

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023988.D
 Acq On : 15 Dec 2021 18:02
 Operator : SY/MD
 Sample : M4971-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3D7

Quant Time: Dec 16 04:51:20 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)

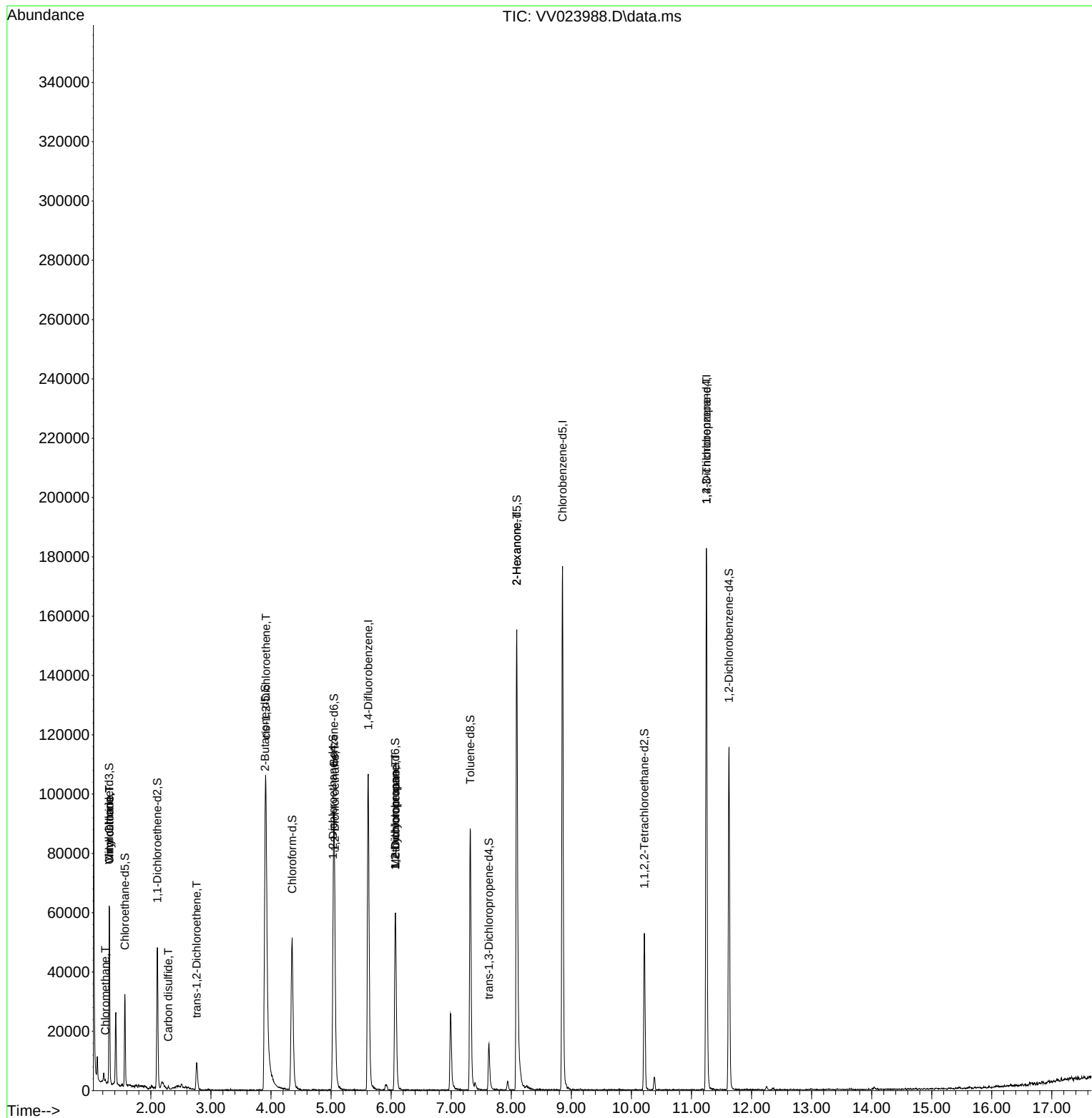
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95964	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101770	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48986	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	16359	3.171	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.400%	
7) Chloroethane-d5	1.568	69	17612	4.092	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.800%	
11) 1,1-Dichloroethene-d2	2.108	63	24220	2.405	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.200%#	
20) 2-Butanone-d5	3.902	46	69421	68.877	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	137.760%#	
24) Chloroform-d	4.352	84	52371	4.482	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.034	65	27057	4.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.050	84	81300	4.033	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
36) 1,2-Dichloropropane-d6	6.069	67	27717	4.558	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.316	98	59494	3.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.600%#	
43) trans-1,3-Dichloroprop...	7.628	79	9510	3.769	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.091	63	52939	46.874	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.740%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24240	4.805	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	29926	4.573	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.400%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	526	0.074	ug/L	95
5) Vinyl chloride	1.310	62	20371	2.632	ug/L	96
8) Chloroethane	1.310	64	6934	1.377	ug/L #	56
14) Carbon disulfide	2.291	76	1043	0.056	ug/L #	85
18) trans-1,2-Dichloroethene	2.760	96	3918	0.550	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	43877	5.816	ug/L	95
27) 1,2-Dichloroethane	5.063	62	554	0.072	ug/L #	73
35) Methylcyclohexane	6.072	83	7645	0.640	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	3577	0.523	ug/L #	84
48) 2-Hexanone	8.091	43	7056	2.960	ug/L #	64
61) 1,2,3-Trichloropropane	11.249	75	5012	1.502	ug/L #	64

