

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022933.D
 Acq On : 20 Oct 2021 15:42
 Operator : SY/MD
 Sample : M4200-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGF1

Quant Time: Oct 21 02:46:18 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)

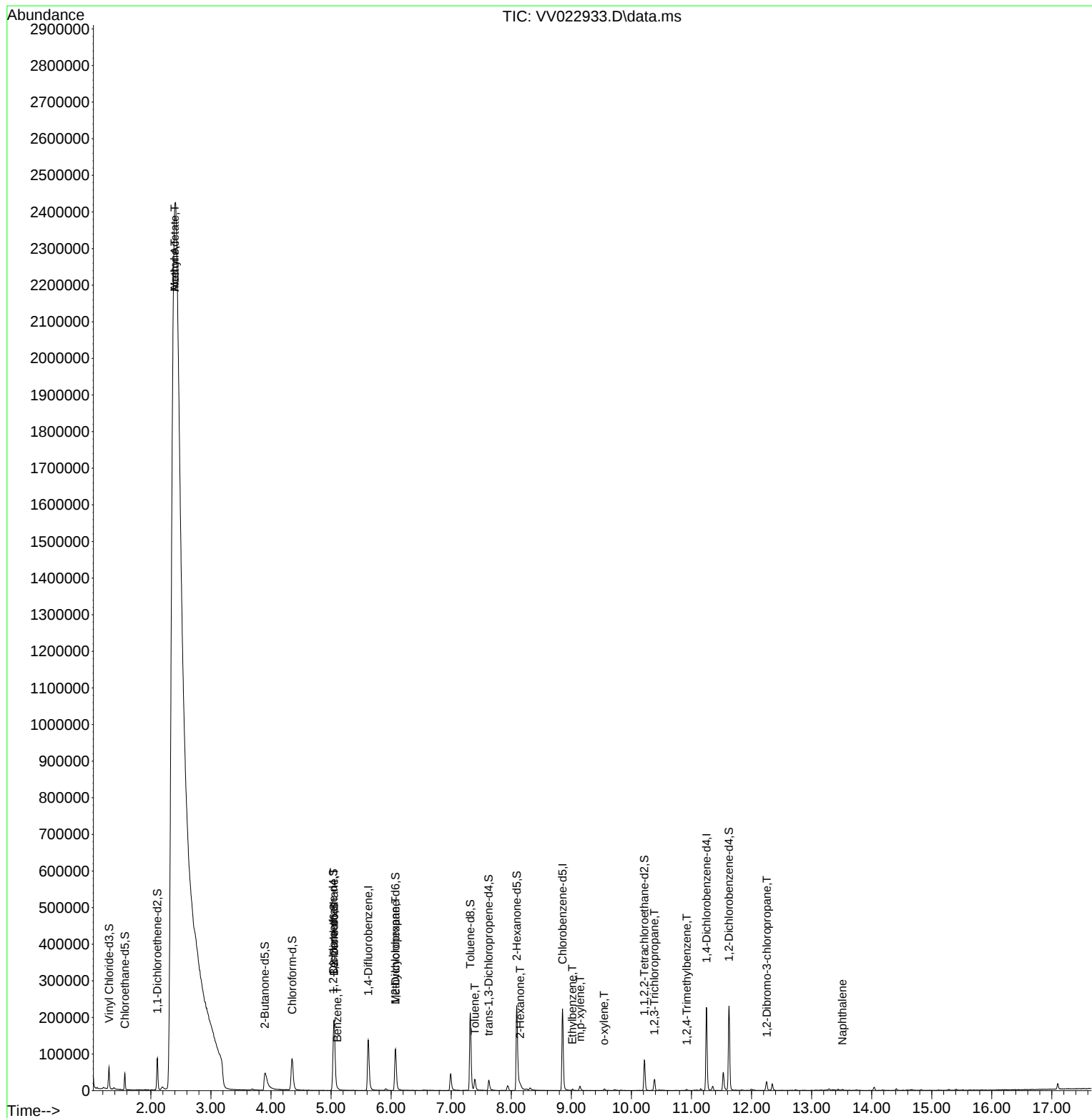
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123536	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31663	3.725	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.568	69	26619	3.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.108	63	44172	2.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.000%#
20) 2-Butanone-d5	3.899	46	99847	44.803	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	4.352	84	89893	5.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.037	65	42468	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.050	84	174993	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.072	67	56575	5.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.317	98	140500	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.625	79	16798	4.488	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.092	63	87669	58.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41136	5.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	61483	5.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds			Qvalue			
13) Acetone	2.397	43	1200713	966.206	ug/L	69
15) Methyl Acetate	2.397	43	1200713	337.686	ug/L #	50
27) 1,2-Dichloroethane	5.050	62	675	0.080	ug/L #	69
33) Benzene	5.101	78	2574	0.075	ug/L	100
35) Methylcyclohexane	6.072	83	13809	1.051	ug/L #	17
42) Toluene	7.394	91	23205	0.663	ug/L	95
48) 2-Hexanone	8.146	43	4518	1.387	ug/L #	37
52) Ethylbenzene	9.018	91	2675	0.075	ug/L	85
53) m,p-xylene	9.146	106	3535	0.254	ug/L	94
54) o-xylene	9.545	106	1188	0.091	ug/L	71
61) 1,2,3-Trichloropropane	10.381	75	275	0.065	ug/L #	37
63) 1,2,4-Trimethylbenzene	10.921	105	1704	0.068	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.252	75	774	1.007	ug/L #	1
71) Naphthalene	13.513	128	1864	0.126	ug/L #	79

