

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022934.D
 Acq On : 20 Oct 2021 16:06
 Operator : SY/MD
 Sample : M4200-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF2

Quant Time: Oct 21 02:46:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125846	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128849	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	61298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33488	3.868	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.568	69	30314	3.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.108	63	50329	2.963	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.200%#
20) 2-Butanone-d5	3.886	46	100984	44.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.960%
24) Chloroform-d	4.352	84	88722	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.034	65	42871	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.053	84	177288	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.072	67	58071	5.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.317	98	146952	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.625	79	17417	4.622	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.088	63	77787	51.223	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38802	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	62353	5.486	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	461	0.061	ug/L #	1
13) Acetone	2.339	43	398980	315.163	ug/L	75
15) Methyl Acetate	2.339	43	424644	117.234	ug/L #	50
25) Chloroform	4.381	83	6500	0.377	ug/L	86
33) Benzene	5.105	78	18020	0.519	ug/L	100
35) Methylcyclohexane	6.069	83	14198	1.074	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	6201	0.743	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1272	0.115	ug/L #	62
42) Toluene	7.391	91	190938	5.420	ug/L	98
48) 2-Hexanone	8.150	43	4077	1.243	ug/L #	66
52) Ethylbenzene	9.018	91	18731	0.524	ug/L	100
53) m,p-xylene	9.140	106	25320	1.804	ug/L	97
54) o-xylene	9.548	106	6935	0.525	ug/L	91
60) Isopropylbenzene	9.545	105	3139	0.101	ug/L #	28
61) 1,2,3-Trichloropropane	11.249	75	6759	1.587	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.542	105	1556	0.062	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	7208	0.286	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.246	75	476	0.614	ug/L #	2
71) Naphthalene	13.509	128	2818	0.189	ug/L #	93

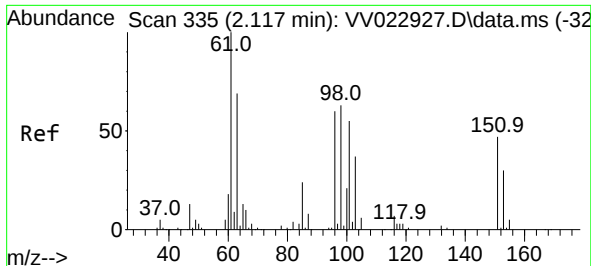
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Data File : VV022934.D
Acq On : 20 Oct 2021 16:06
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 21 02:43:59 2021
Response via : Initial Calibration

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

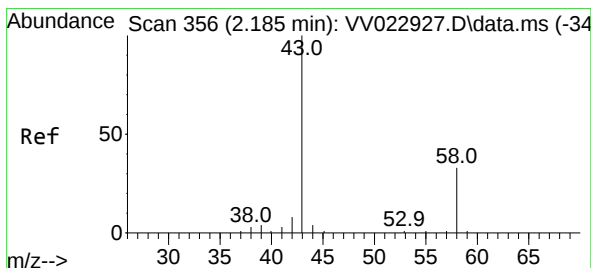
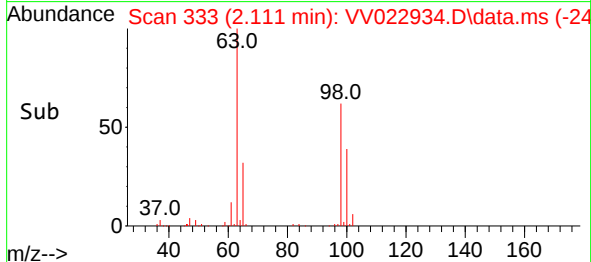
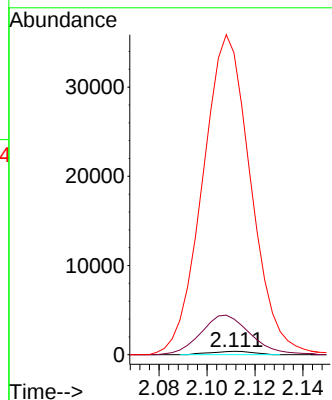
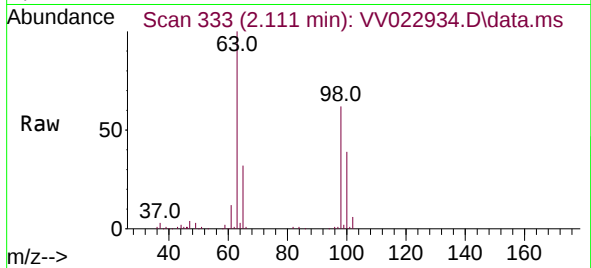
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
1,1-Dichloroethene
Concen: 0.061 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

