

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023987.D
 Acq On : 15 Dec 2021 17:38
 Operator : SY/MD
 Sample : M4971-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3D6

Quant Time: Dec 16 04:51:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

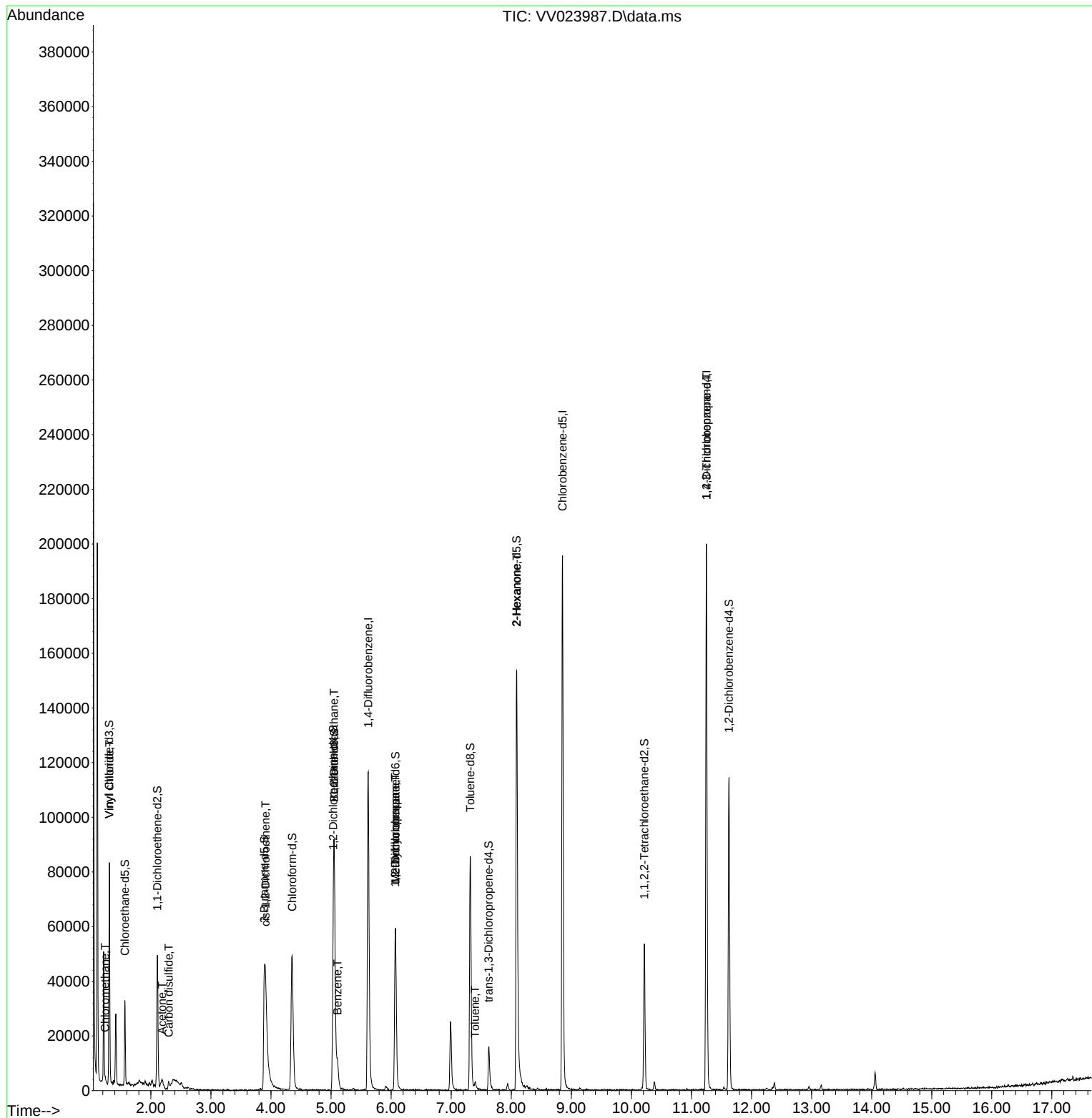
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	104144	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	110153	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17109	3.056	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.200%	
7) Chloroethane-d5	1.568	69	17638	3.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.600%	
11) 1,1-Dichloroethene-d2	2.108	63	24020	2.198	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	44.000%#	
20) 2-Butanone-d5	3.889	46	68032	62.197	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.400%	
24) Chloroform-d	4.352	84	50870	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
26) 1,2-Dichloroethane-d4	5.037	65	26775	4.535	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	5.053	84	80499	3.690	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.800%	
36) 1,2-Dichloropropane-d6	6.072	67	27617	4.196	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.320	98	60112	3.060	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.200%#	
43) trans-1,3-Dichloroprop...	7.625	79	9583	3.509	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.200%	
46) 2-Hexanone-d5	8.088	63	52298	42.782	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.560%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23330	4.273	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	30717	4.221	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	875	0.113	ug/L	98
5) Vinyl chloride	1.310	62	22304	2.655	ug/L	96
13) Acetone	2.185	43	6429	7.347	ug/L	79
14) Carbon disulfide	2.297	76	2923	0.144	ug/L #	86
22) cis-1,2-Dichloroethene	3.908	96	1282	0.157	ug/L	98
27) 1,2-Dichloroethane	5.047	62	561	0.067	ug/L #	73
33) Benzene	5.108	78	10446	0.335	ug/L	100
35) Methylcyclohexane	6.072	83	7543	0.583	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	3286	0.444	ug/L #	84
42) Toluene	7.397	91	2333	0.067	ug/L	88
48) 2-Hexanone	8.091	43	6294	2.440	ug/L #	70
61) 1,2,3-Trichloropropane	11.249	75	5891	1.587	ug/L #	62

