

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023034.D
 Acq On : 26 Oct 2021 13:17
 Operator : SY/MD
 Sample : M4278-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF5

Quant Time: Oct 27 01:32:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145560	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	144091	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66503	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52688	4.142	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.568	69	37969	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.108	63	54935	2.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	3.886	46	106813	52.350	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.700%
24) Chloroform-d	4.352	84	97563	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.034	65	44871	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.053	84	198139	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.072	67	60688	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	166542	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.625	79	20455	4.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.092	63	69422	41.326	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37291	4.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	65554	5.525	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	455	0.061	ug/L #	1
13) Acetone	2.179	43	14570	14.555	ug/L	87
15) Methyl Acetate	2.349	43	478263	125.591	ug/L #	47
33) Benzene	5.104	78	25765	0.664	ug/L	100
35) Methylcyclohexane	6.069	83	14484	1.038	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6431	0.658	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1465	0.120	ug/L #	79
42) Toluene	7.391	91	201931	5.139	ug/L	97
48) 2-Hexanone	8.146	43	10175	2.979	ug/L #	77
52) Ethylbenzene	9.018	91	23353	0.599	ug/L	98
53) m,p-xylene	9.140	106	30302	1.937	ug/L	91
54) o-xylene	9.545	106	12730	0.865	ug/L	98
60) Isopropylbenzene	10.452	105	14445	0.429	ug/L	95
61) 1,2,3-Trichloropropane	9.545	75	468	0.100	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.542	105	3248	0.120	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	15692	0.582	ug/L	98
71) Naphthalene	13.509	128	5893	0.384	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration

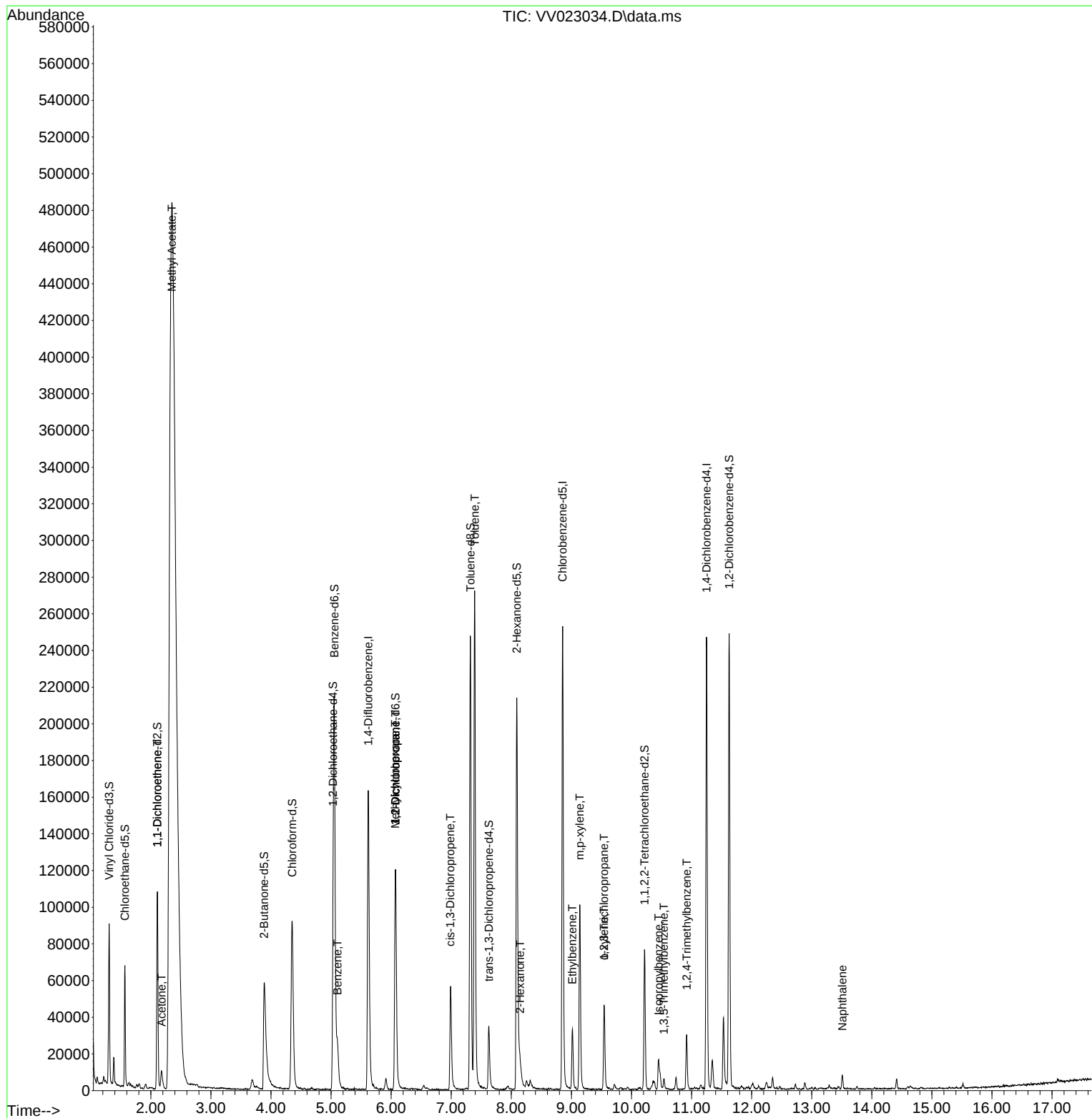
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

