

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102721\
 Data File : VV023062.D
 Acq On : 27 Oct 2021 16:46
 Operator : SY/MD
 Sample : M4277-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG9

Quant Time: Oct 28 01:47:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133876	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	135343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57844	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	47759	4.083	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.568	69	36689	5.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.108	63	44281	2.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.400%#
20) 2-Butanone-d5	3.899	46	107174	57.111	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.220%
24) Chloroform-d	4.352	84	99528	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.034	65	46315	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.053	84	191908	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.069	67	61093	5.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.320	98	162162	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	19433	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.091	63	75183	47.648	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39507	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	57918	5.612	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.200%

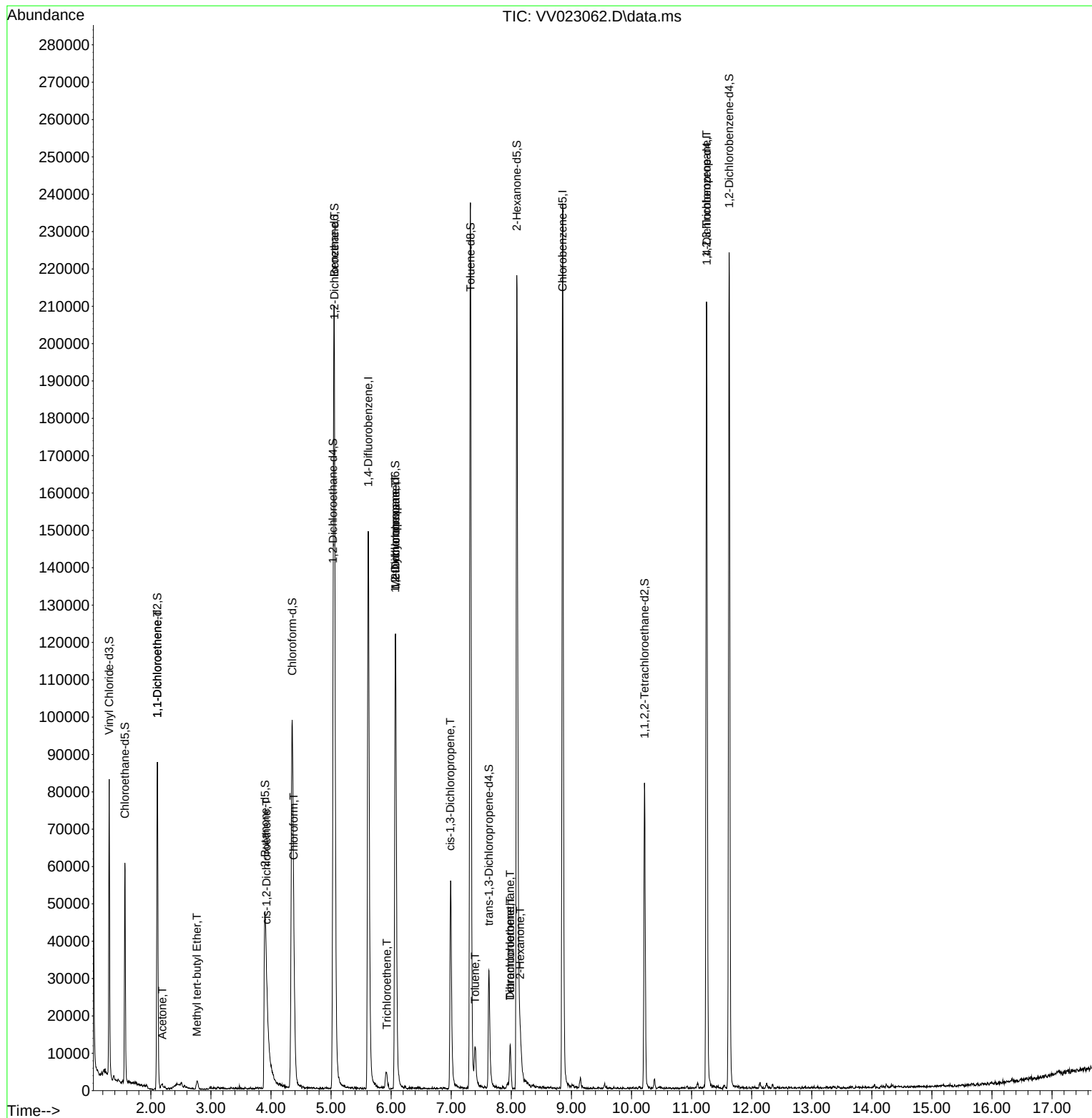
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.108	96	429	0.063	ug/L #	1
13) Acetone	2.191	43	1550	1.684	ug/L	77
17) Methyl tert-butyl Ether	2.767	73	2289	0.140	ug/L #	90
22) cis-1,2-Dichloroethene	3.924	96	824	0.099	ug/L #	72
25) Chloroform	4.378	83	24243	1.365	ug/L	93
27) 1,2-Dichloroethane	5.056	62	1128	0.120	ug/L #	72
34) Trichloroethene	5.928	95	620	0.068	ug/L #	70
35) Methylcyclohexane	6.072	83	14973	1.143	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6648	0.724	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1410	0.123	ug/L #	61
42) Toluene	7.397	91	8155	0.221	ug/L	90
47) Tetrachloroethene	7.982	164	2806	0.363	ug/L	94
48) 2-Hexanone	8.146	43	7236	2.256	ug/L #	87
49) Dibromochloromethane	7.982	129	2519	0.330	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6527	1.603	ug/L #	64