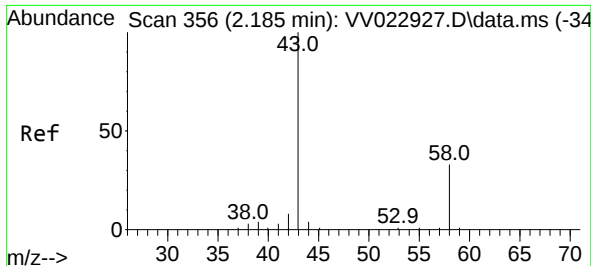
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

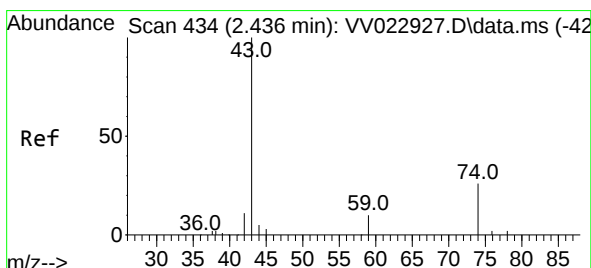
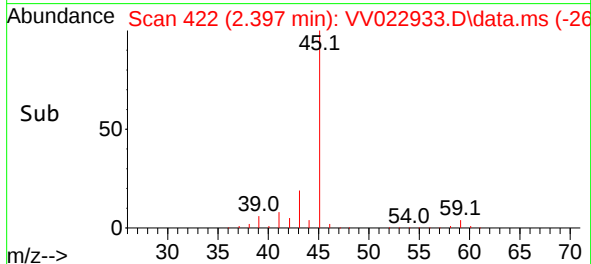
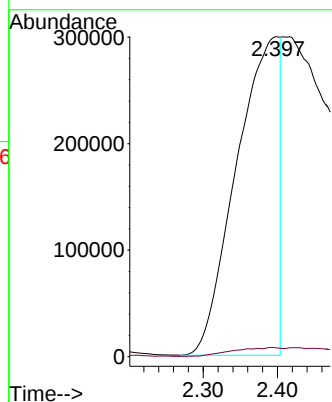
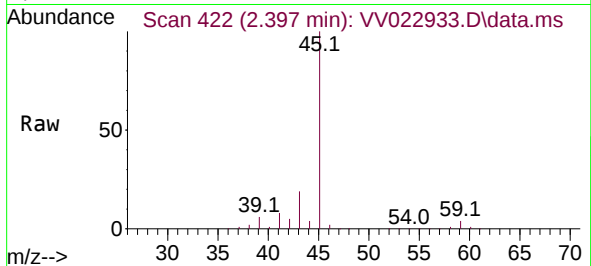




#13
Acetone
Concen: 966.206 ug/L
RT: 2.397 min Scan# 422
Delta R.T. 0.212 min
Lab File: VV022933.D
Acq: 20 Oct 2021 15:42

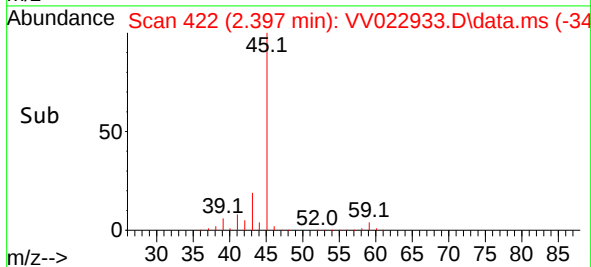
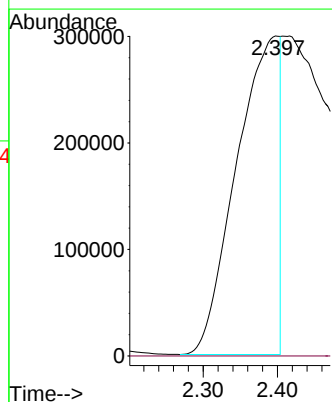
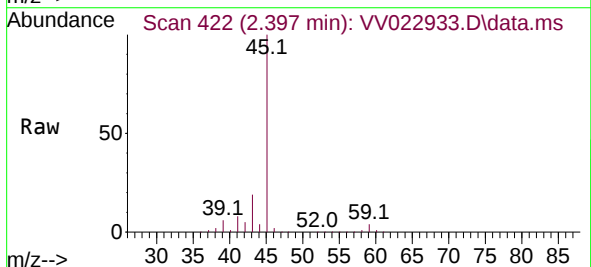
Instrument :
MSVOA_V
ClientSampleId :
BFGF1