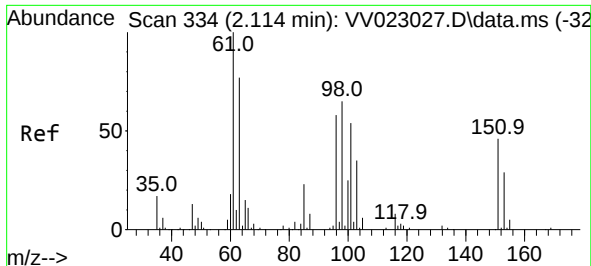
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV023034.D

Acq: 26 Oct 2021 13:17

Instrument :

MSVOA_V

ClientSampleId :

BFGF5

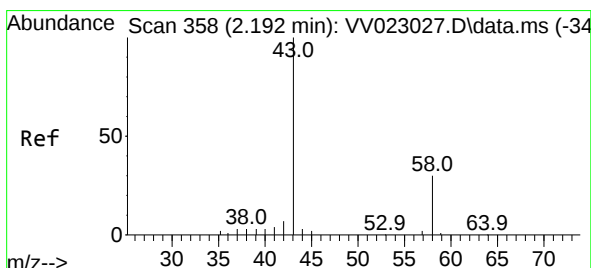
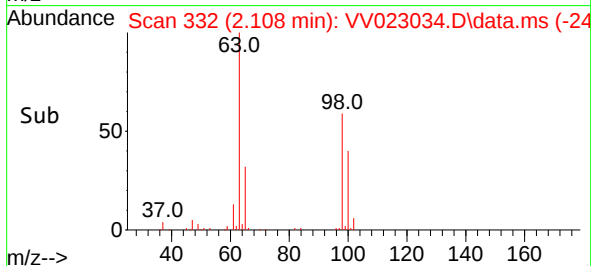
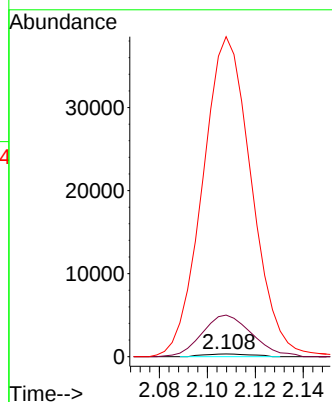
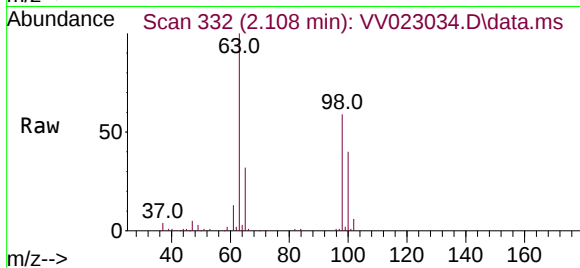
Tgt Ion: 96 Resp: 455

Ion Ratio Lower Upper

96 100

61 1526.8 121.5 225.7#

63 11746.3 99.6 185.0#



#13

Acetone

Concen: 14.555 ug/L

RT: 2.179 min Scan# 354

Delta R.T. -0.013 min

Lab File: VV023034.D

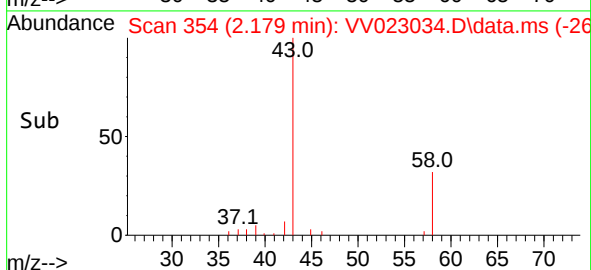
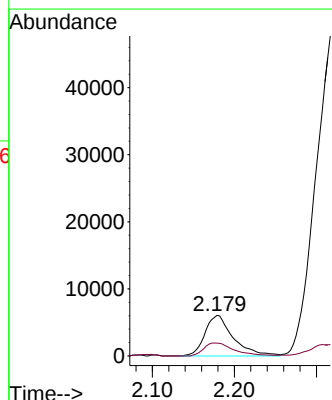
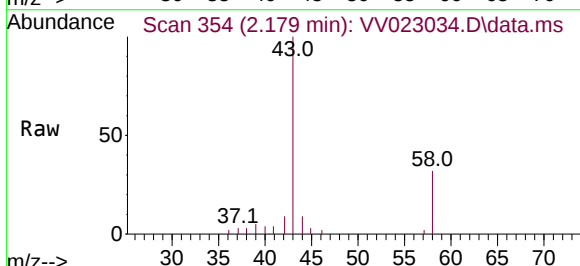
Acq: 26 Oct 2021 13:17