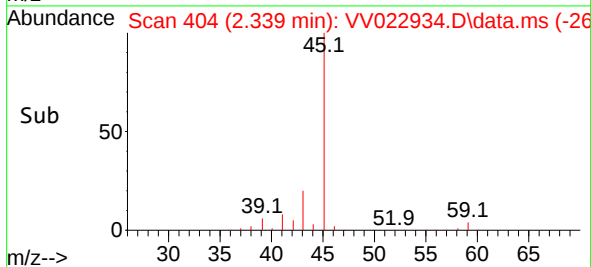
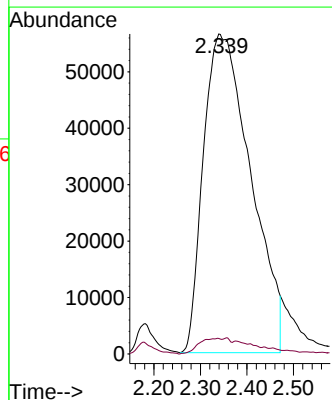
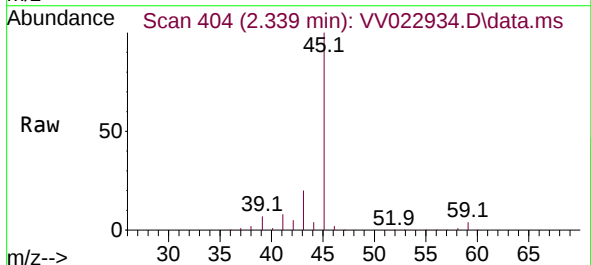
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ClientSampleId :
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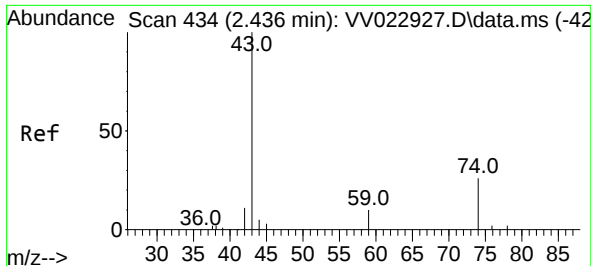
Tgt Ion: 96 Resp: 461
Ion Ratio Lower Upper
96 100
61 1077.4 127.3 236.5#
63 9101.1 106.2 197.2#



#13
Acetone
Concen: 315.163 ug/L
RT: 2.339 min Scan# 404
Delta R.T. 0.155 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 43 Resp: 398980
Ion Ratio Lower Upper
43 100
58 2.3 0.0 24.2

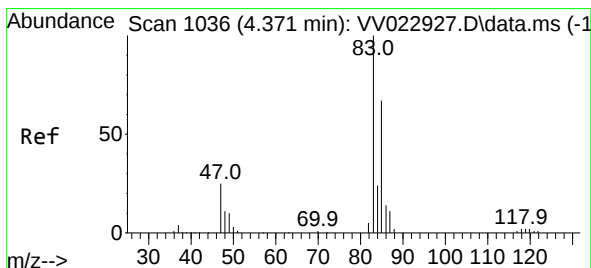
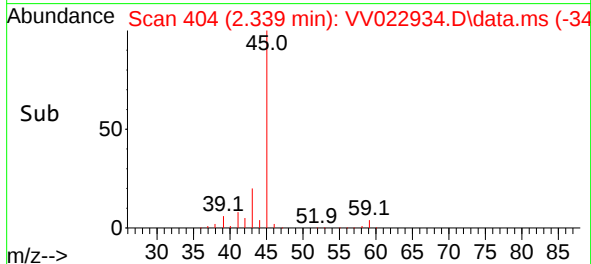
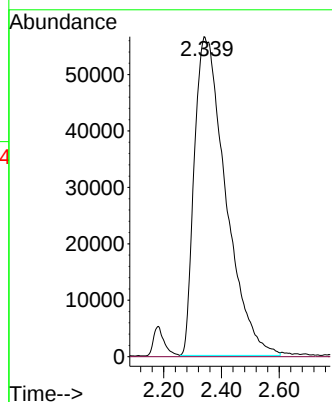
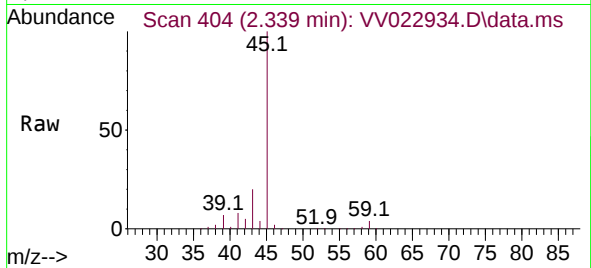




#15
Methyl Acetate
Concen: 117.234 ug/L
RT: 2.339 min Scan# 404
Delta R.T. -0.096 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

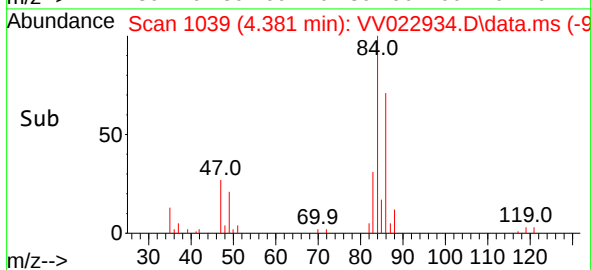
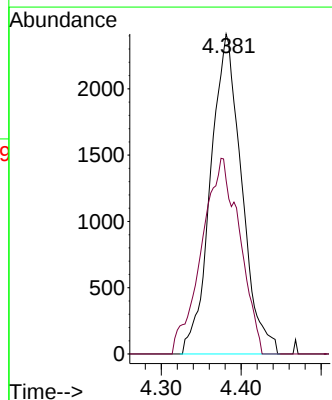
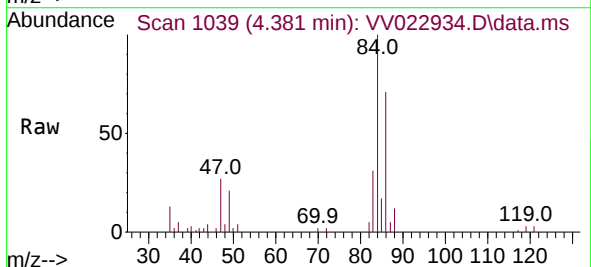
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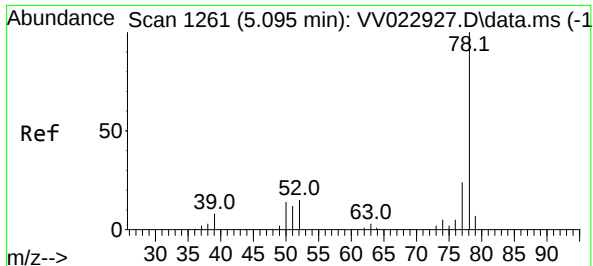
Tgt Ion: 43 Resp: 424644
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#25
Chloroform
Concen: 0.377 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 83 Resp: 6500
Ion Ratio Lower Upper
83 100
85 54.3 45.7 84.9