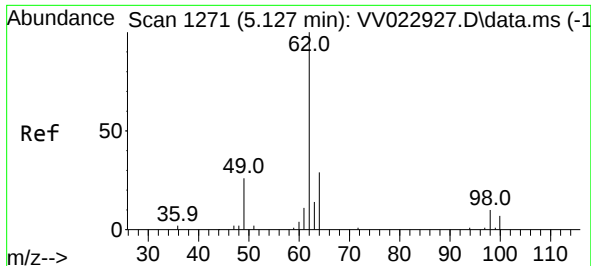
Tgt Ion: 43 Resp: 1200713
Ion Ratio Lower Upper
43 100
58 0.1 0.0 24.2



#15
Methyl Acetate
Concen: 337.686 ug/L
RT: 2.397 min Scan# 422
Delta R.T. -0.039 min
Lab File: VV022933.D
Acq: 20 Oct 2021 15:42

Tgt Ion: 43 Resp: 1200713
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#





#27

1,2-Dichloroethane

Concen: 0.080 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV022933.D

Acq: 20 Oct 2021 15:42

Tgt Ion: 62 Resp: 675

Ion Ratio Lower Upper

62 100

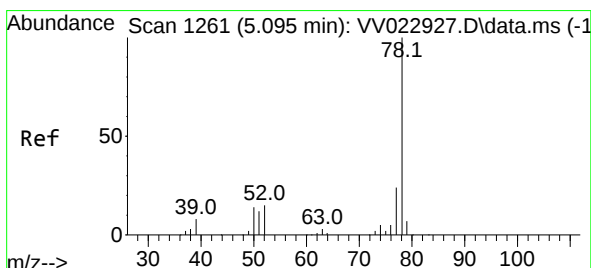
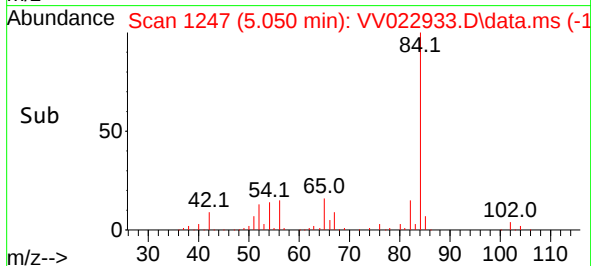
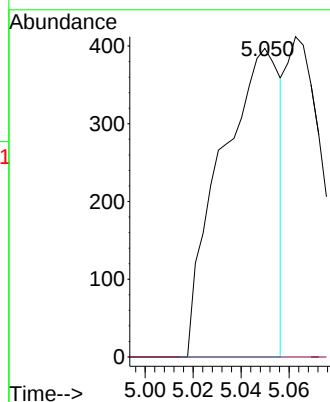
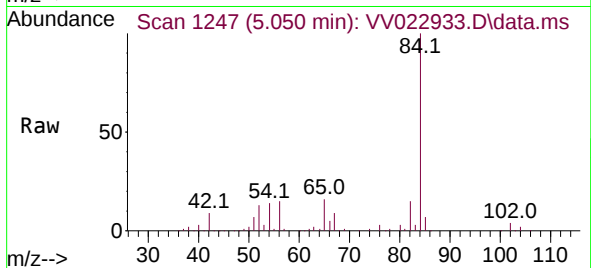
98 0.0 9.7 14.5#

Instrument :

MSVOA_V

ClientSampleId :

