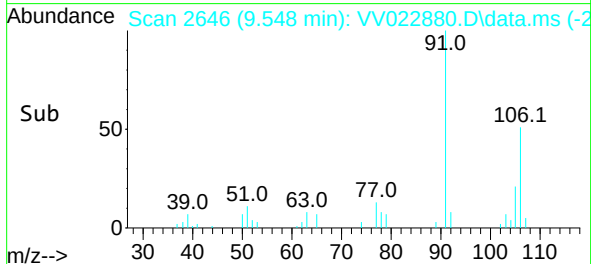
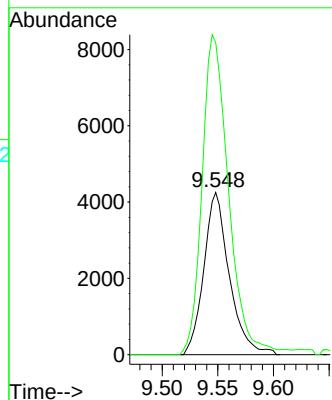
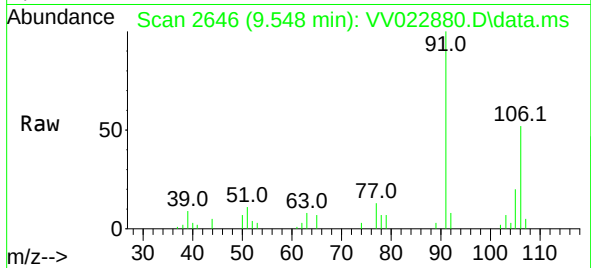




#54
o-xylene
Concen: 0.543 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

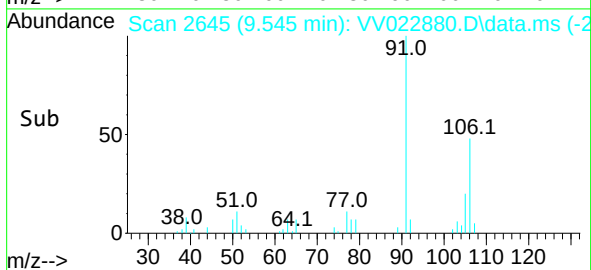
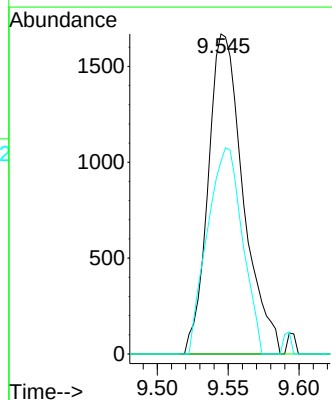
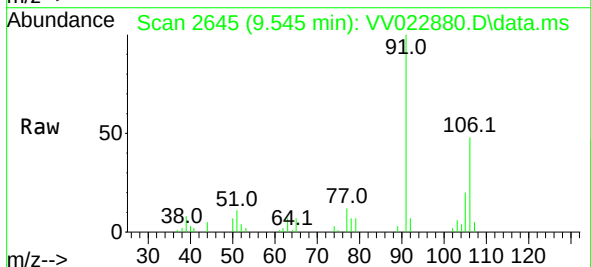
Instrument :
MSVOA_V
ClientSampled :
BFGF2

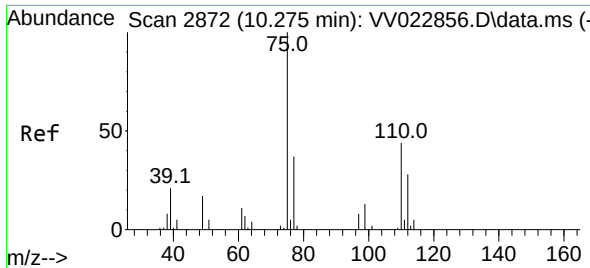
Tgt Ion:106 Resp: 6773
Ion Ratio Lower Upper
106 100
91 192.3 151.1 280.7



#60
Isopropylbenzene
Concen: 0.096 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.386 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion:105 Resp: 2869
Ion Ratio Lower Upper
105 100
120 0.0 21.8 32.8#
77 64.4 12.5 18.7#