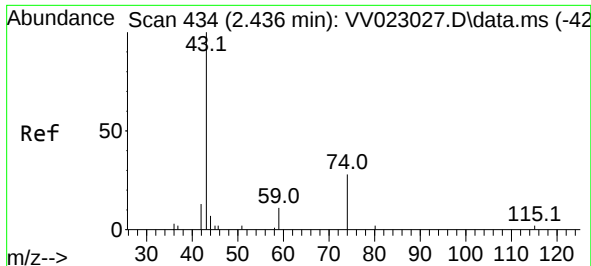
Tgt Ion: 43 Resp: 14570

Ion Ratio Lower Upper

43 100

58 34.3 0.0 55.4

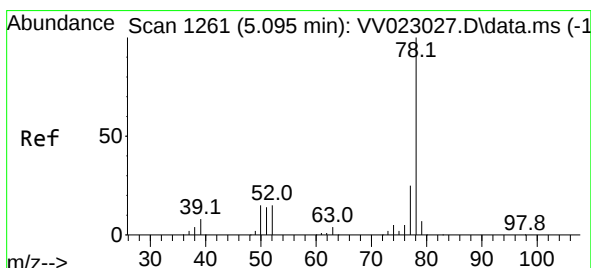
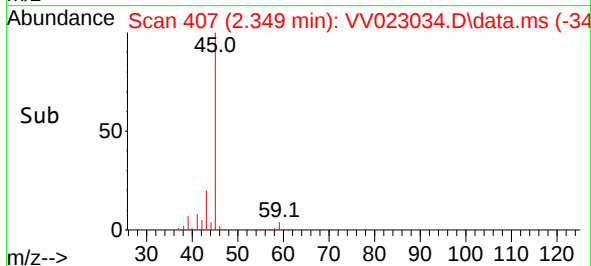
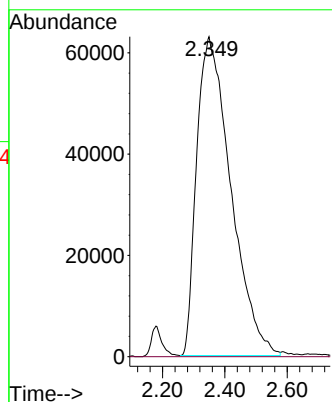
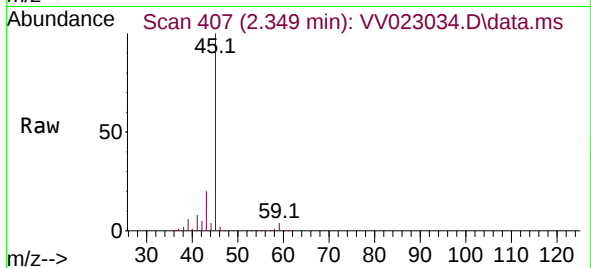




#15
Methyl Acetate
Concen: 125.591 ug/L
RT: 2.349 min Scan# 407
Delta R.T. -0.087 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

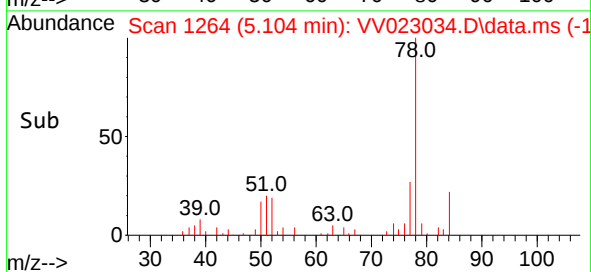
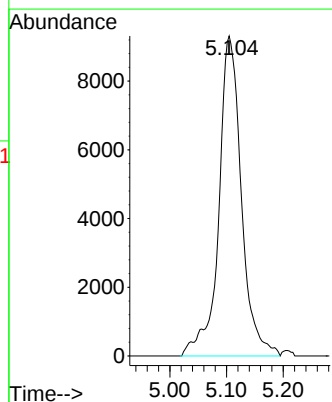
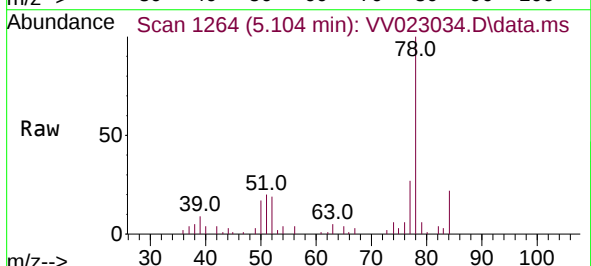
Instrument :
MSVOA_V
ClientSampleId :
BFGF5

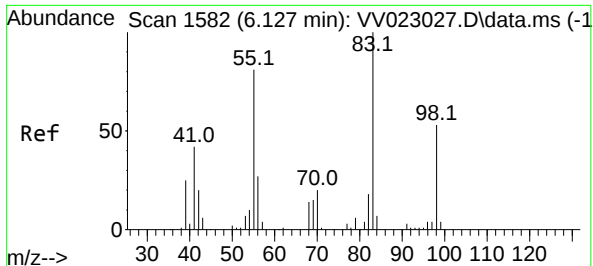
Tgt Ion: 43 Resp: 478263
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#33
Benzene
Concen: 0.664 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Tgt Ion: 78 Resp: 25765





#35

Methylcyclohexane

Concen: 1.038 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023034.D

Acq: 26 Oct 2021 13:17

Instrument :

MSVOA_V

ClientSampleId :