BFGF1



#33

Benzene

Concen: 0.075 ug/L

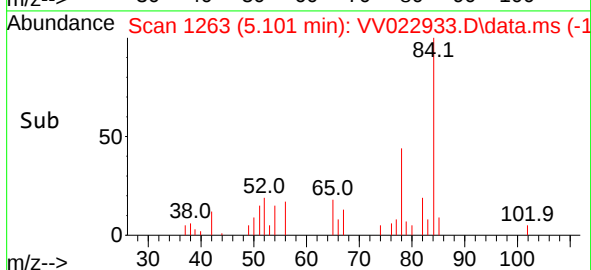
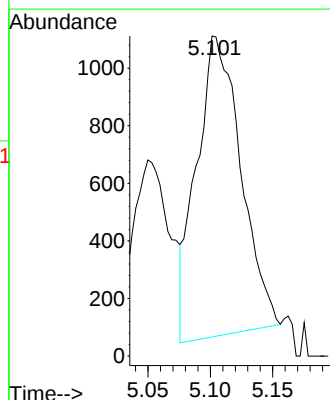
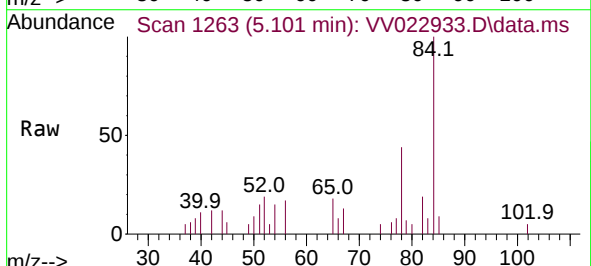
RT: 5.101 min Scan# 1263

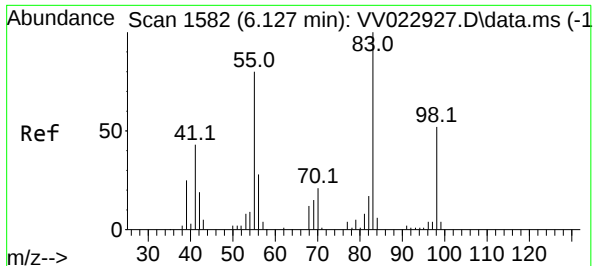
Delta R.T. 0.006 min

Lab File: VV022933.D

Acq: 20 Oct 2021 15:42

Tgt Ion: 78 Resp: 2574

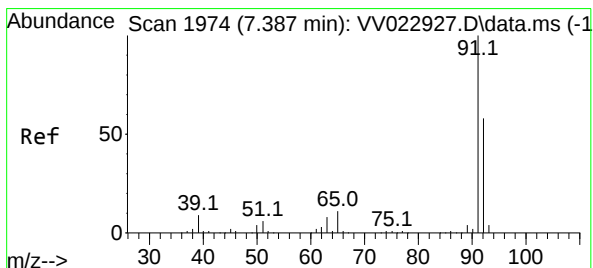
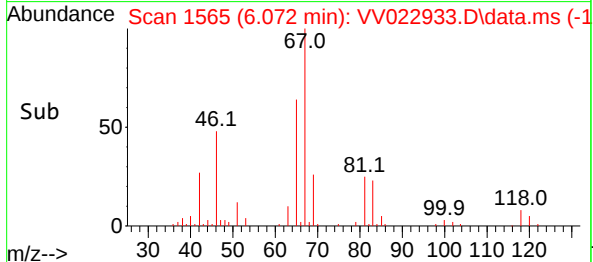
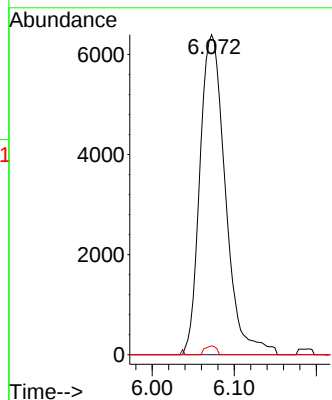
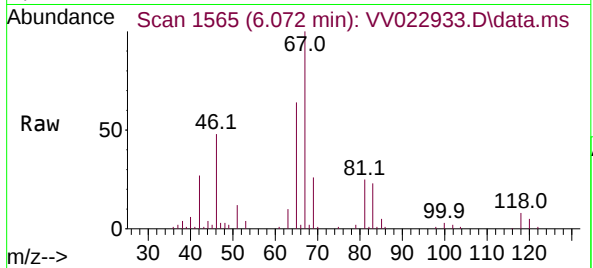




#35
Methylcyclohexane
Concen: 1.051 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022933.D
Acq: 20 Oct 2021 15:42

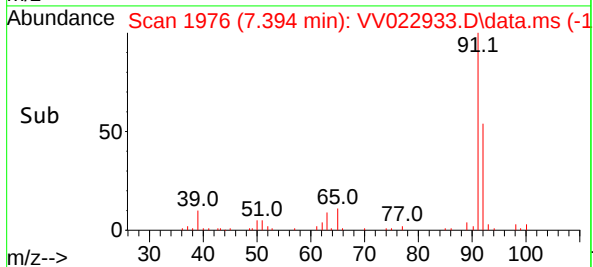
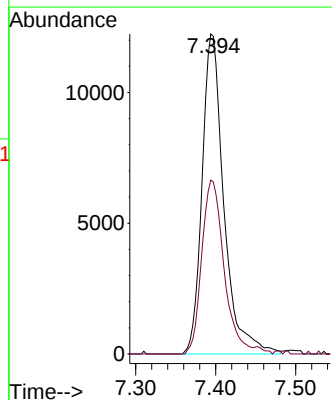
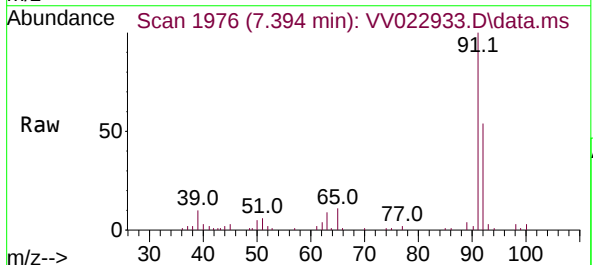
Instrument :
MSVOA_V
ClientSampleId :
BFGF1