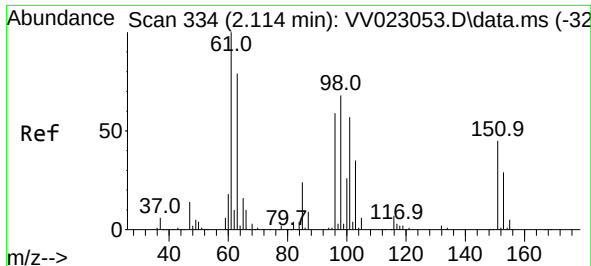
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 28 01:43:46 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023062.D

Acq: 27 Oct 2021 16:46

Instrument :

MSVOA_V

ClientSampleId :

BFGB9

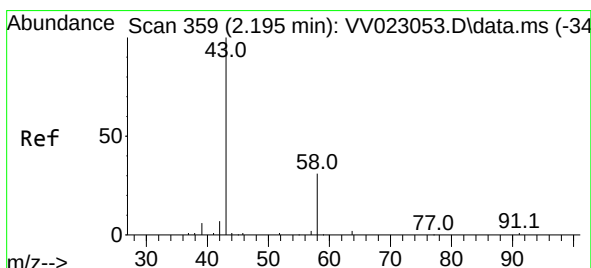
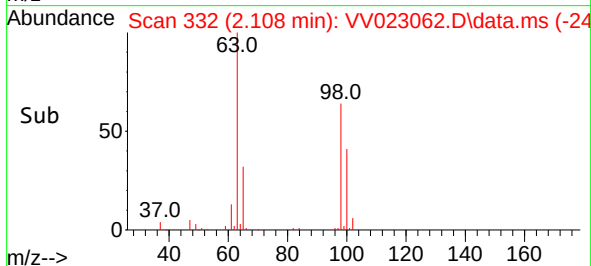
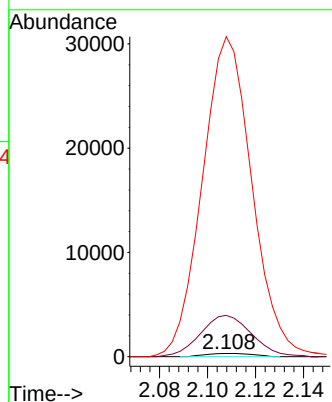
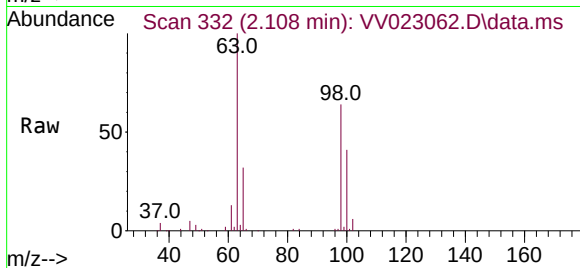
Tgt Ion: 96 Resp: 429

Ion Ratio Lower Upper

96 100

61 1281.6 121.5 225.7#

63 9934.0 99.6 185.0#



#13

Acetone

Concen: 1.684 ug/L

RT: 2.191 min Scan# 358

Delta R.T. -0.003 min

Lab File: VV023062.D

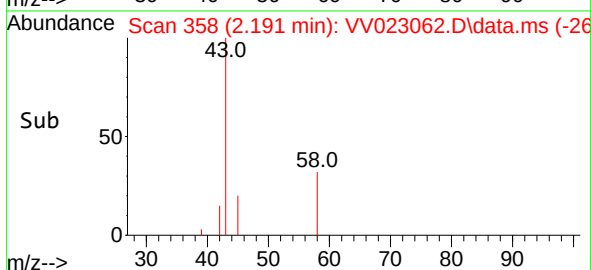
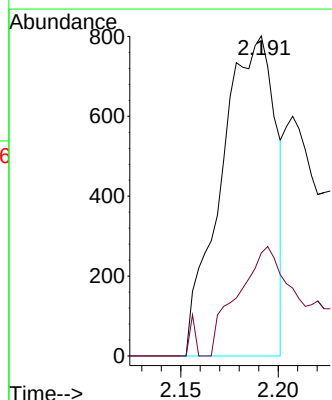
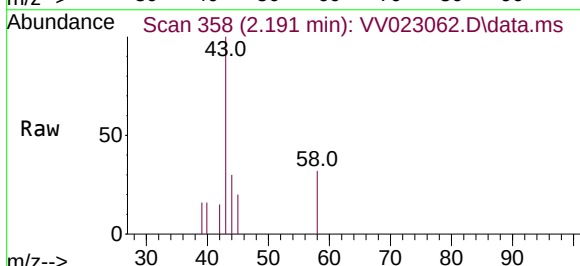
Acq: 27 Oct 2021 16:46