BFGF5

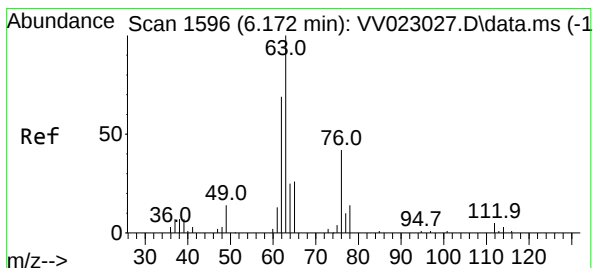
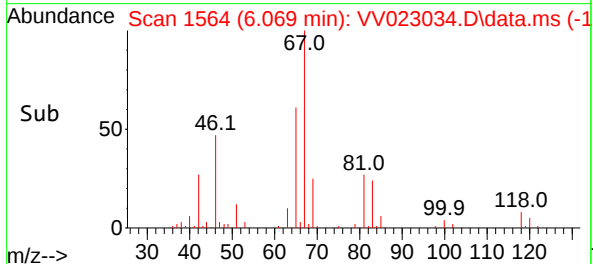
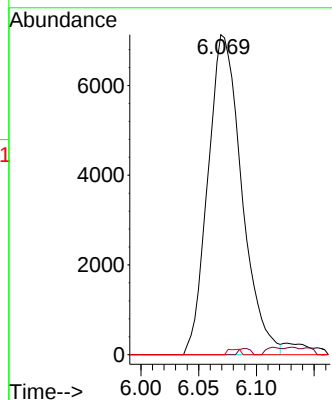
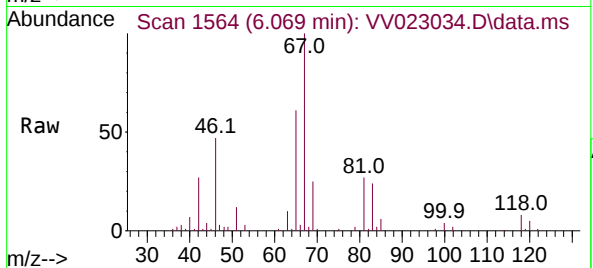
Tgt Ion: 83 Resp: 14484

Ion Ratio Lower Upper

83 100

55 0.6 62.8 94.2#

98 0.6 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.658 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023034.D

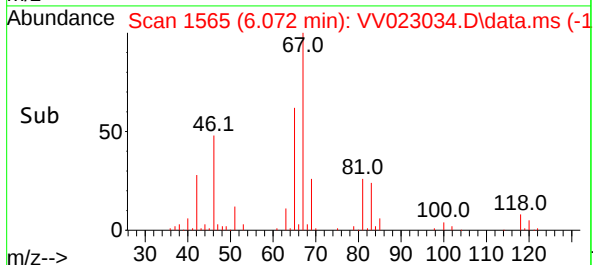
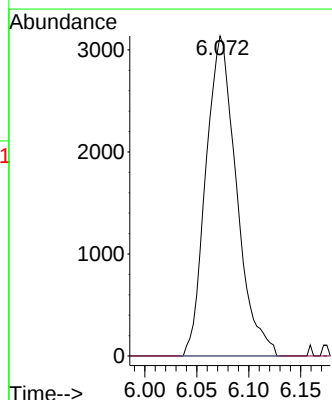
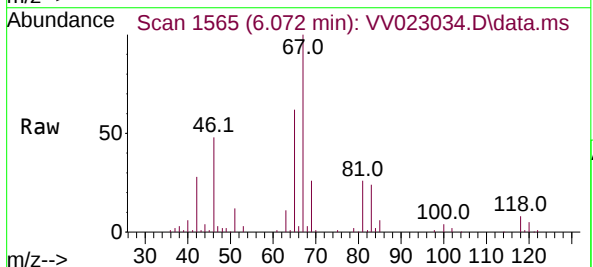
Acq: 26 Oct 2021 13:17

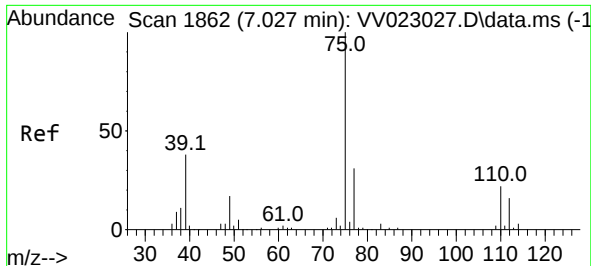
Tgt Ion: 63 Resp: 6431

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV023034.D

Acq: 26 Oct 2021 13:17

Instrument :

MSVOA_V

ClientSampleId :

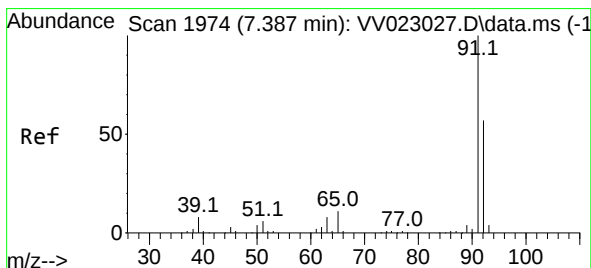
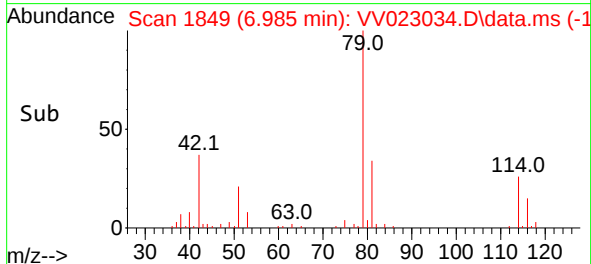
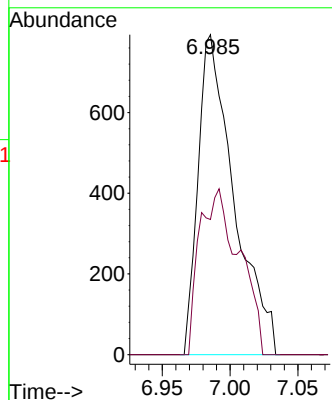
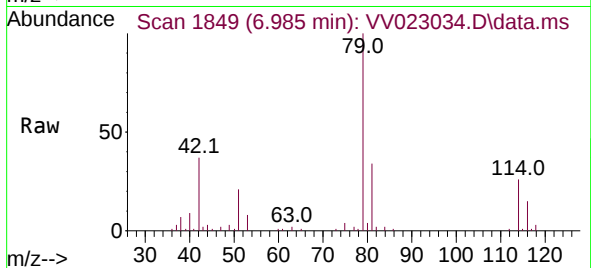
BFGF5