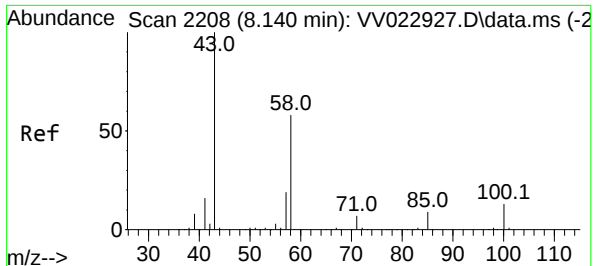
Tgt Ion:	83	Resp:	13809
Ion	Ratio	Lower	Upper
83	100		
55	0.1	63.8	95.6#
98	1.2	42.1	63.1#



#42
Toluene
Concen: 0.663 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV022933.D
Acq: 20 Oct 2021 15:42

Tgt Ion:	91	Resp:	23205
Ion	Ratio	Lower	Upper
91	100		
92	54.3	40.7	75.7

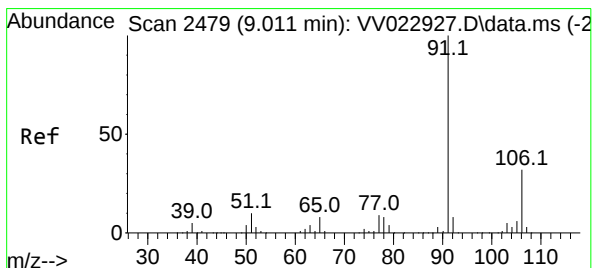
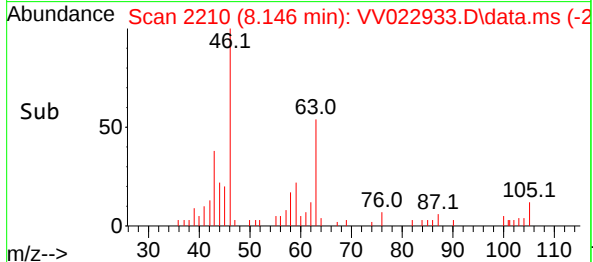
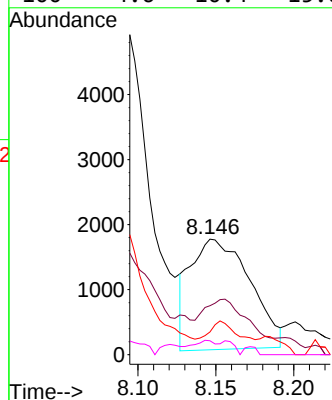
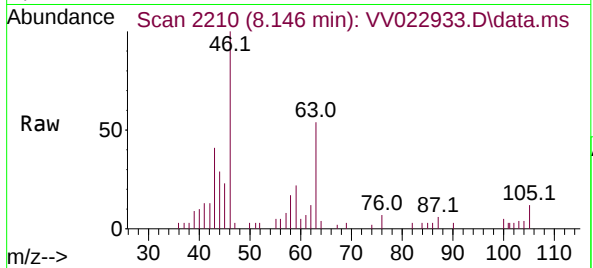




#48
2-Hexanone
Concen: 1.387 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV022933.D
Acq: 20 Oct 2021 15:42