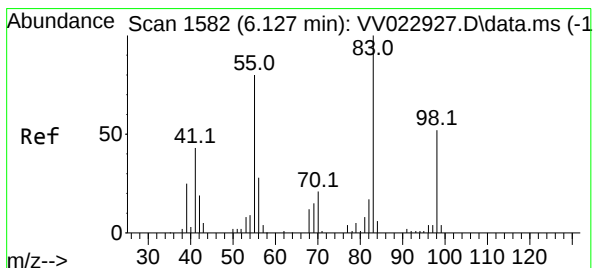
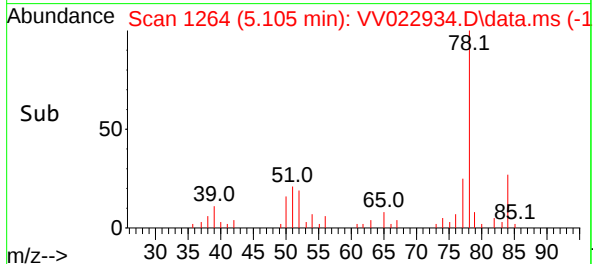
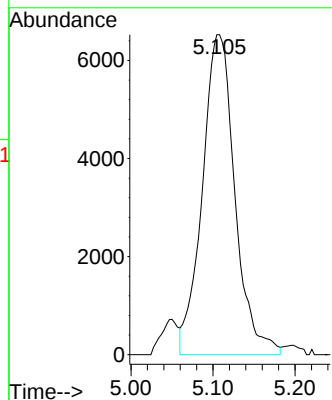
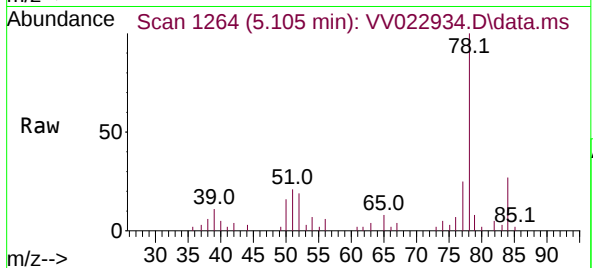




#33
Benzene
Concen: 0.519 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

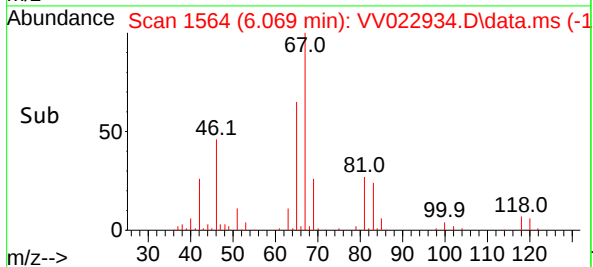
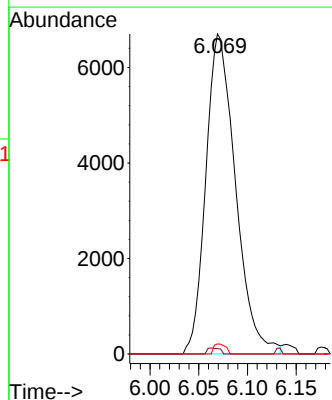
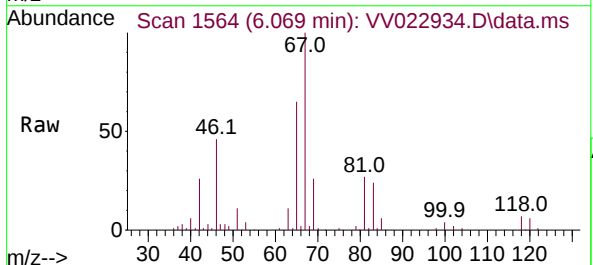
Instrument :
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ClientSampled :
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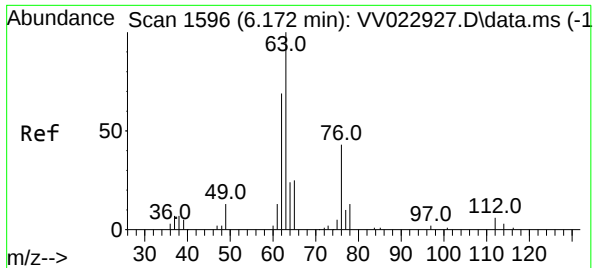
Tgt Ion: 78 Resp: 18020



#35
Methylcyclohexane
Concen: 1.074 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 83 Resp: 14198
Ion Ratio Lower Upper
83 100
55 0.8 63.8 95.6#
98 1.2 42.1 63.1#