Tgt Ion: 75 Resp: 1465

Ion Ratio Lower Upper

75 100

77 42.2 21.6 40.2#



#42

Toluene

Concen: 5.139 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023034.D

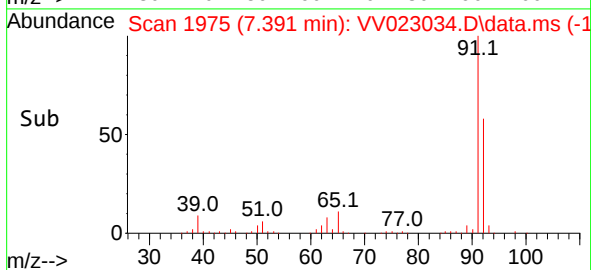
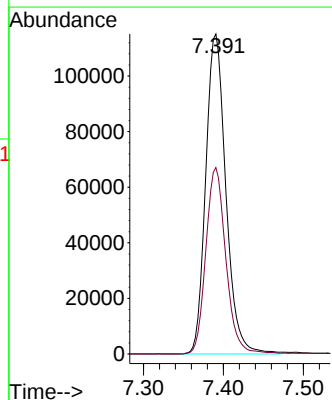
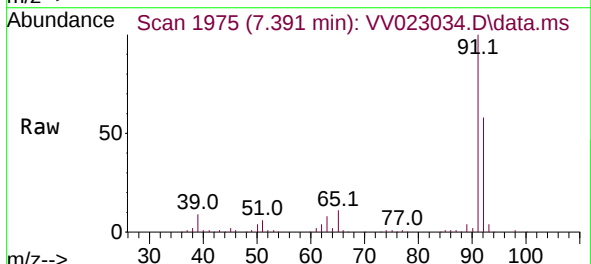
Acq: 26 Oct 2021 13:17

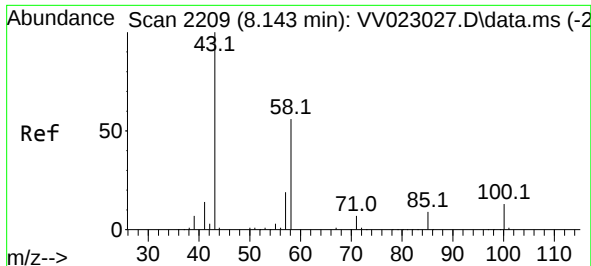
Tgt Ion: 91 Resp: 201931

Ion Ratio Lower Upper

91 100

92 58.3 39.3 72.9

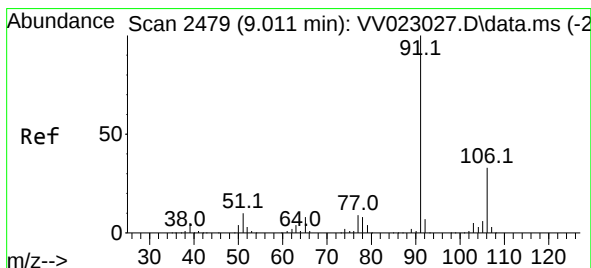
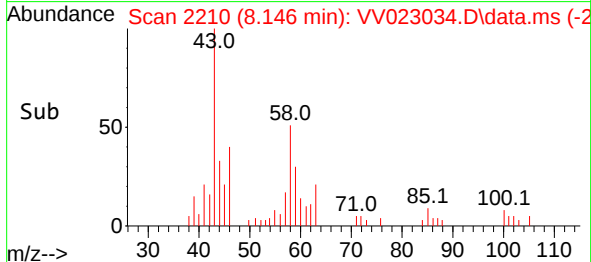
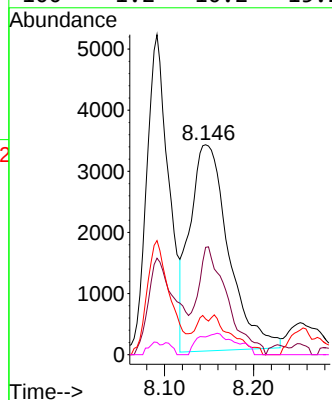
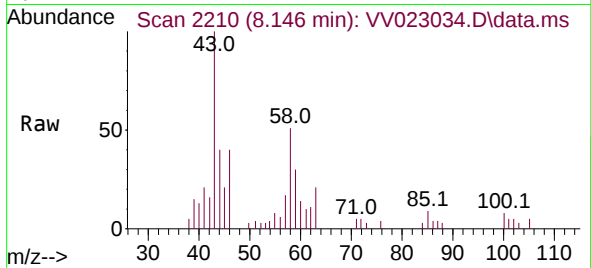




#48
2-Hexanone
Concen: 2.979 ug/L
RT: 8.146 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