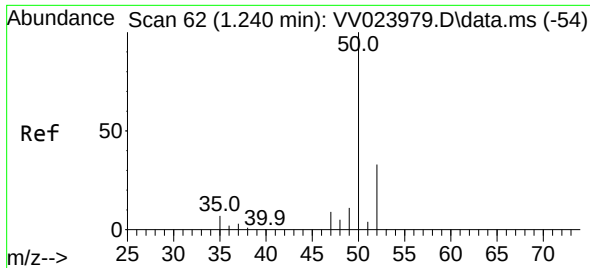
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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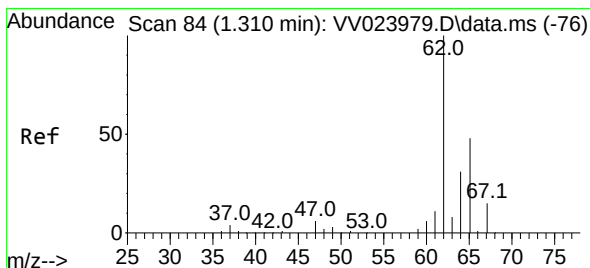
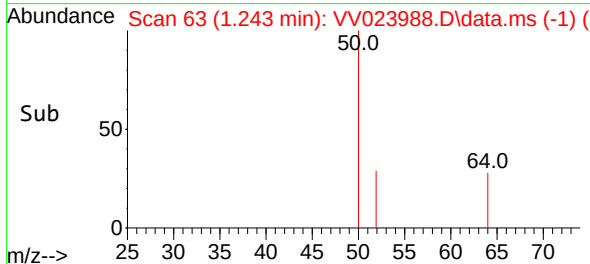
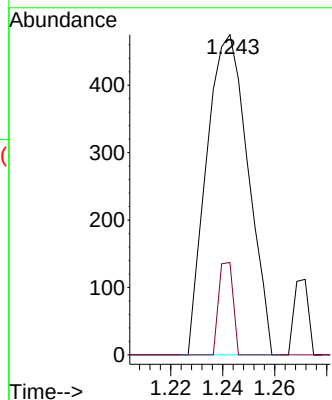
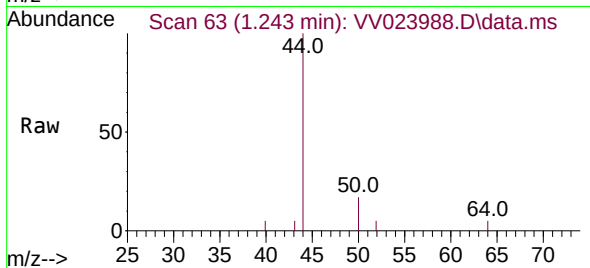




#3
Chloromethane
Concen: 0.074 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023988.D
Acq: 15 Dec 2021 18:02