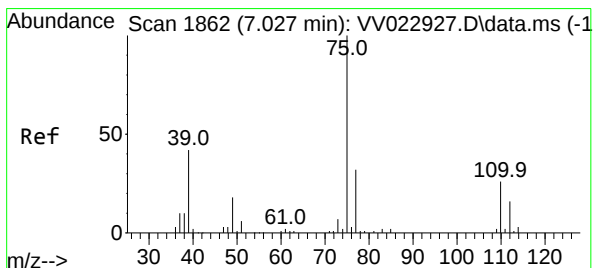
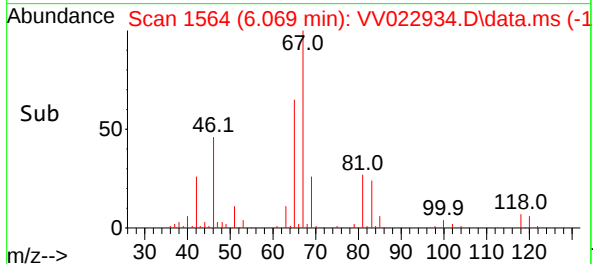
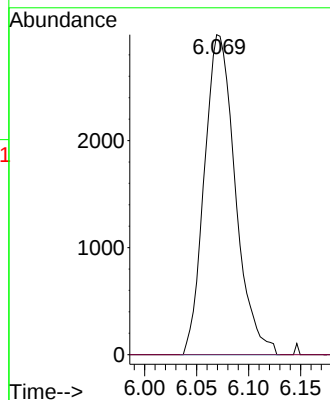
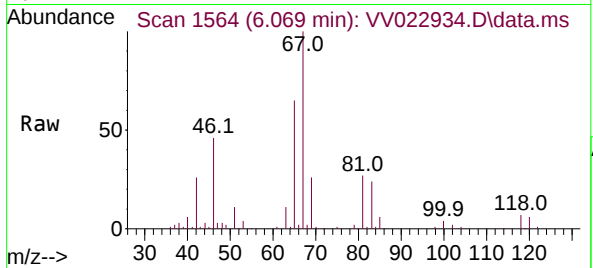




#37
1,2-Dichloropropane
Concen: 0.743 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

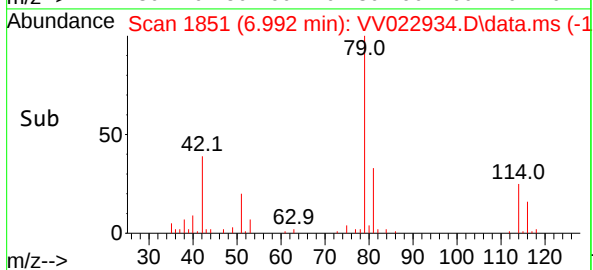
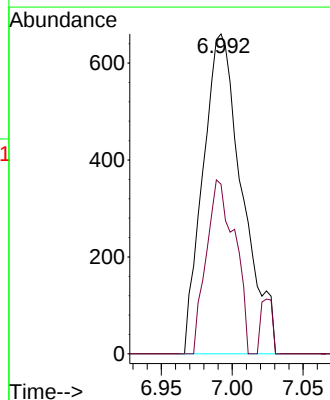
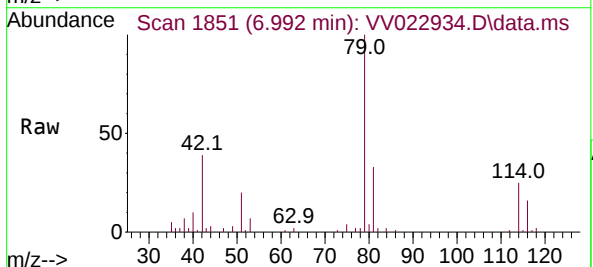
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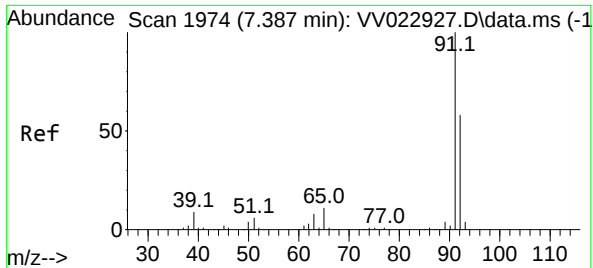
Tgt Ion: 63 Resp: 6201
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 75 Resp: 1272
Ion Ratio Lower Upper
75 100
77 53.0 22.3 41.3#

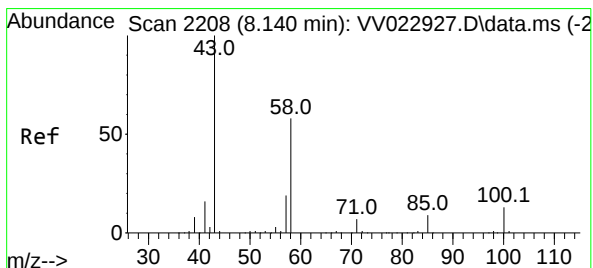
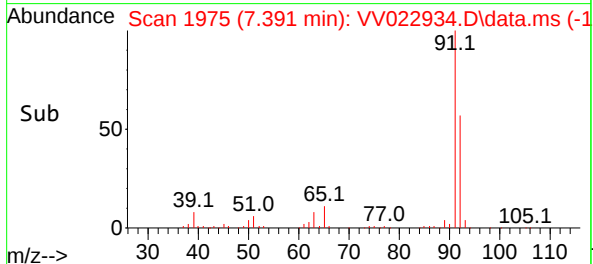
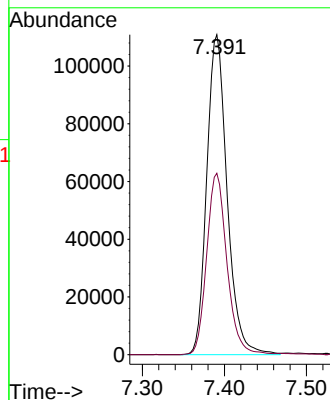
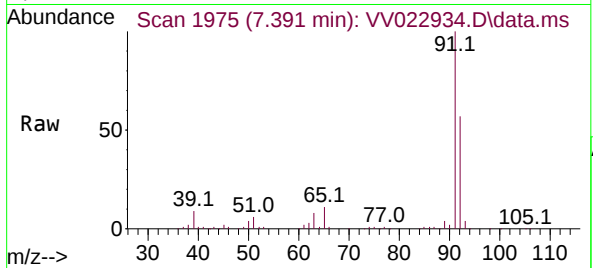