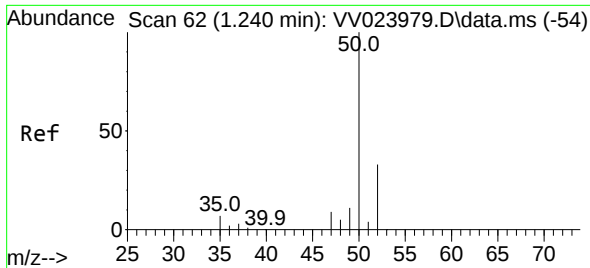
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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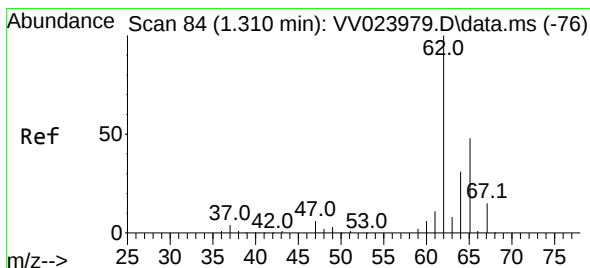
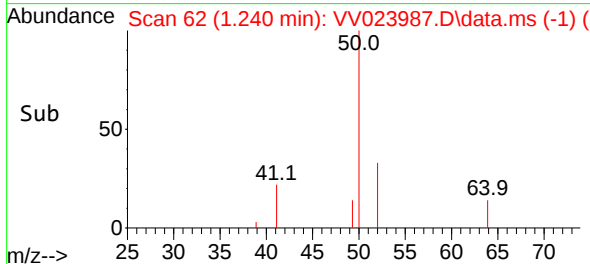
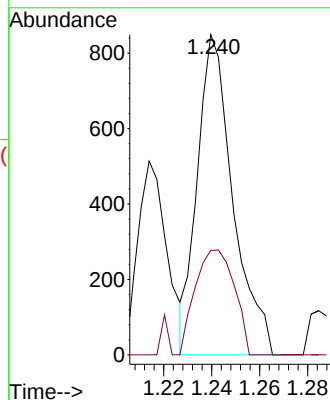
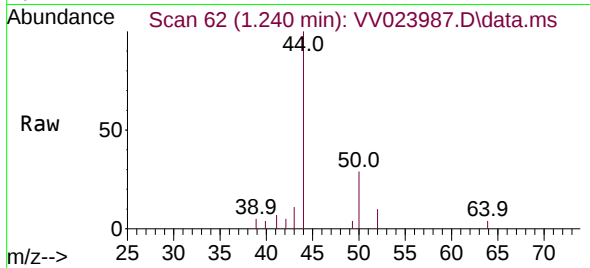