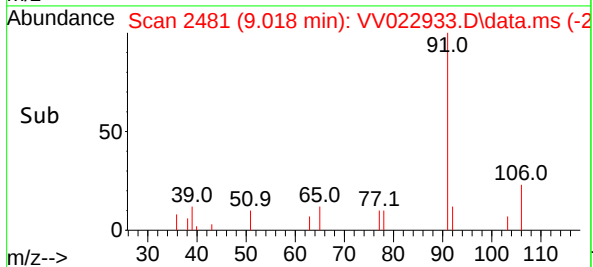
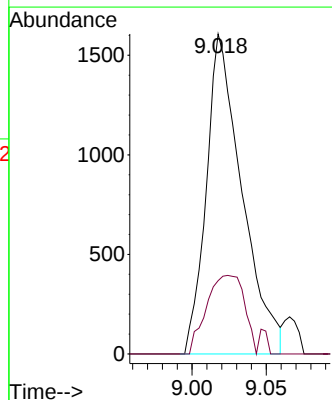
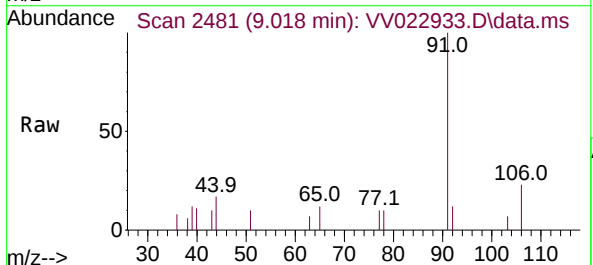
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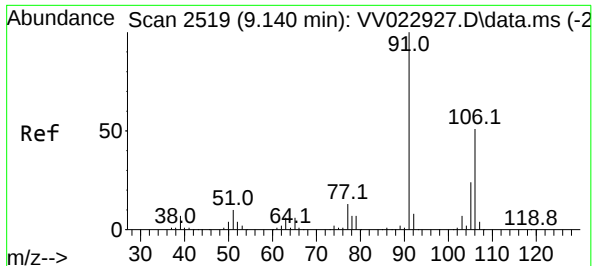
Tgt Ion: 43	Resp: 4518
Ion Ratio	Lower Upper
43 100	
58 0.0	47.4 71.0#
57 0.0	15.3 22.9#
100 4.6	10.4 15.6#



#52
Ethylbenzene
Concen: 0.075 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV022933.D
Acq: 20 Oct 2021 15:42

Tgt Ion: 91	Resp: 2675		
Ion Ratio	Lower	Upper	
91 100			
106 22.9	21.6	40.2	





#53

m,p-xylene

Concen: 0.254 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.006 min

Lab File: VV022933.D

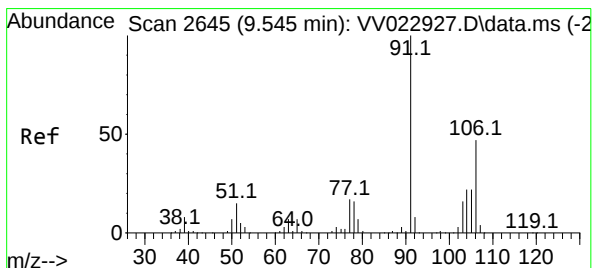
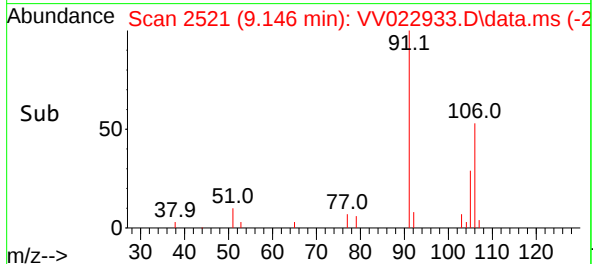
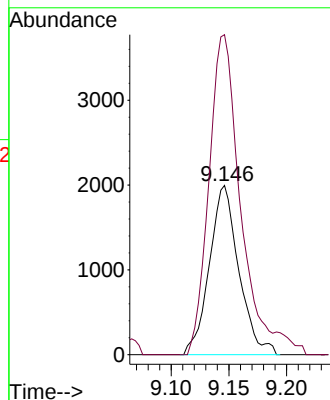
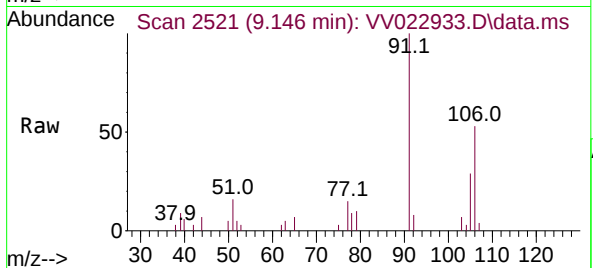
Acq: 20 Oct 2021 15:42