#42
Toluene
Concen: 5.420 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

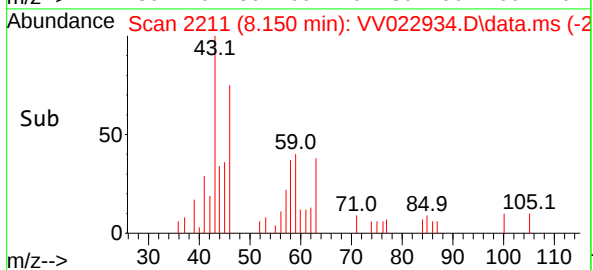
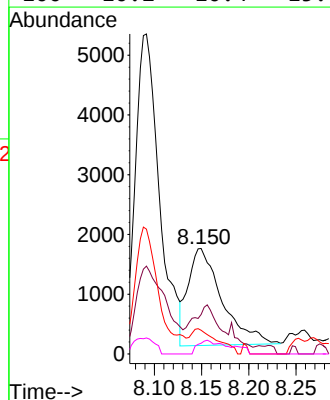
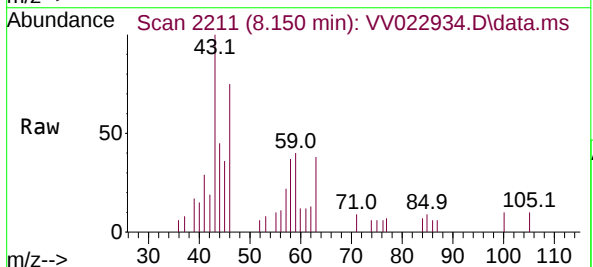
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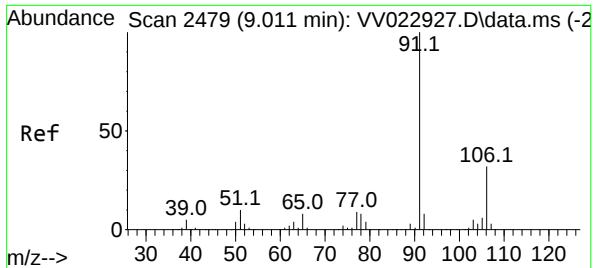
Tgt Ion: 91 Resp: 190938
Ion Ratio Lower Upper
91 100
92 56.7 40.7 75.7



#48
2-Hexanone
Concen: 1.243 ug/L
RT: 8.150 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 43 Resp: 4077
Ion Ratio Lower Upper
43 100
58 21.7 47.4 71.0#
57 20.3 15.3 22.9
100 10.2 10.4 15.6#

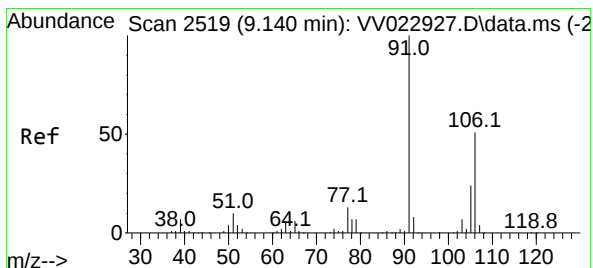
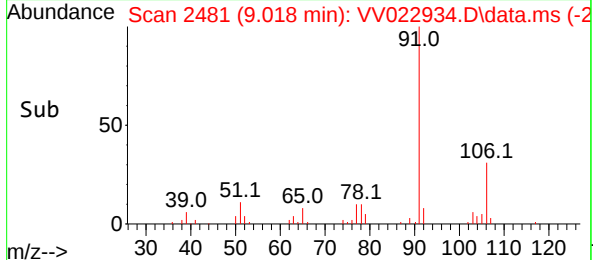
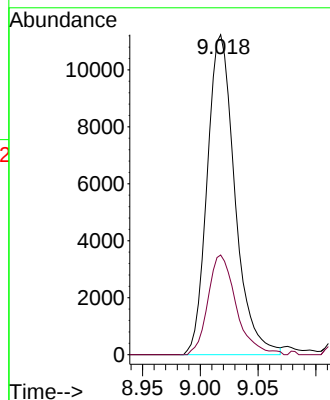
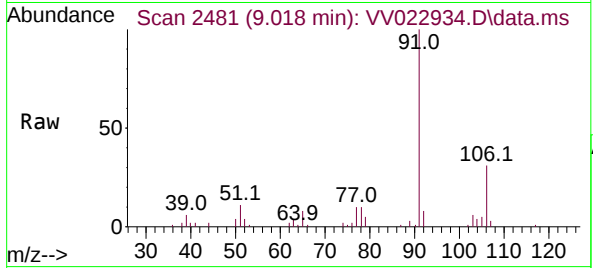




#52
Ethylbenzene
Concen: 0.524 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.007 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