#3
Chloromethane
Concen: 0.113 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023987.D
Acq: 15 Dec 2021 17:38

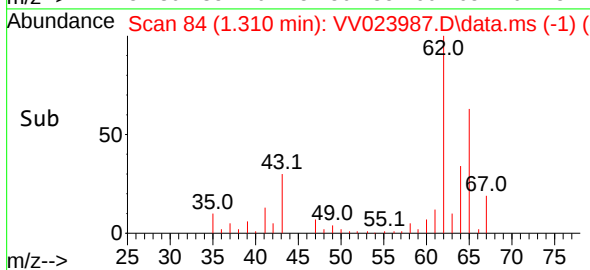
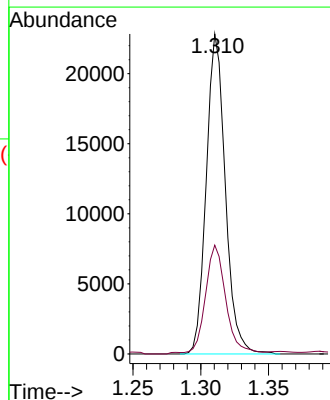
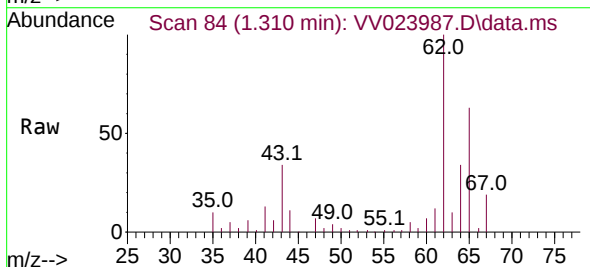
Instrument :
MSVOA_V
ClientSampleId :
BG3D6

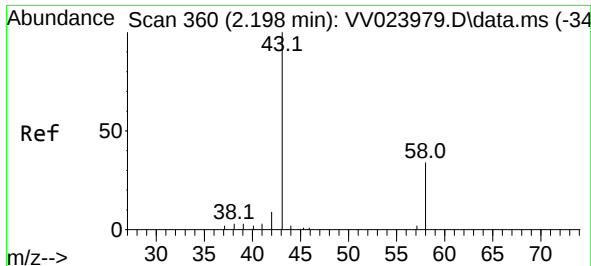
Tgt Ion: 50 Resp: 875
Ion Ratio Lower Upper
50 100
52 32.6 22.0 41.0



#5
Vinyl chloride
Concen: 2.655 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV023987.D
Acq: 15 Dec 2021 17:38

Tgt Ion: 62 Resp: 22304
Ion Ratio Lower Upper
62 100
64 34.0 22.4 41.6





#13

Acetone

Concen: 7.347 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023987.D

Acq: 15 Dec 2021 17:38

Instrument :

MSVOA_V

ClientSampleId :