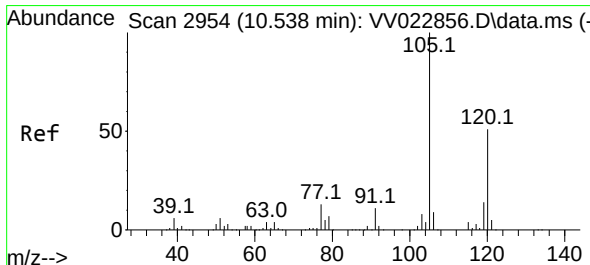
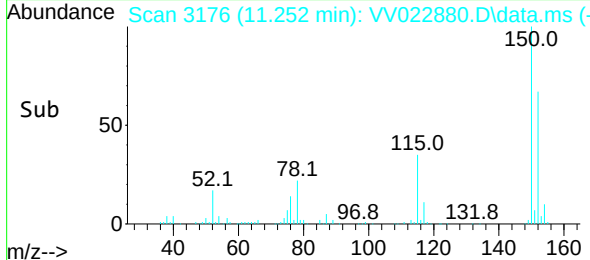
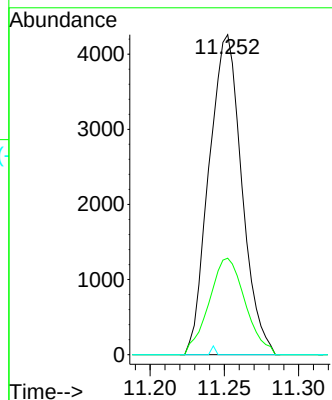
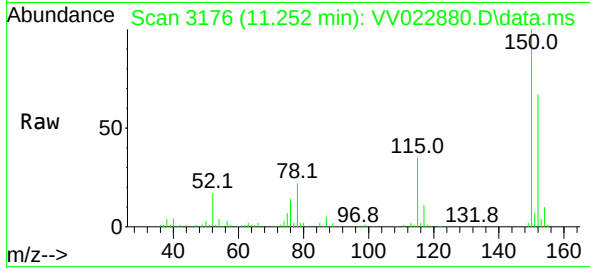




#61
1,2,3-Trichloropropane
Concen: 1.595 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.978 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

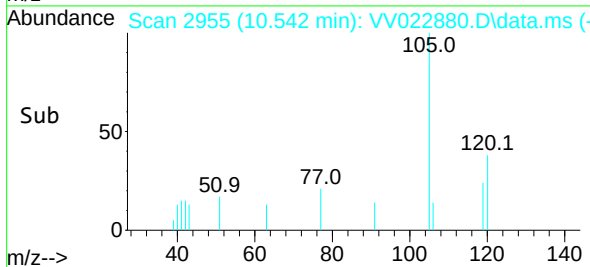
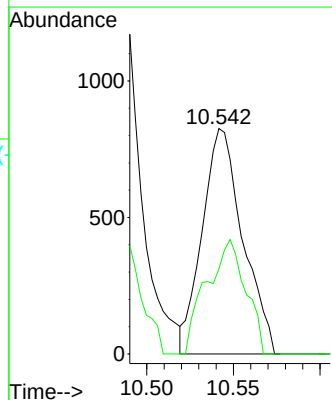
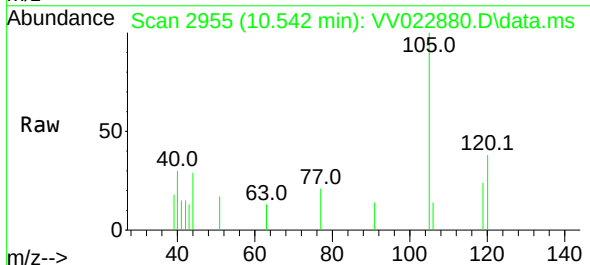
Instrument :
MSVOA_V
ClientSampleId :
BFGF2

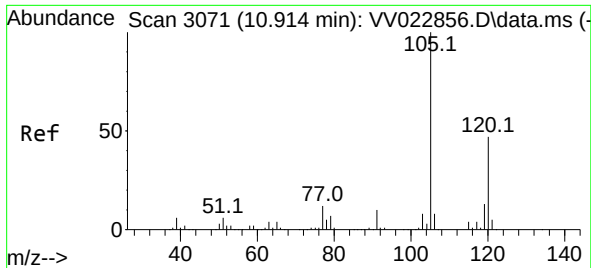
Tgt Ion: 75 Resp: 6544
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2
110 0.4 34.2 51.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.055 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Tgt Ion: 105 Resp: 1341
Ion Ratio Lower Upper
105 100
120 49.1 39.4 59.2