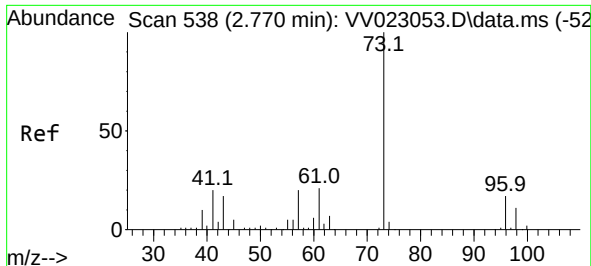
Tgt Ion: 43 Resp: 1550

Ion Ratio Lower Upper

43 100

58 39.7 0.0 55.4

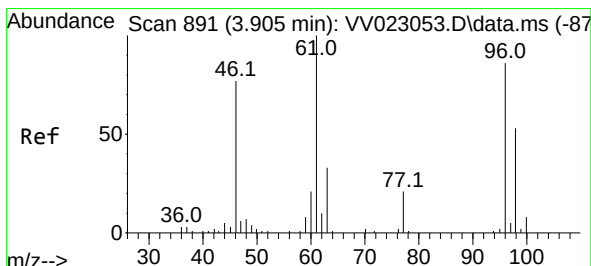
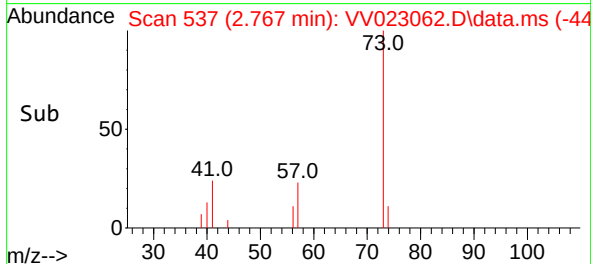
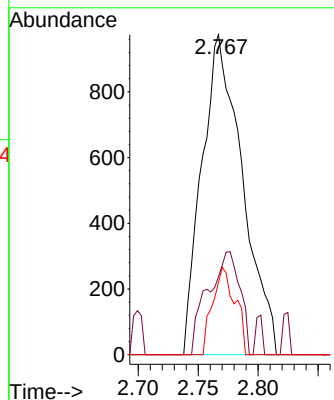
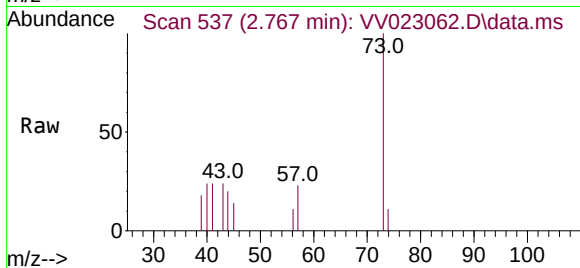




#17
Methyl tert-butyl Ether
Concen: 0.140 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023062.D
Acq: 27 Oct 2021 16:46

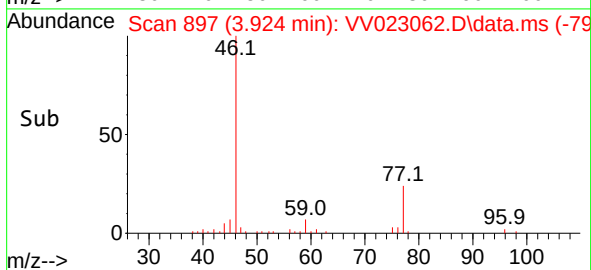
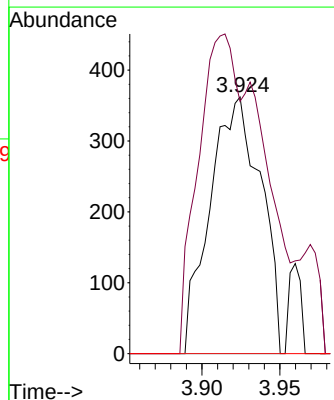
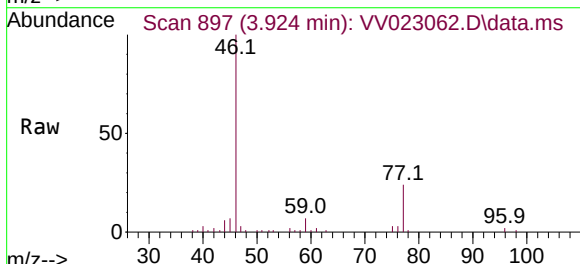
Instrument :
MSVOA_V
ClientSampleId :
BFG9

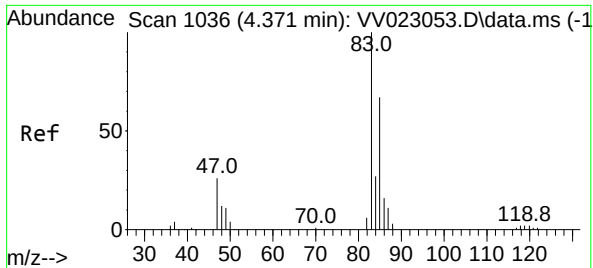
Tgt Ion: 73 Resp: 2289
Ion Ratio Lower Upper
73 100
43 25.4 17.4 26.0
57 15.2 16.5 24.7#