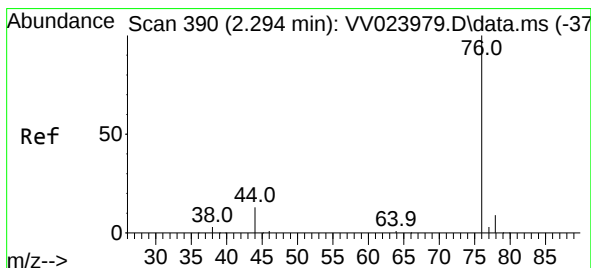
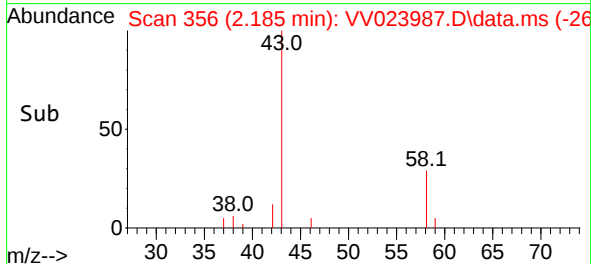
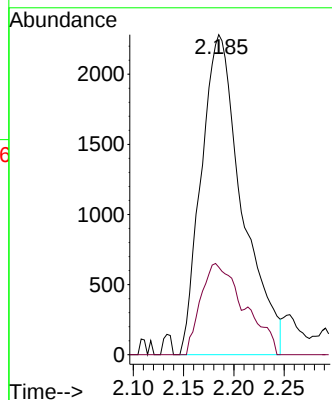
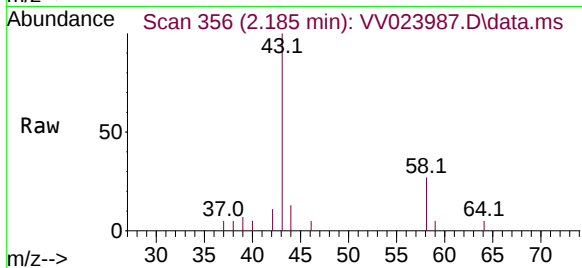
BG3D6

Tgt Ion: 43 Resp: 6429

Ion Ratio Lower Upper

43 100

58 30.5 0.0 41.4



#14

Carbon disulfide

Concen: 0.144 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023987.D

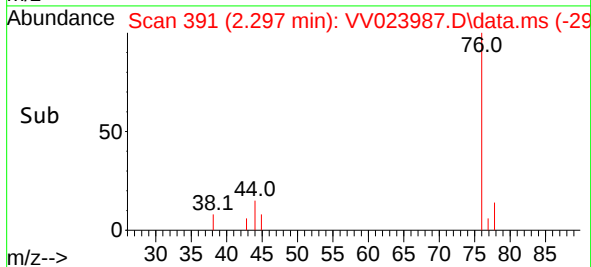
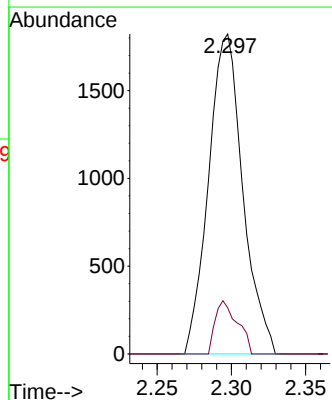
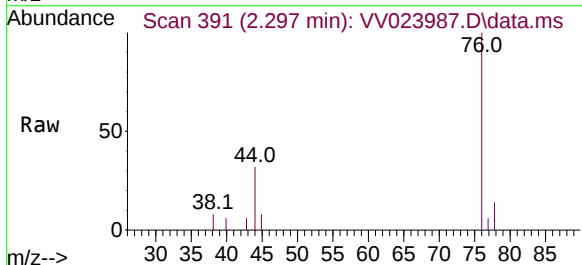
Acq: 15 Dec 2021 17:38