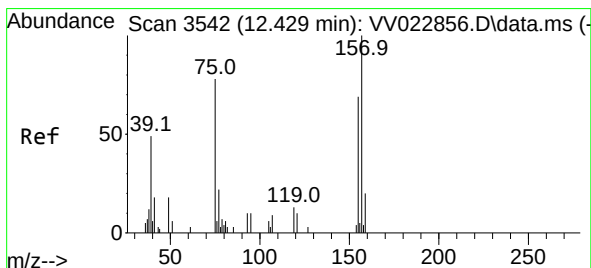
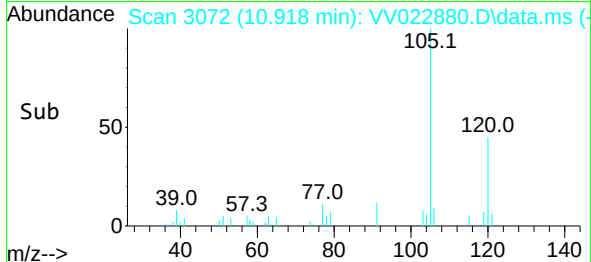
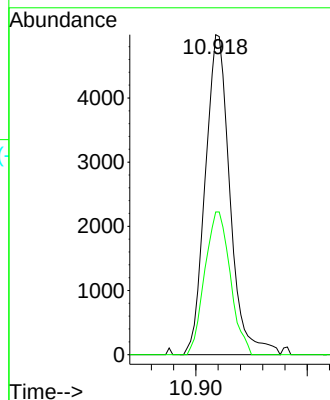
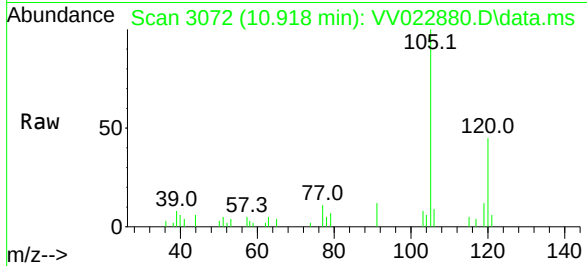




#63
1,2,4-Trimethylbenzene
Concen: 0.316 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

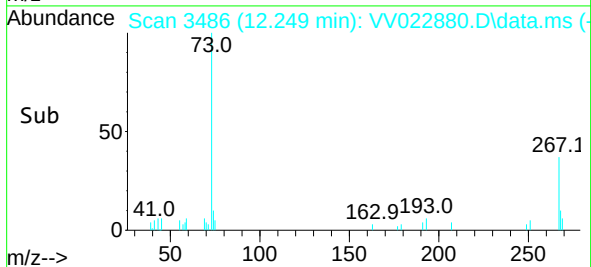
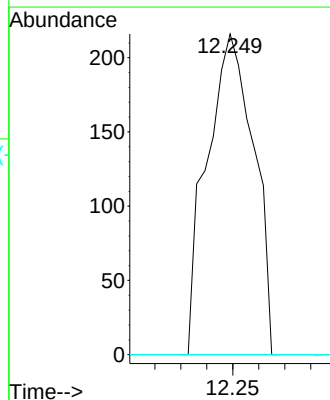
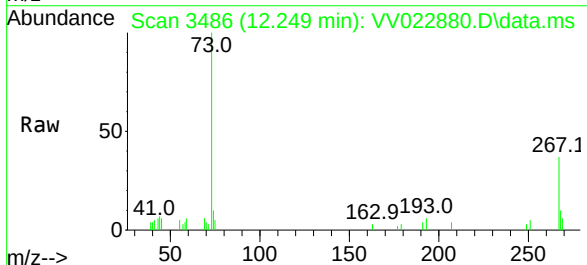
Instrument :
MSVOA_V
ClientSampled :
BFGF2

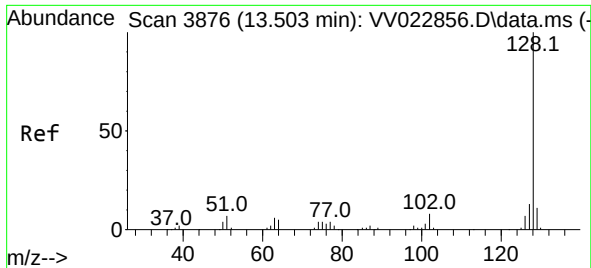
Tgt Ion:105 Resp: 7665
Ion Ratio Lower Upper
105 100
120 46.1 37.3 55.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.361 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.180 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

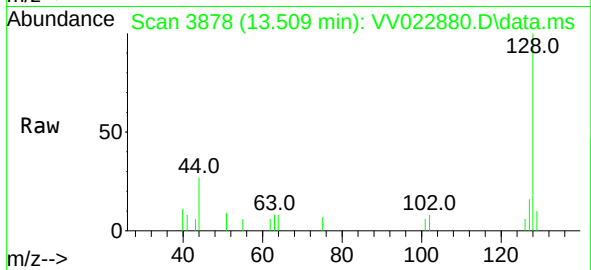
Tgt Ion: 75 Resp: 270
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#





#71
Naphthalene
Concen: 0.229 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV022880.D
Acq: 18 Oct 2021 20:39

Instrument :
MSVOA_V
ClientSampleId :
BFGF2



Tgt Ion:128 Resp: 3305
Ion Ratio Lower Upper
128 100
129 7.6 9.3 13.9#
127 15.9 10.8 16.2