#22
cis-1,2-Dichloroethene
Concen: 0.099 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.019 min
Lab File: VV023062.D
Acq: 27 Oct 2021 16:46

Tgt Ion: 96 Resp: 824
Ion Ratio Lower Upper
96 100
61 98.3 92.3 171.3
68 0.0 0.4 0.8#

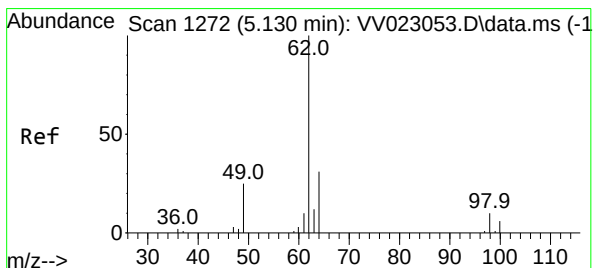
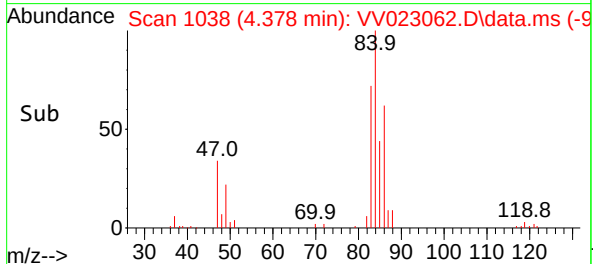
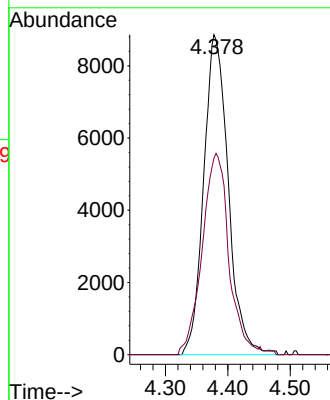
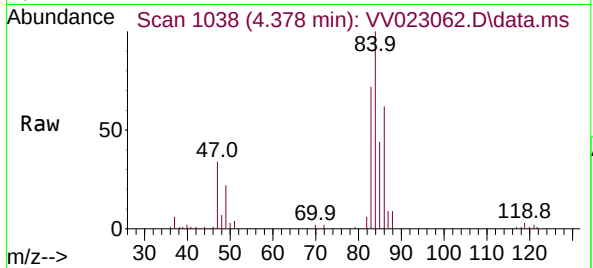




#25
Chloroform
Concen: 1.365 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV023062.D
Acq: 27 Oct 2021 16:46

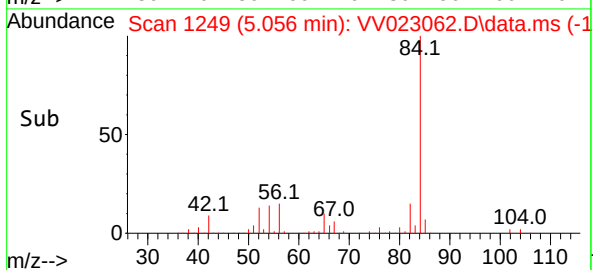
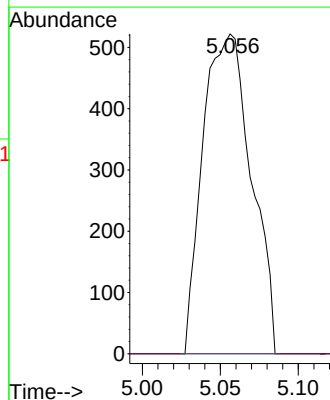
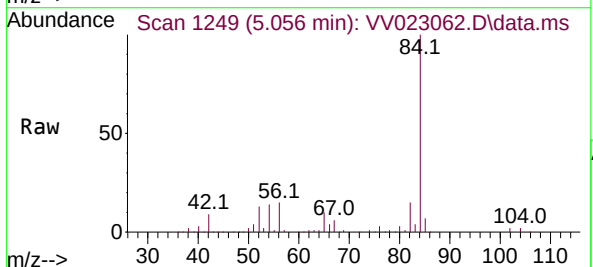
Instrument :
MSVOA_V
ClientSampleId :
BFGB9

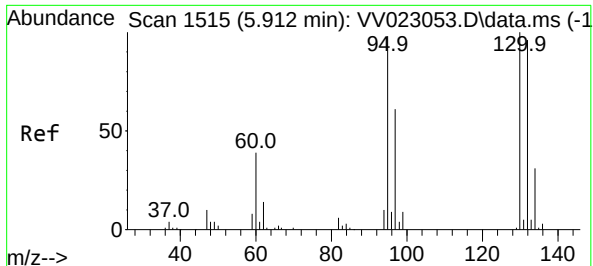
Tgt Ion: 83 Resp: 24243
Ion Ratio Lower Upper
83 100
85 61.4 46.8 86.8