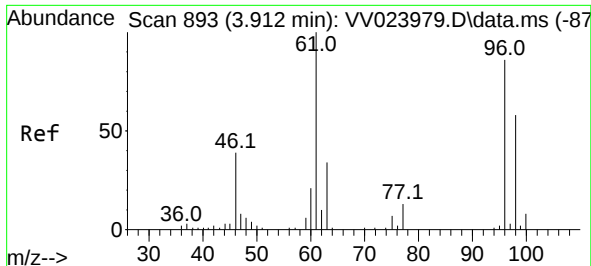
Tgt Ion: 76 Resp: 2923

Ion Ratio Lower Upper

76 100

78 14.4 7.5 11.3#

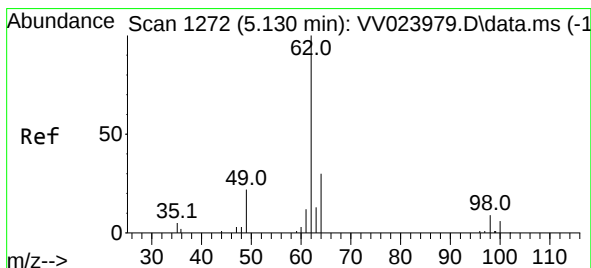
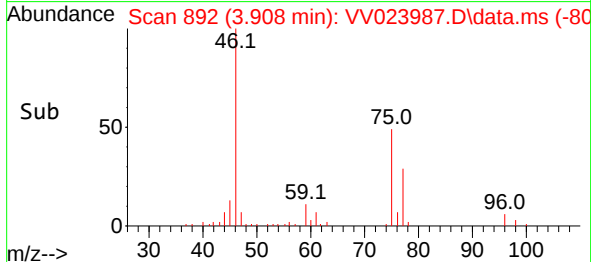
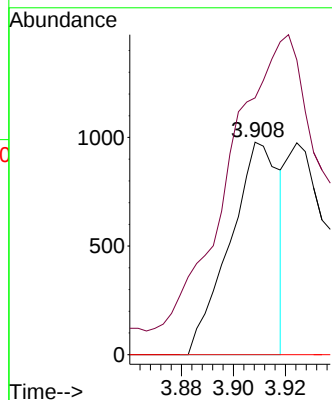
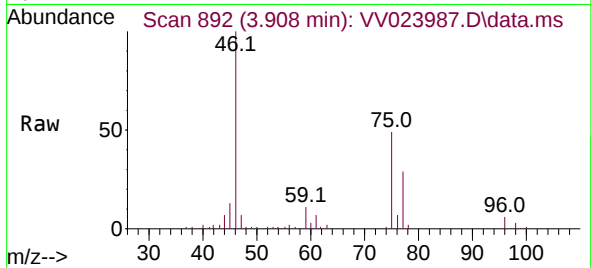




#22
 cis-1,2-Dichloroethene
 Concen: 0.157 ug/L
 RT: 3.908 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV023987.D
 Acq: 15 Dec 2021 17:38

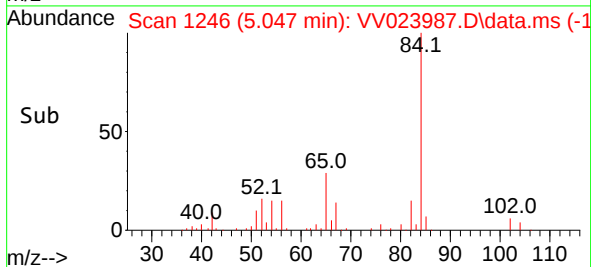
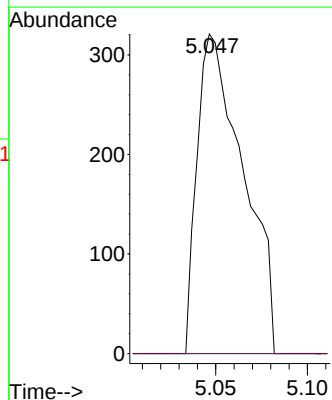
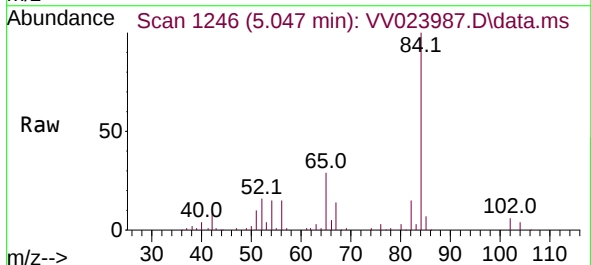
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3D6

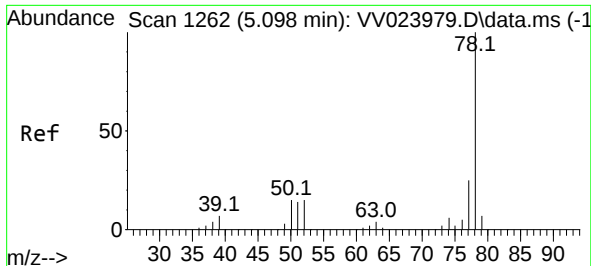
Tgt Ion: 96 Resp: 1282
 Ion Ratio Lower Upper
 96 100
 61 120.9 83.4 154.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.067 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.084 min
 Lab File: VV023987.D
 Acq: 15 Dec 2021 17:38