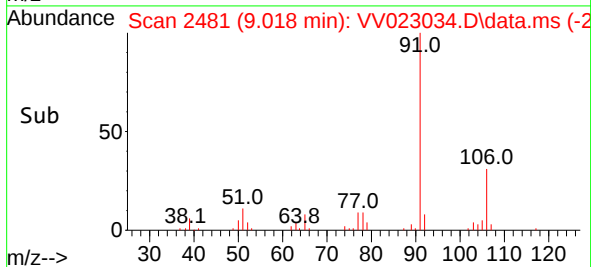
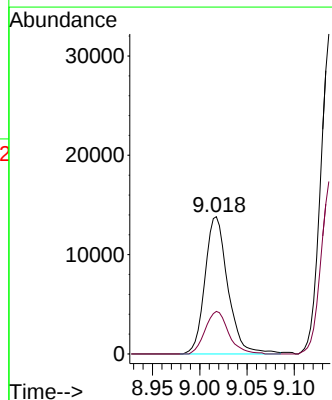
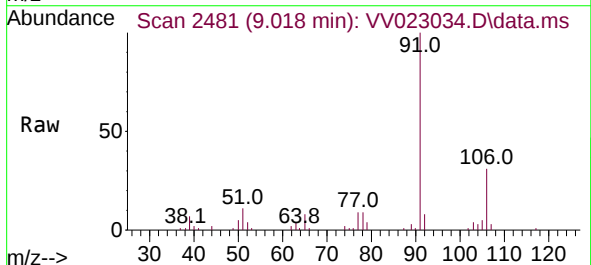
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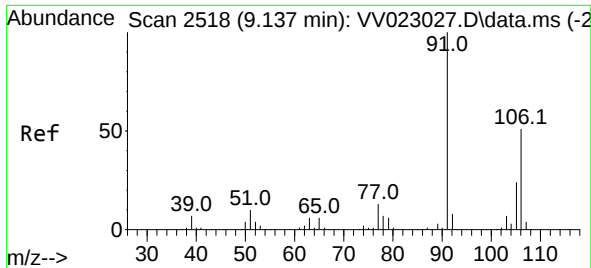
Tgt Ion:	43	Resp:	10175
Ion	Ratio	Lower	Upper
43	100		
58	40.5	43.7	65.5#
57	5.6	14.1	21.1#
100	1.2	10.2	15.2#



#52
Ethylbenzene
Concen: 0.599 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Tgt Ion:	91	Resp:	23353
Ion	Ratio	Lower	Upper
91	100		
106	31.0	22.5	41.9

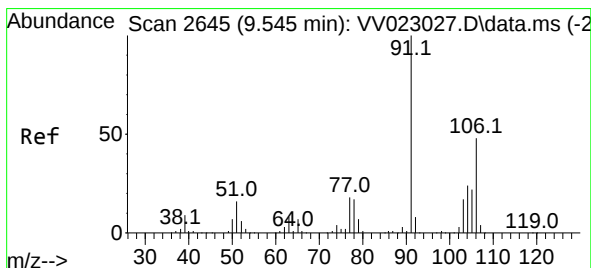
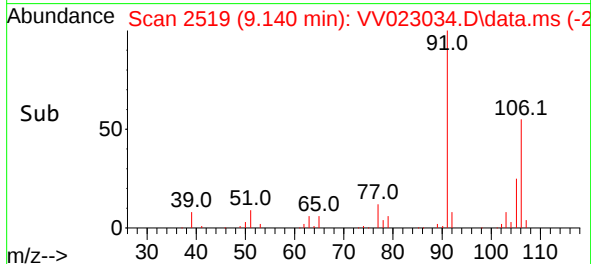
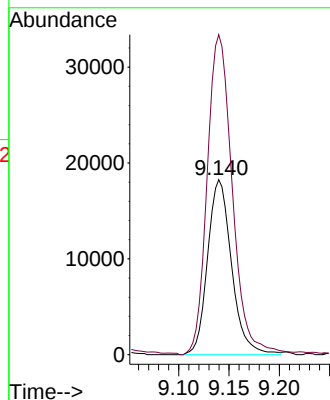
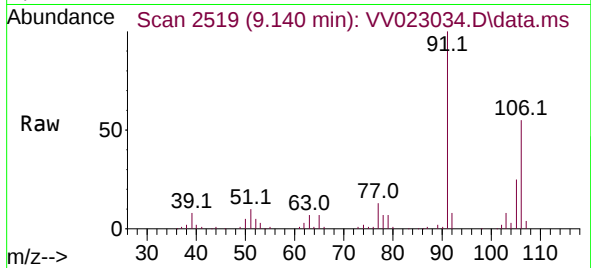




#53
m,p-xylene
Concen: 1.937 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

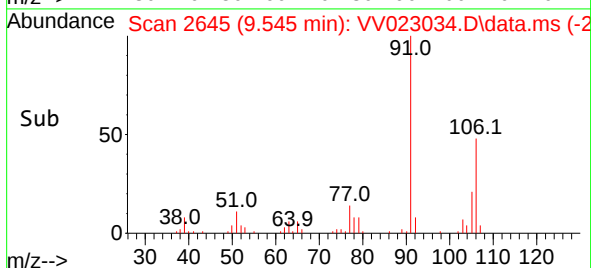
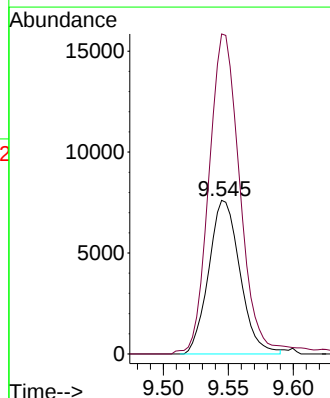
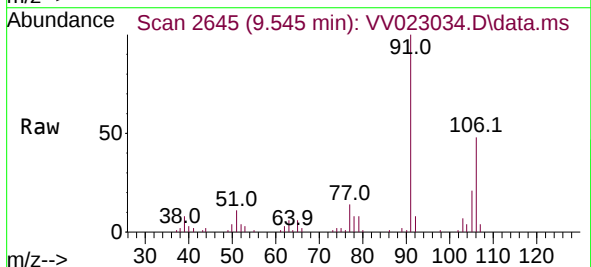
Instrument :
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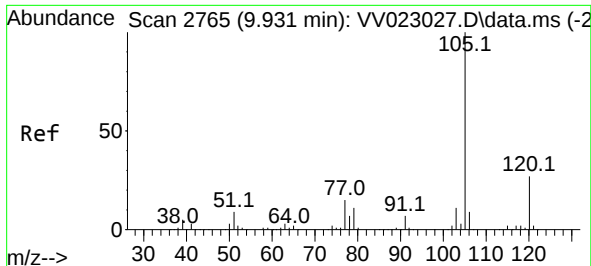
Tgt Ion:106 Resp: 30302
Ion Ratio Lower Upper
106 100
91 182.8 137.2 254.8