#27
1,2-Dichloroethane
Concen: 0.120 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV023062.D
Acq: 27 Oct 2021 16:46

Tgt Ion: 62 Resp: 1128
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



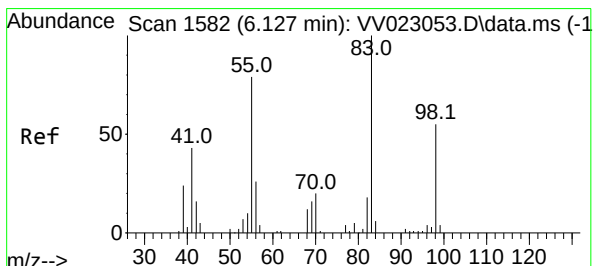
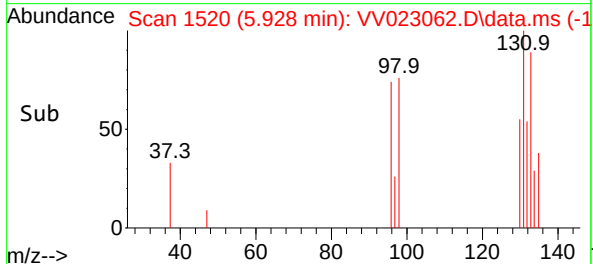
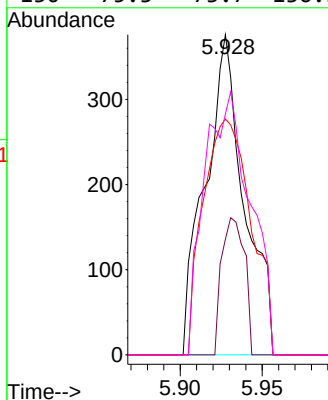
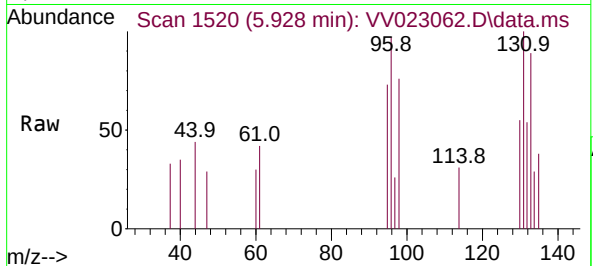


#34
Trichloroethene
Concen: 0.068 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV023062.D
Acq: 27 Oct 2021 16:46

Instrument :
MSVOA_V
ClientSampleId :
BFG9

Tgt Ion: 95 Resp: 620

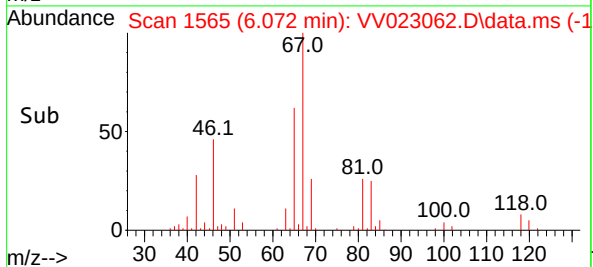
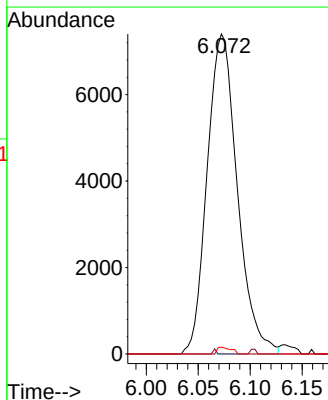
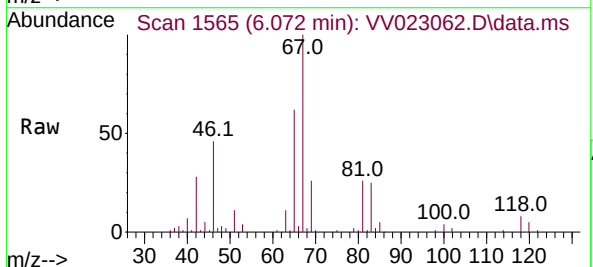
Ion	Ratio	Lower	Upper
95	100		
97	36.2	45.0	83.6#
132	73.7	69.7	129.4
130	75.3	73.7	136.9

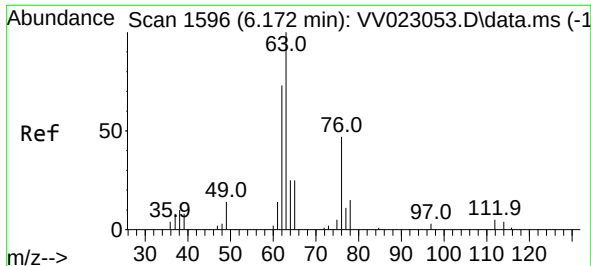


#35
Methylcyclohexane
Concen: 1.143 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023062.D
Acq: 27 Oct 2021 16:46