Tgt Ion: 62 Resp: 561
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.1 12.1#

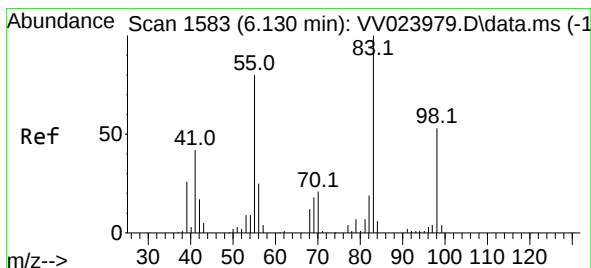
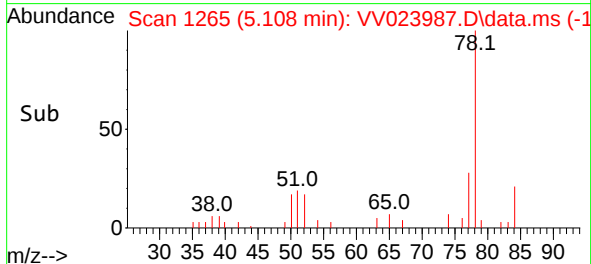
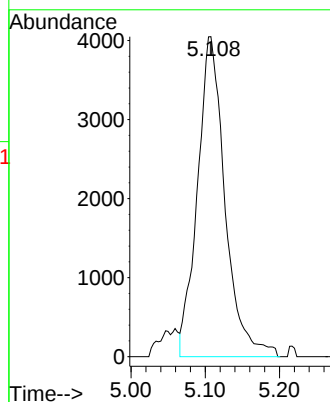
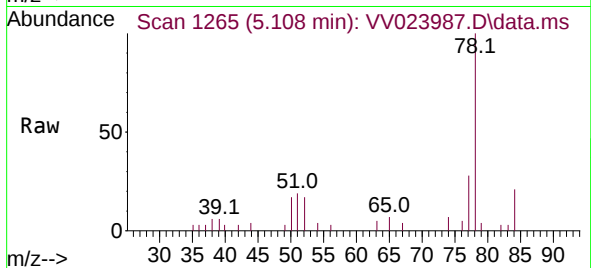




#33
Benzene
Concen: 0.335 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023987.D
Acq: 15 Dec 2021 17:38

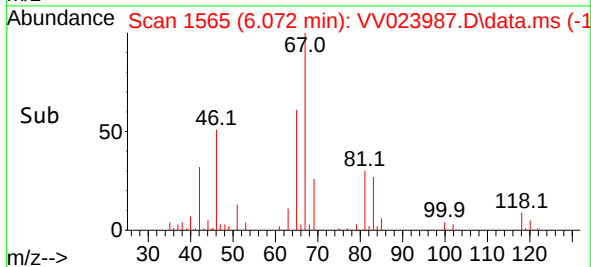
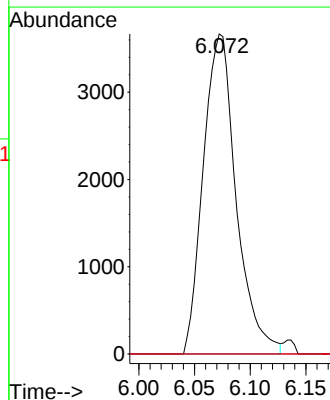
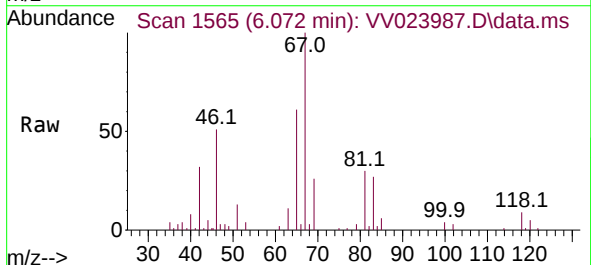
Instrument :
MSVOA_V
ClientSampleId :
BG3D6