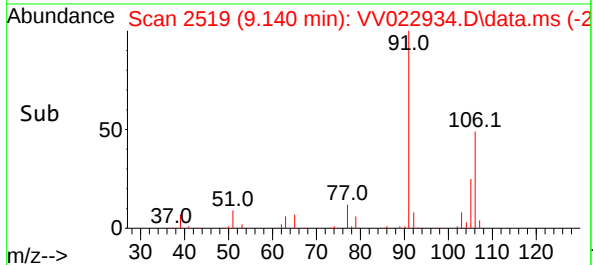
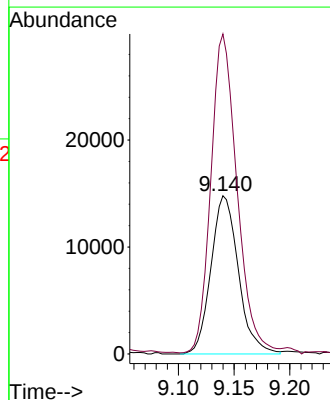
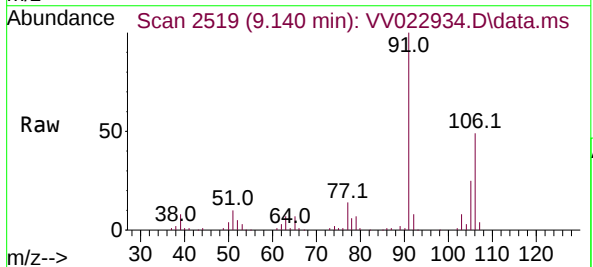
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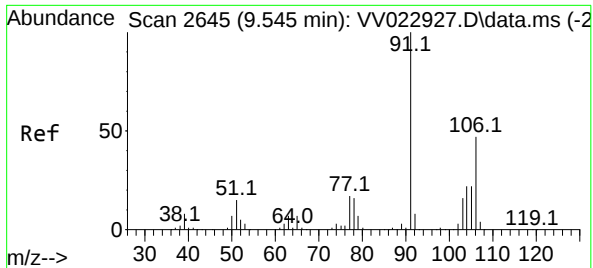
Tgt Ion: 91 Resp: 18731
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.2



#53
m,p-xylene
Concen: 1.804 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 106 Resp: 25320
Ion Ratio Lower Upper
106 100
91 202.3 138.7 257.5

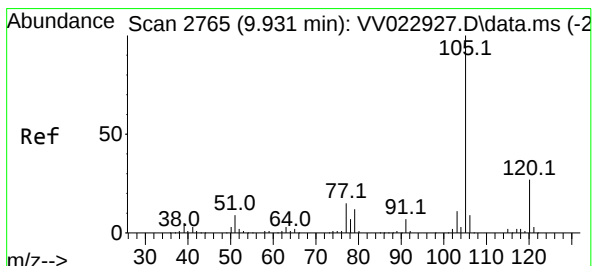
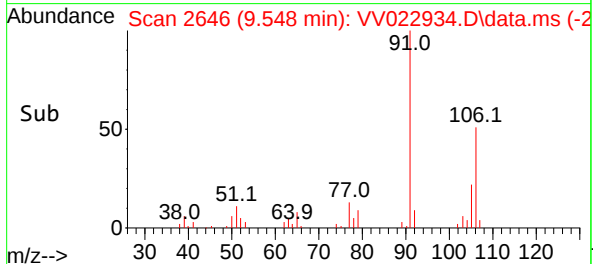
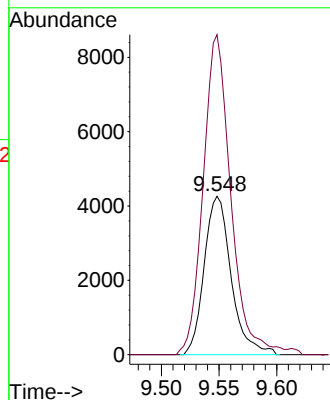
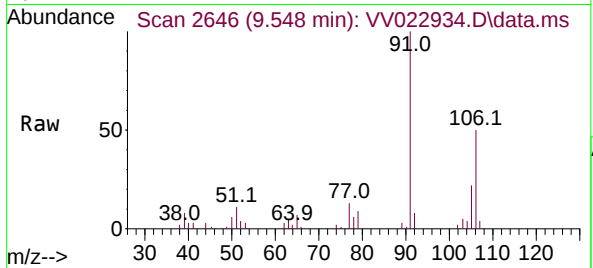




#54
o-xylene
Concen: 0.525 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

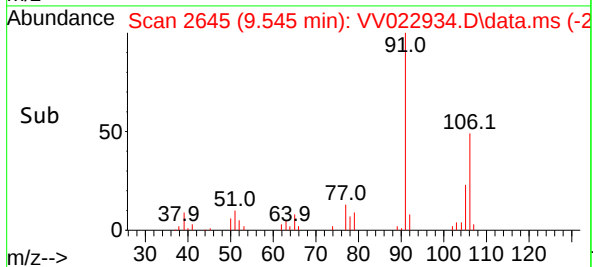
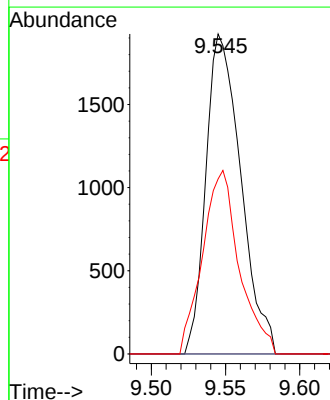
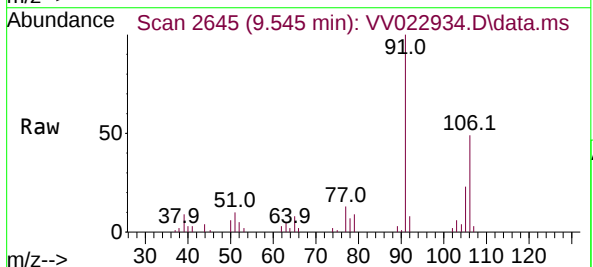
Instrument :
MSVOA_V
ClientSampled :
BFGF2