Tgt Ion: 83 Resp: 14973

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.8	94.2#
98	1.0	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.724 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023062.D

Acq: 27 Oct 2021 16:46

Instrument :

MSVOA_V

ClientSampleId :

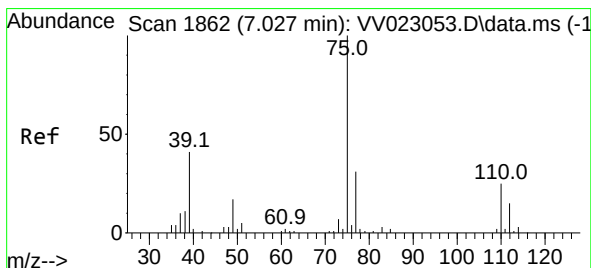
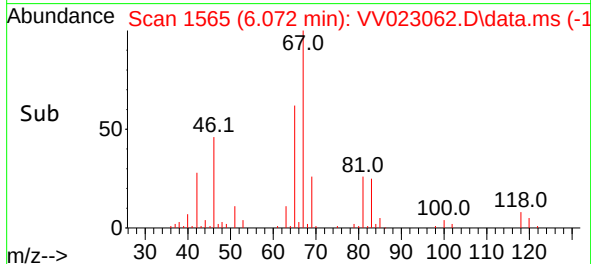
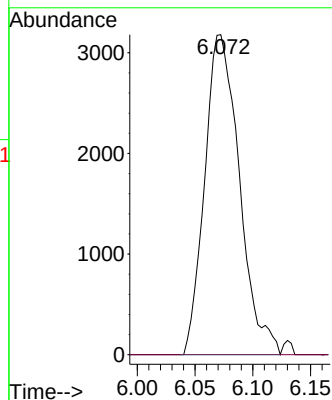
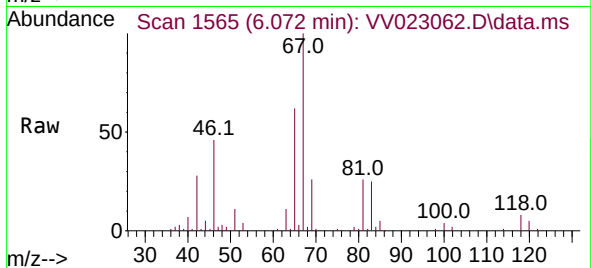
BFGB9

Tgt Ion: 63 Resp: 6648

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV023062.D

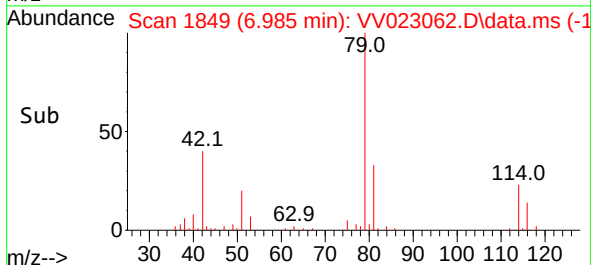
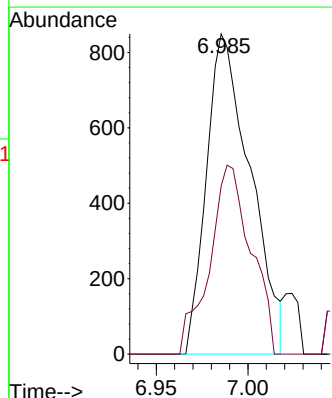
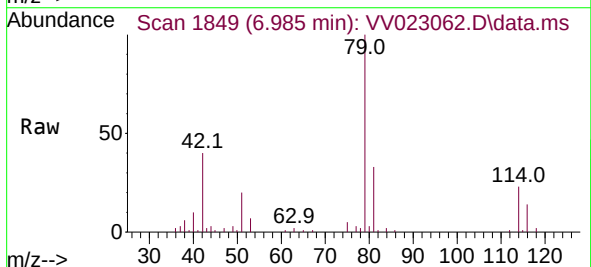
Acq: 27 Oct 2021 16:46

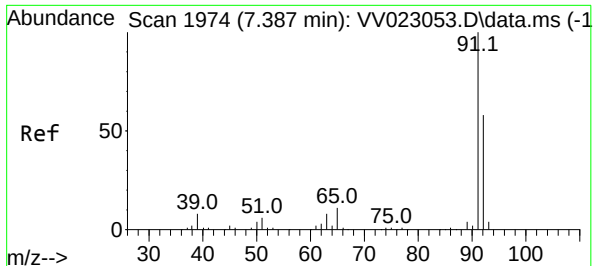
Tgt Ion: 75 Resp: 1410

Ion Ratio Lower Upper

75 100

77 52.5 21.6 40.2#





#42

Toluene

Concen: 0.221 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV023062.D

Acq: 27 Oct 2021 16:46

Instrument :

MSVOA_V

ClientSampleId :