#54
o-xylene
Concen: 0.865 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Tgt Ion:106 Resp: 12730
Ion Ratio Lower Upper
106 100
91 208.4 148.3 275.5

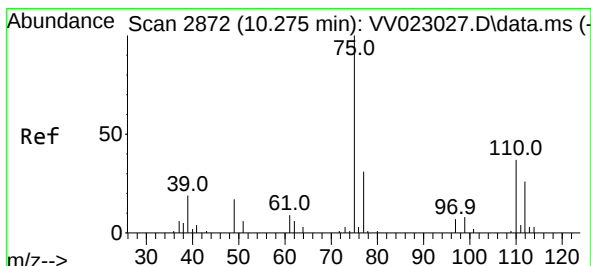
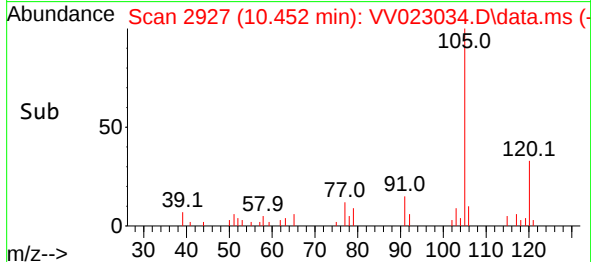
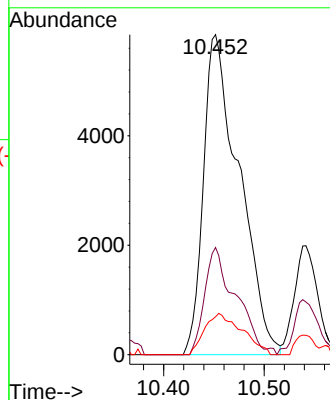
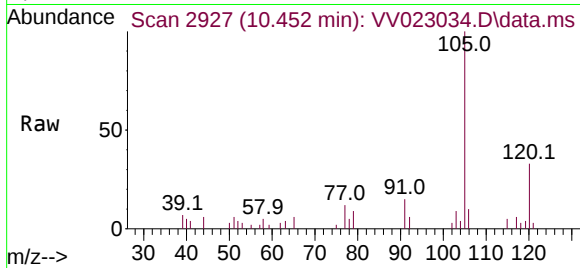




#60
Isopropylbenzene
Concen: 0.429 ug/L
RT: 10.452 min Scan# 2927
Delta R.T. 0.521 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

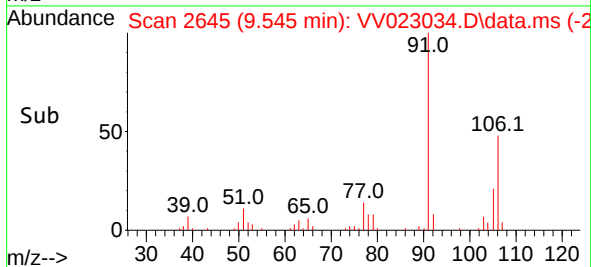
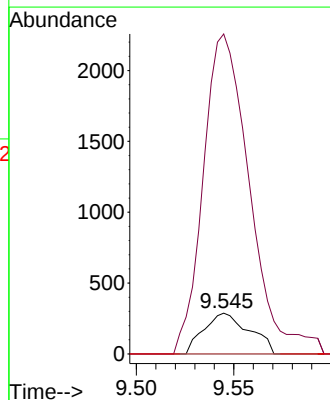
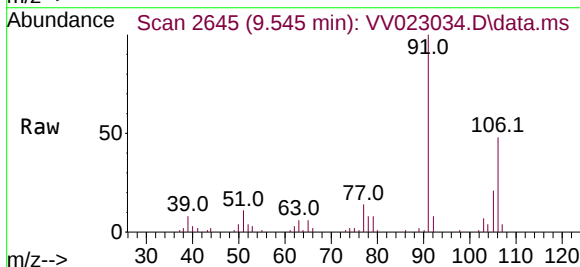
Instrument :
MSVOA_V
ClientSampleId :
BFGF5

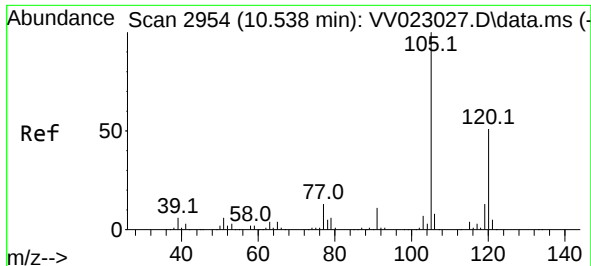
Tgt Ion:105 Resp: 14445
Ion Ratio Lower Upper
105 100
120 29.3 21.7 32.5
77 13.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.100 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.730 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Tgt Ion: 75 Resp: 468
Ion Ratio Lower Upper
75 100
77 799.6 26.6 39.8#
110 0.0 31.8 47.6#