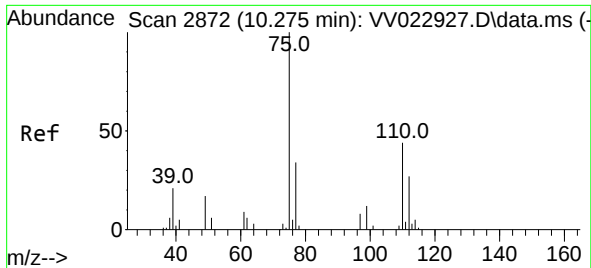
Tgt Ion:106 Resp: 6935
Ion Ratio Lower Upper
106 100
91 201.9 151.1 280.7



#60
Isopropylbenzene
Concen: 0.101 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.386 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion:105 Resp: 3139
Ion Ratio Lower Upper
105 100
120 0.0 21.8 32.8#
77 60.4 12.5 18.7#

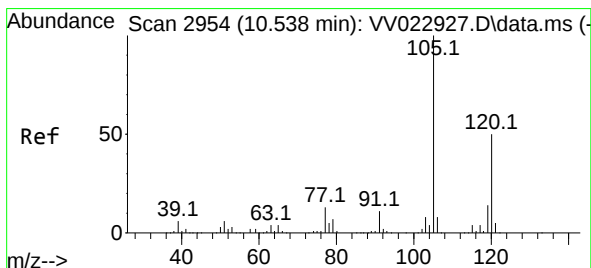
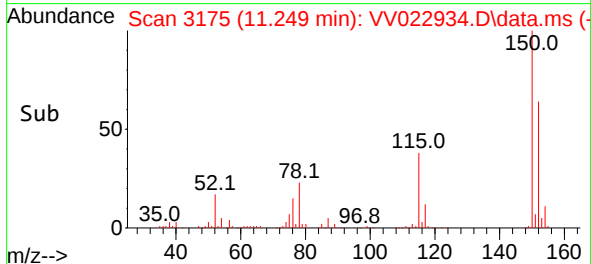
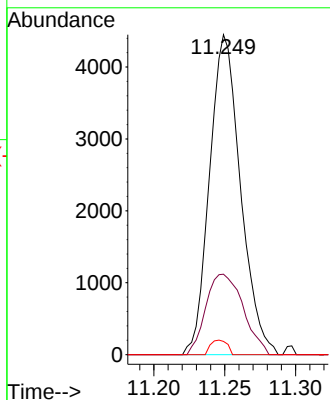
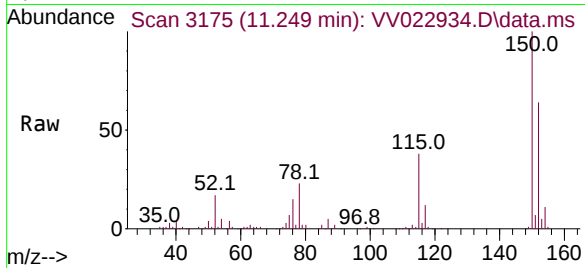




#61
1,2,3-Trichloropropane
Concen: 1.587 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

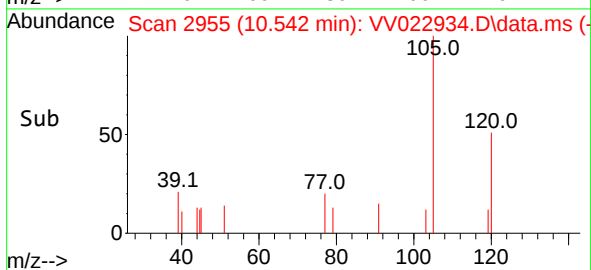
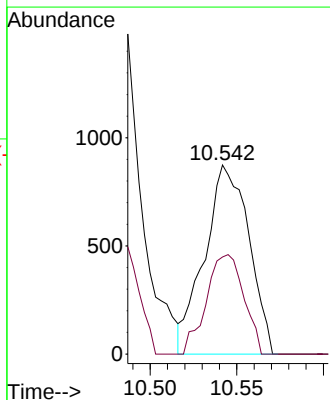
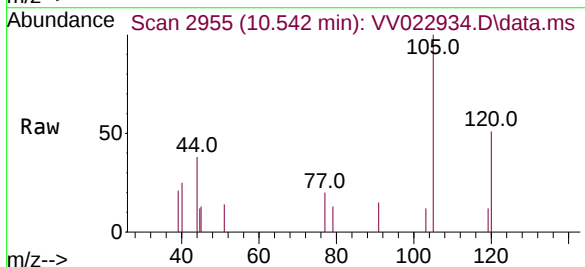
Instrument :
MSVOA_V
ClientSampleId :
BFGF2

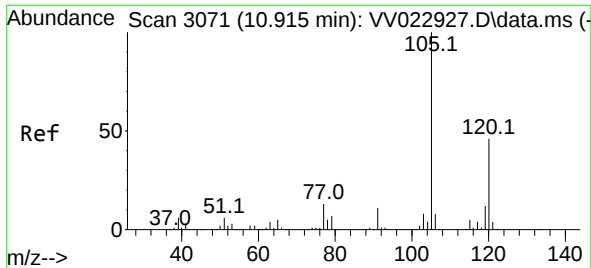
Tgt Ion: 75 Resp: 6759
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2
110 2.4 34.2 51.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.062 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Tgt Ion: 105 Resp: 1556
Ion Ratio Lower Upper
105 100
120 44.5 39.4 59.2