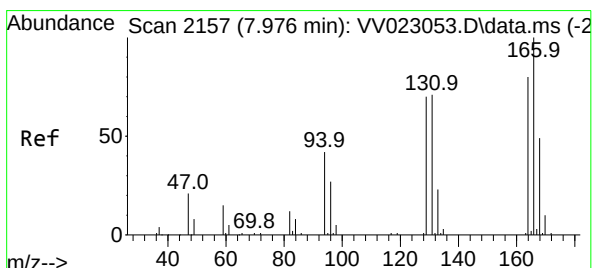
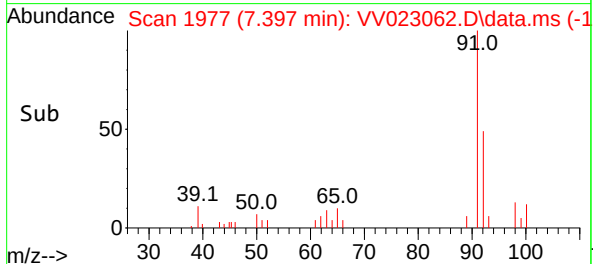
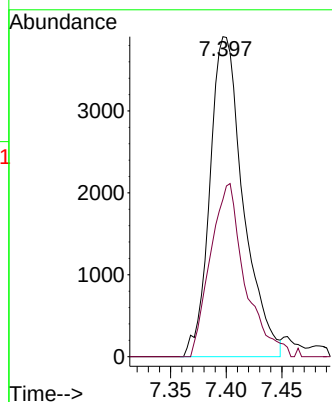
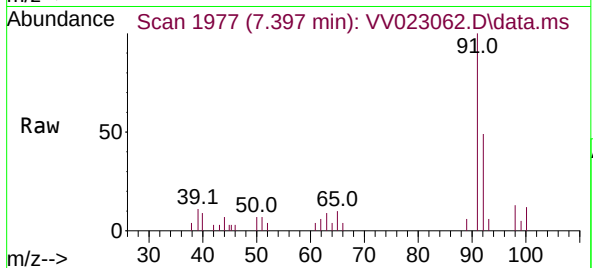
BFGB9

Tgt Ion: 91 Resp: 8155

Ion Ratio Lower Upper

91 100

92 49.1 39.3 72.9



#47

Tetrachloroethene

Concen: 0.363 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV023062.D

Acq: 27 Oct 2021 16:46

Tgt Ion: 164 Resp: 2806

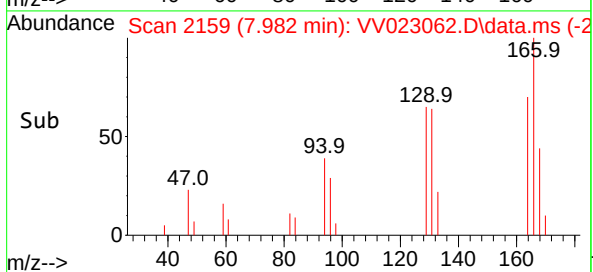
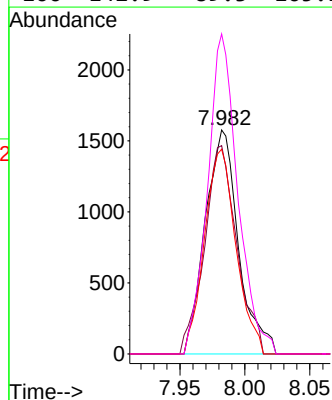
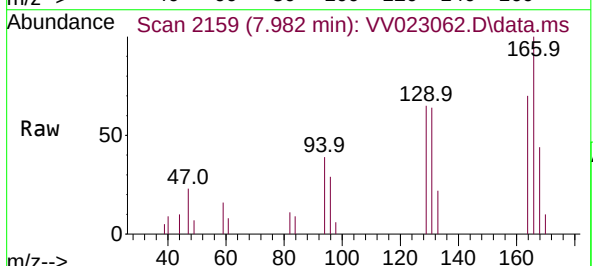
Ion Ratio Lower Upper

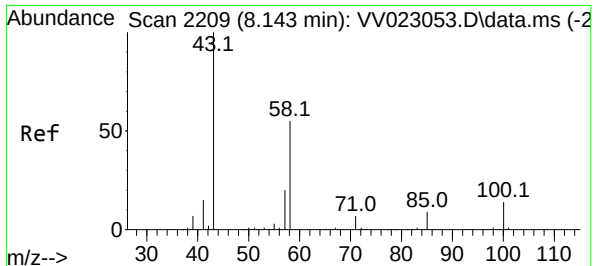
164 100

129 93.0 64.0 119.0

131 91.4 63.4 117.8

166 142.9 89.3 165.9





#48

2-Hexanone

Concen: 2.256 ug/L

RT: 8.146 min Scan# 2159

Delta R.T. 0.003 min

Lab File: VV023062.D

Acq: 27 Oct 2021 16:46

Instrument :

MSVOA_V

ClientSampleId :