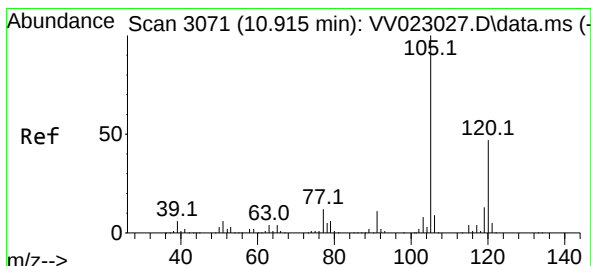
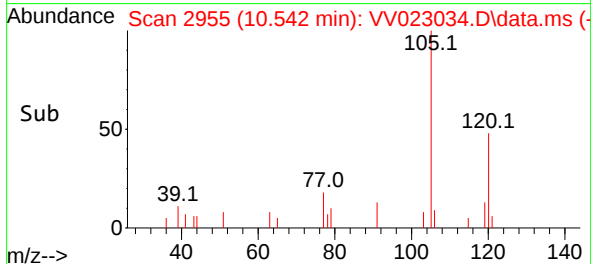
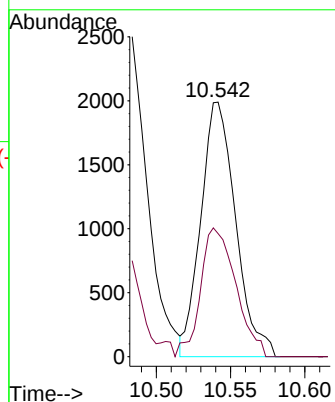
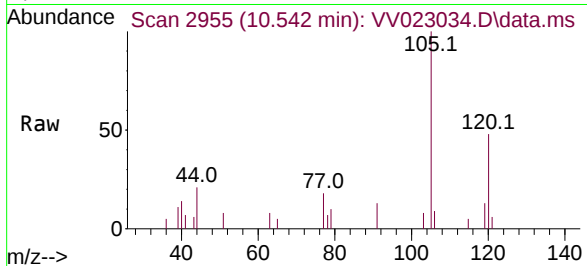




#62
 1,3,5-Trimethylbenzene
 Concen: 0.120 ug/L
 RT: 10.542 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV023034.D
 Acq: 26 Oct 2021 13:17

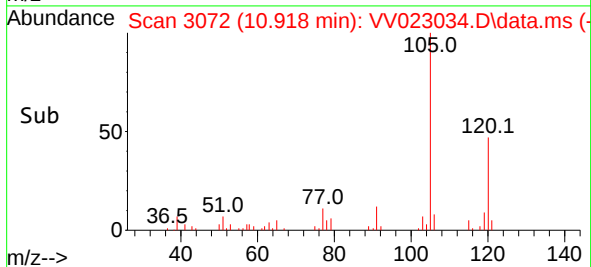
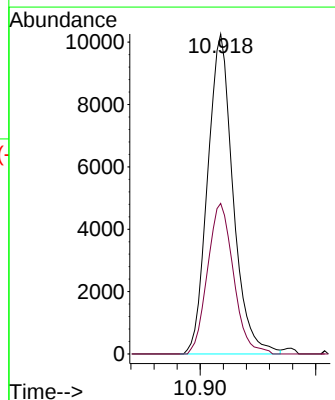
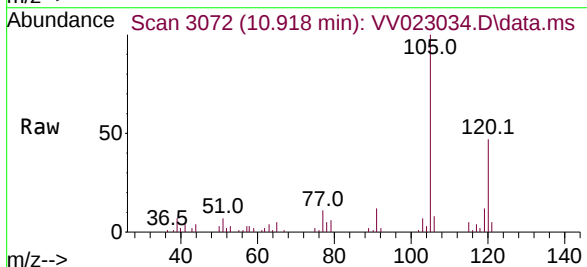
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF5

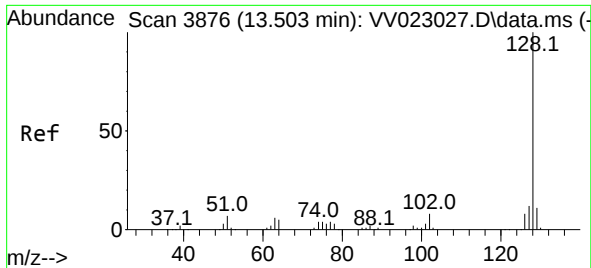
Tgt Ion:105 Resp: 3248
 Ion Ratio Lower Upper
 105 100
 120 51.2 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 0.582 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV023034.D
 Acq: 26 Oct 2021 13:17

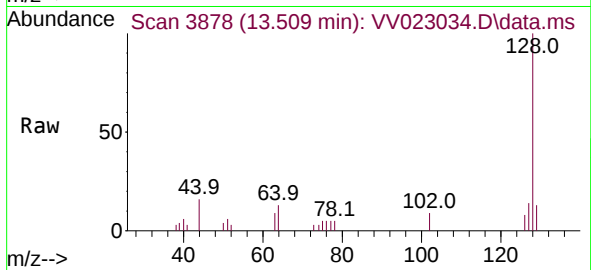
Tgt Ion:105 Resp: 15692
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.4 56.2





#71
Naphthalene
Concen: 0.384 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV023034.D
Acq: 26 Oct 2021 13:17

Instrument :
MSVOA_V
ClientSampleId :
BFGF5



Tgt Ion:128 Resp: 5893
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.5 15.7