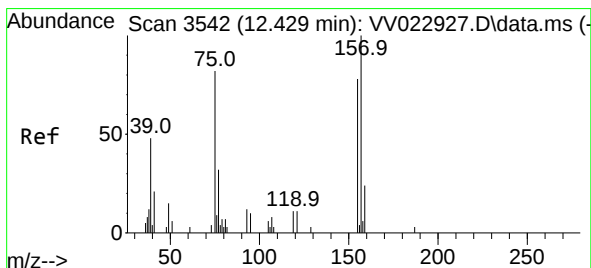
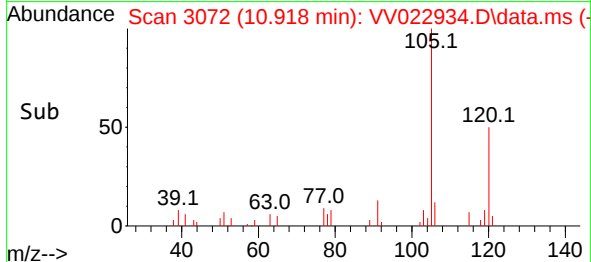
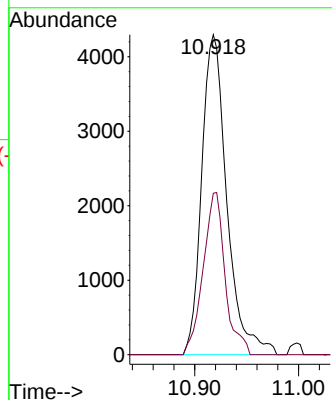
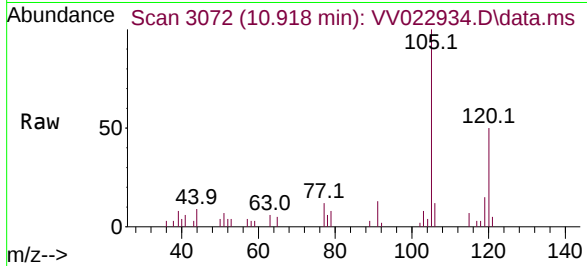




#63
1,2,4-Trimethylbenzene
Concen: 0.286 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

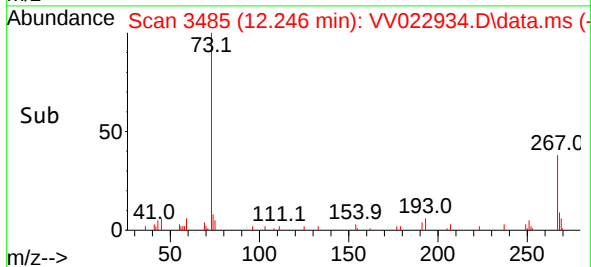
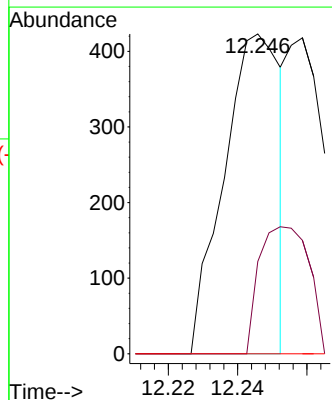
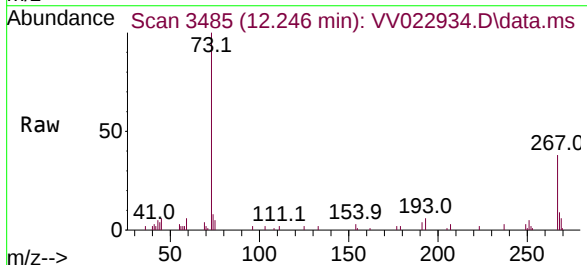
Instrument :
MSVOA_V
ClientSampled :
BFGF2

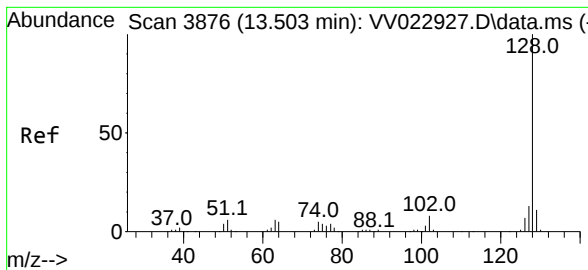
Tgt Ion:105 Resp: 7208
Ion Ratio Lower Upper
105 100
120 44.3 37.3 55.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.614 ug/L
RT: 12.246 min Scan# 3485
Delta R.T. -0.183 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

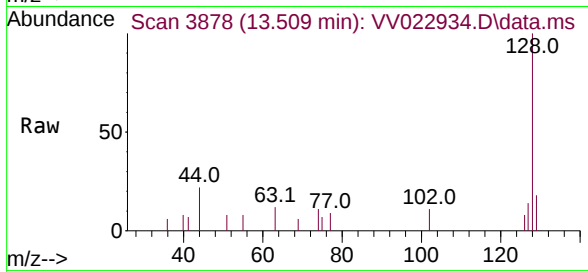
Tgt Ion: 75 Resp: 476
Ion Ratio Lower Upper
75 100
155 28.8 82.4 123.6#
157 0.0 114.1 171.1#





#71
Naphthalene
Concen: 0.189 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV022934.D
Acq: 20 Oct 2021 16:06

Instrument :
MSVOA_V
ClientSampleId :
BFGF2



Tgt Ion:128 Resp: 2818
Ion Ratio Lower Upper
128 100
129 14.5 9.3 13.9#
127 16.4 10.8 16.2#