Tgt Ion:106 Resp: 3535

Ion Ratio Lower Upper

106 100

91 189.0 138.7 257.5



#54

o-xylene

Concen: 0.091 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV022933.D

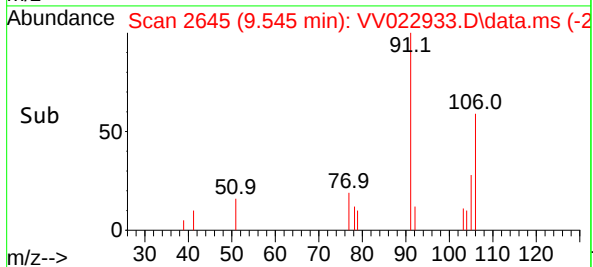
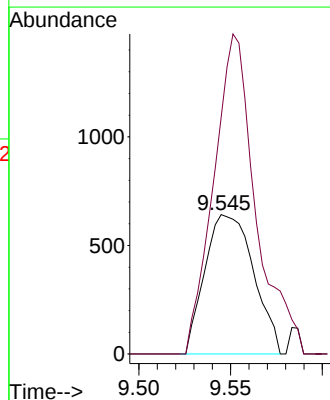
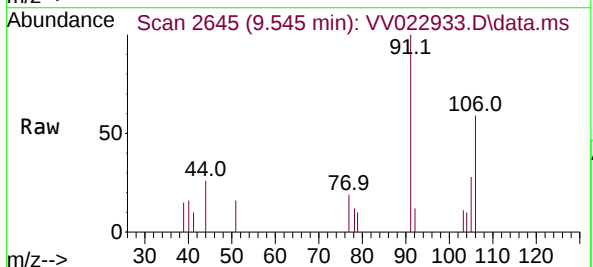
Acq: 20 Oct 2021 15:42

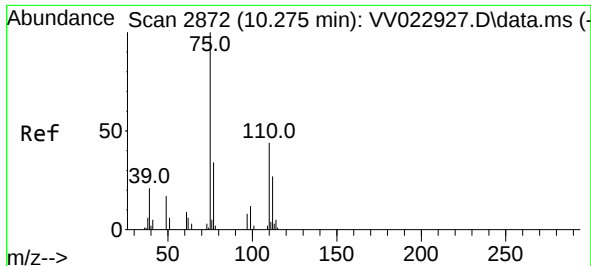
Tgt Ion:106 Resp: 1188

Ion Ratio Lower Upper

106 100

91 169.8 151.1 280.7

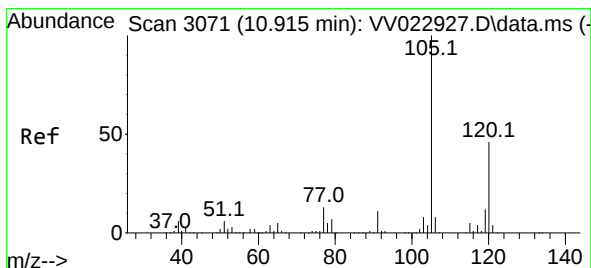
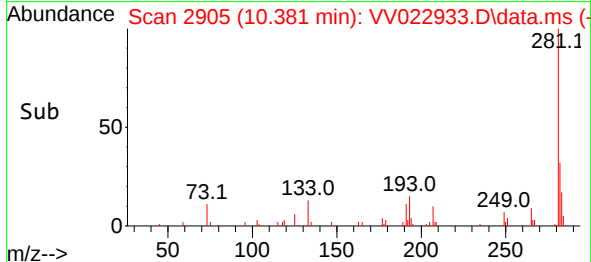
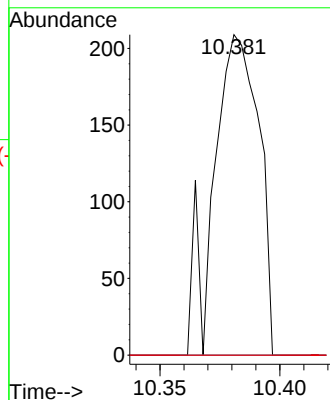
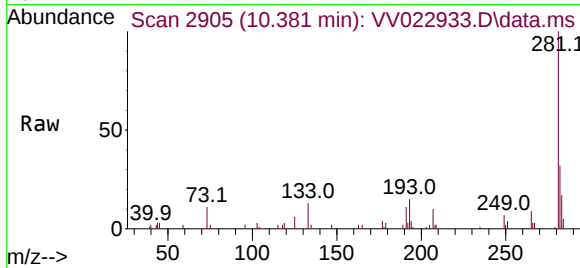




#61
1,2,3-Trichloropropane
Concen: 0.065 ug/L
RT: 10.381 min Scan# 2905
Delta R.T. 0.106 min
Lab File: VV022933.D
Acq: 20 Oct 2021 15:42