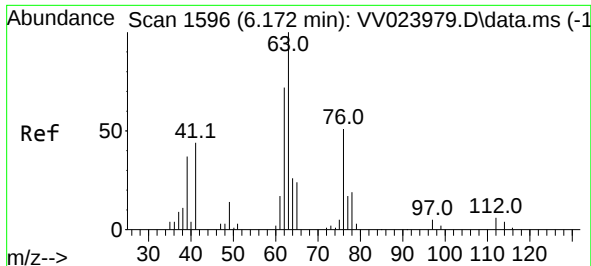
Tgt Ion: 78 Resp: 10446



#35
Methylcyclohexane
Concen: 0.583 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023987.D
Acq: 15 Dec 2021 17:38

Tgt Ion: 83 Resp: 7543
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.2#
98 4.2 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.444 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023987.D

Acq: 15 Dec 2021 17:38

Instrument :

MSVOA_V

ClientSampleId :

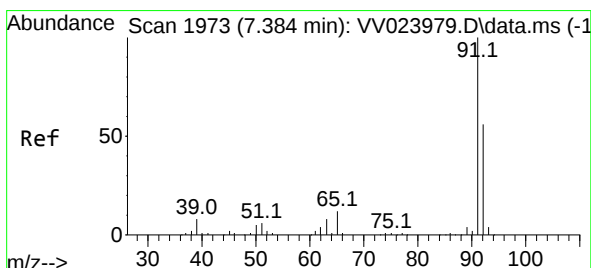
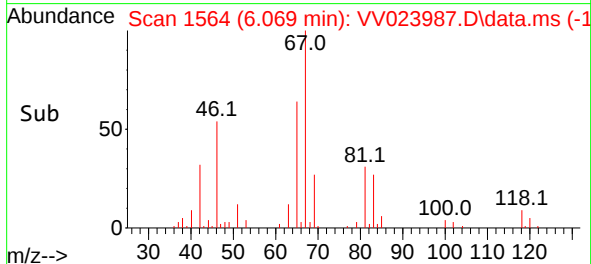
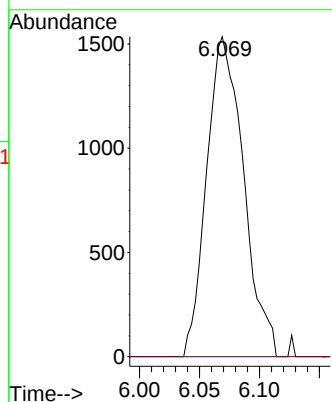
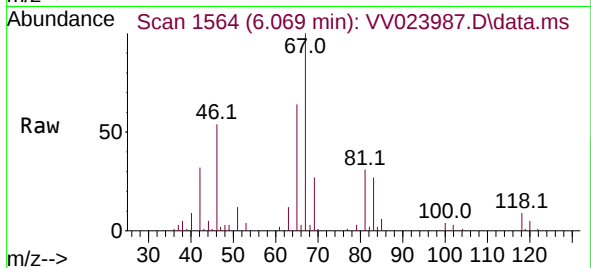
BG3D6

Tgt Ion: 63 Resp: 3286

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 0.067 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV023987.D