BFG9

Tgt Ion: 43 Resp: 7236

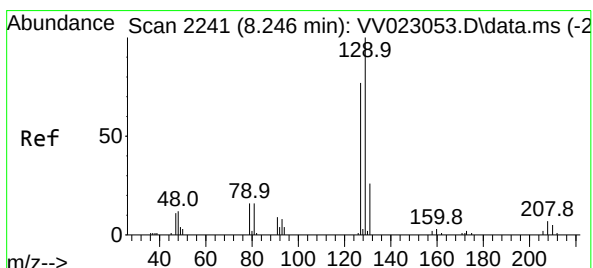
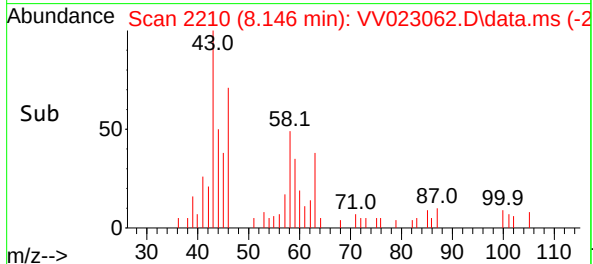
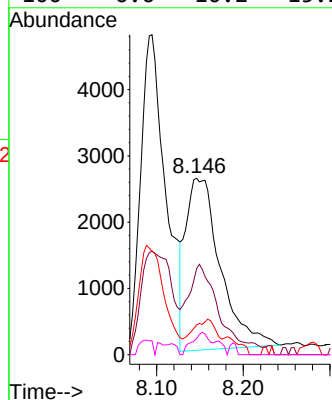
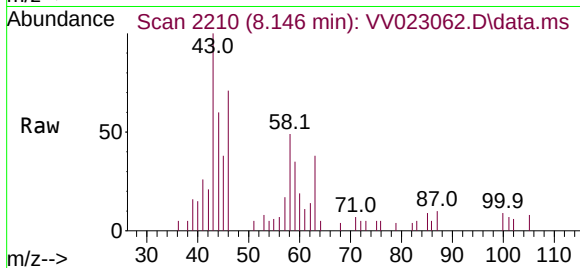
Ion Ratio Lower Upper

43 100

58 48.3 43.7 65.5

57 7.7 14.1 21.1#

100 6.6 10.2 15.2#



#49

Dibromochloromethane

Concen: 0.330 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV023062.D

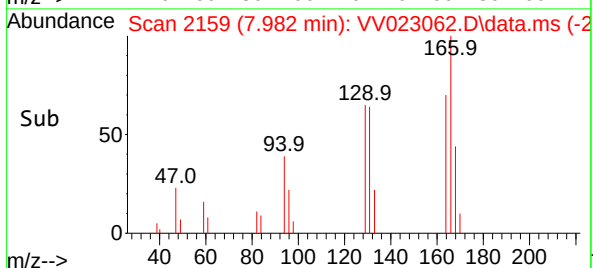
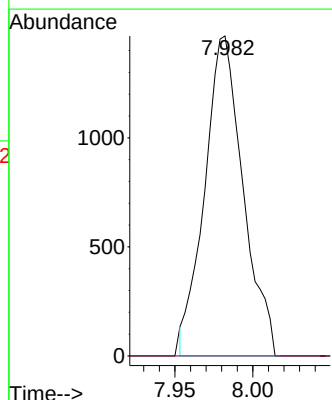
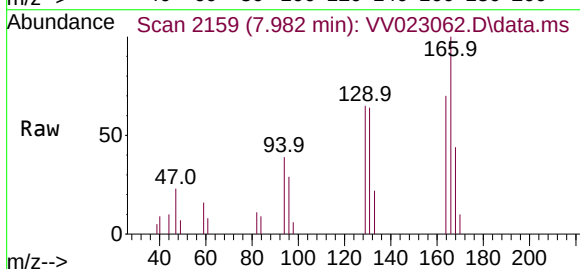
Acq: 27 Oct 2021 16:46

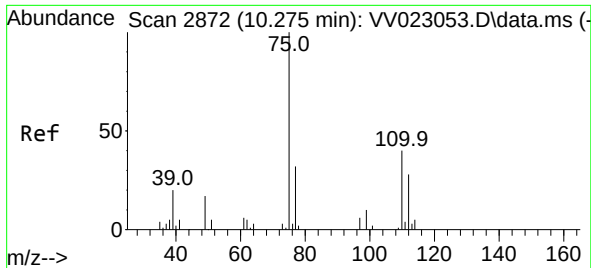
Tgt Ion: 129 Resp: 2519

Ion Ratio Lower Upper

129 100

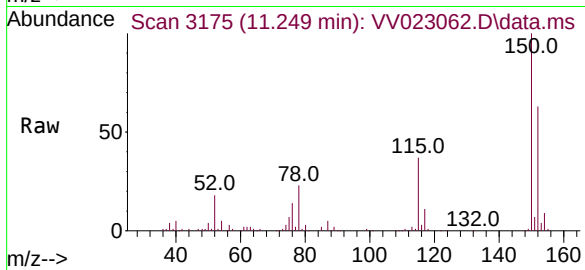
127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.603 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023062.D
 Acq: 27 Oct 2021 16:46

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG9



Tgt Ion: 75	Resp:	6527
Ion	Ratio	Lower Upper
75	100	
77	36.3	26.6 39.8
110	2.3	31.8 47.6#