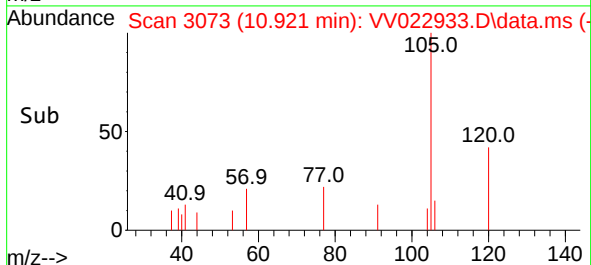
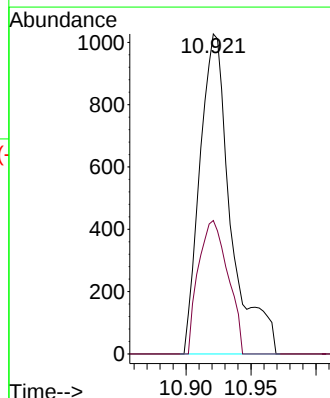
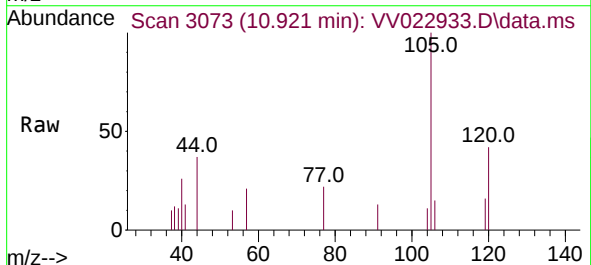
Instrument :
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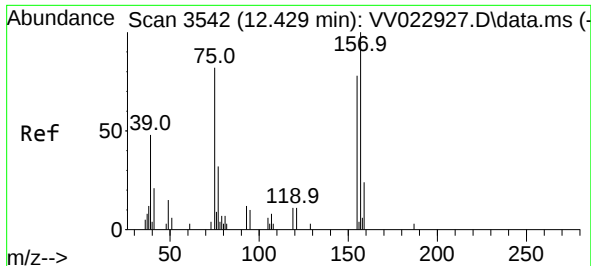
Tgt Ion: 75 Resp: 275
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#
110 0.0 34.2 51.4#



#63
1,2,4-Trimethylbenzene
Concen: 0.068 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV022933.D
Acq: 20 Oct 2021 15:42

Tgt Ion: 105 Resp: 1704
Ion Ratio Lower Upper
105 100
120 39.7 37.3 55.9

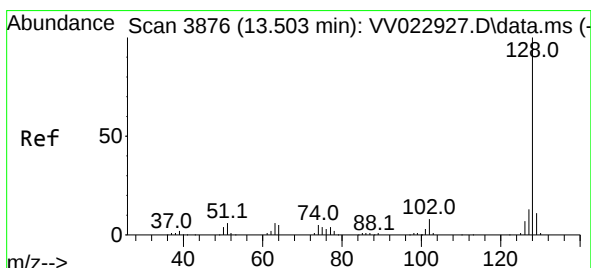
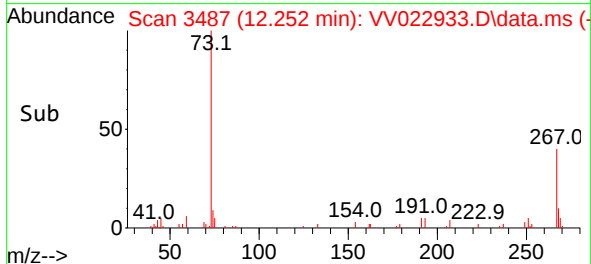
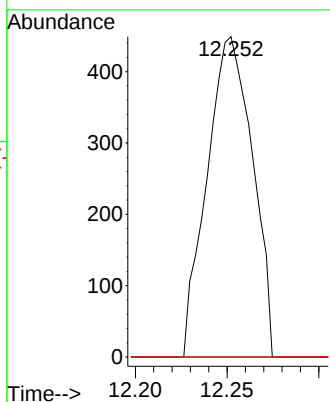
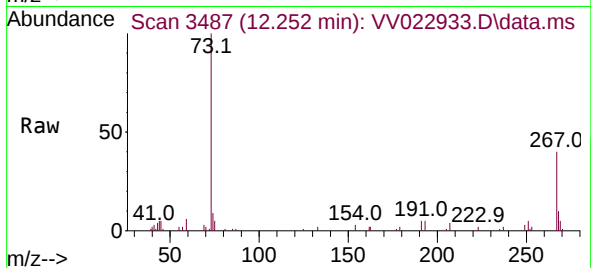




#68
1,2-Dibromo-3-chloropropane
Concen: 1.007 ug/L
RT: 12.252 min Scan# 3487
Delta R.T. -0.177 min
Lab File: VV022933.D
Acq: 20 Oct 2021 15:42

Instrument :
MSVOA_V
ClientSampled :
BFGF1

Tgt Ion: 75 Resp: 774
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#



#71
Naphthalene
Concen: 0.126 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022933.D
Acq: 20 Oct 2021 15:42

Tgt Ion: 128 Resp: 1864
Ion Ratio Lower Upper
128 100
129 0.0 9.3 13.9#
127 7.9 10.8 16.2#