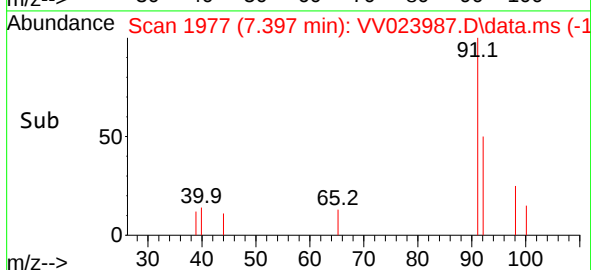
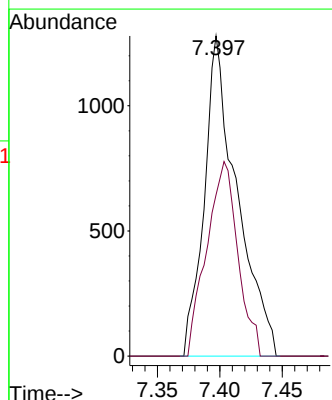
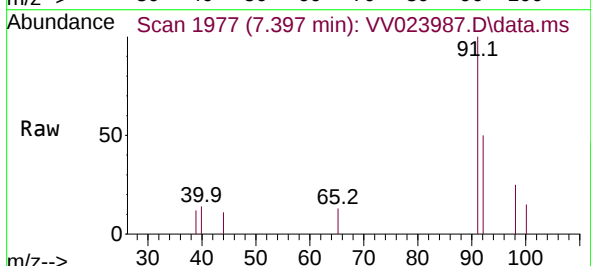
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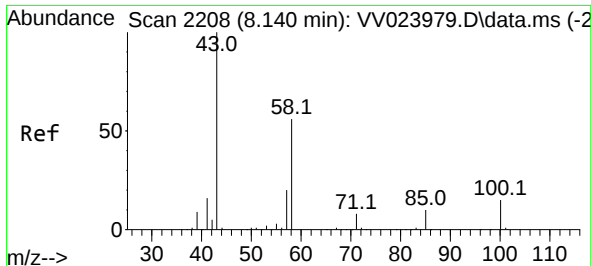
Tgt Ion: 91 Resp: 2333

Ion Ratio Lower Upper

91 100

92 50.4 41.5 77.1





#48

2-Hexanone

Concen: 2.440 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV023987.D

Acq: 15 Dec 2021 17:38

Instrument :

MSVOA_V

ClientSampleId :

BG3D6

Tgt Ion: 43 Resp: 6294

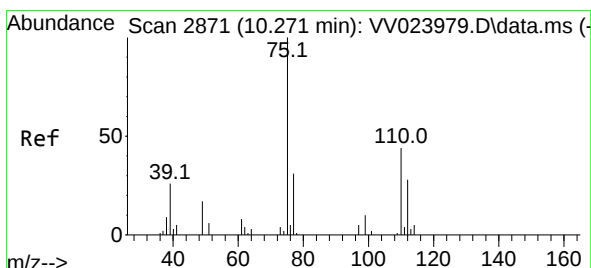
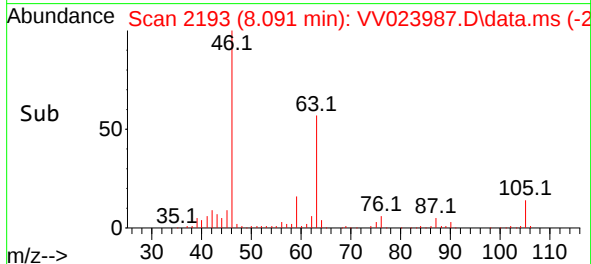
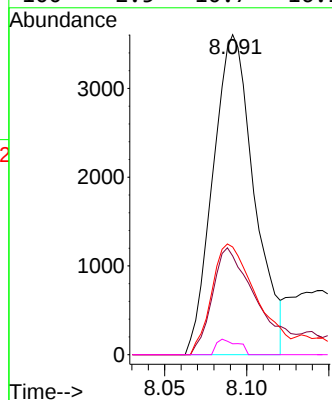
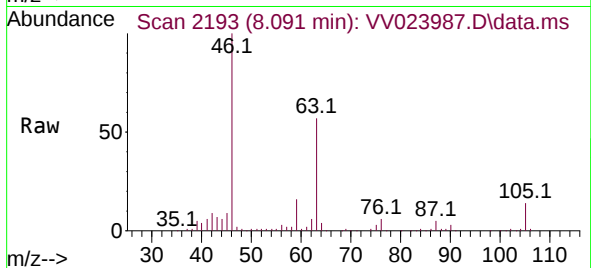
Ion Ratio Lower Upper

43 100

58 36.3 44.5 66.7#

57 37.8 15.1 22.7#

100 2.5 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 1.587 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023987.D

Acq: 15 Dec 2021 17:38

Tgt Ion: 75 Resp: 5891

Ion Ratio Lower Upper

75 100

77 34.1 26.4 39.6

110 0.4 34.2 51.2#