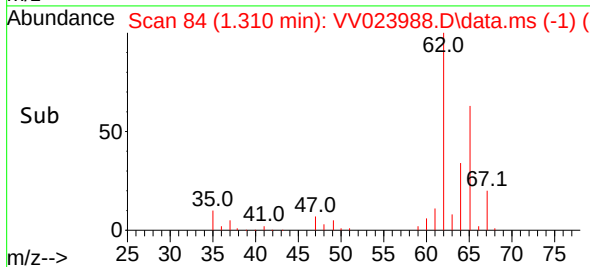
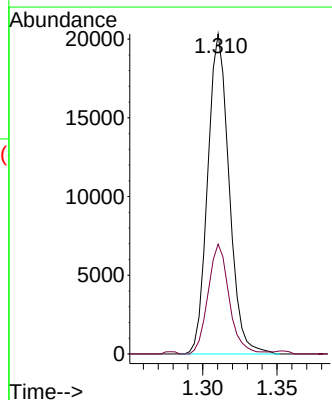
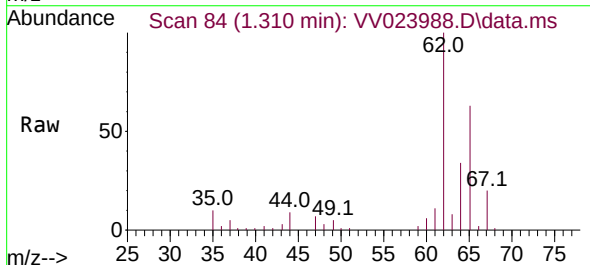
Instrument :
MSVOA_V
ClientSampleId :
BG3D7

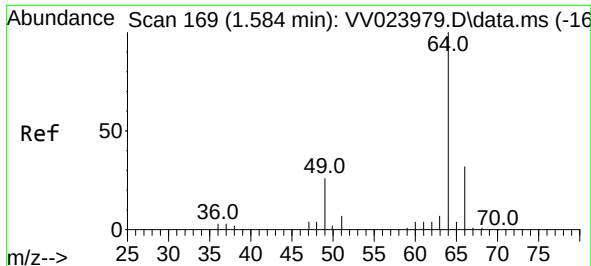
Tgt Ion: 50 Resp: 526
Ion Ratio Lower Upper
50 100
52 28.8 22.0 41.0



#5
Vinyl chloride
Concen: 2.632 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV023988.D
Acq: 15 Dec 2021 18:02

Tgt Ion: 62 Resp: 20371
Ion Ratio Lower Upper
62 100
64 34.3 22.4 41.6

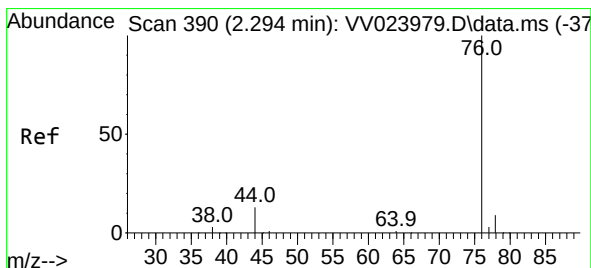
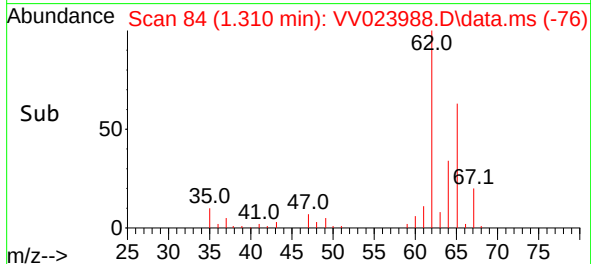
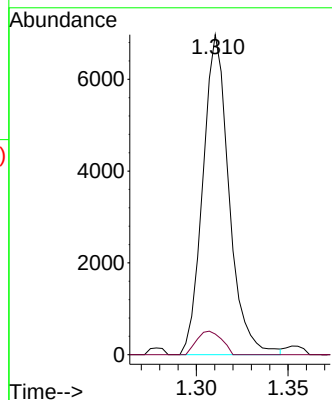
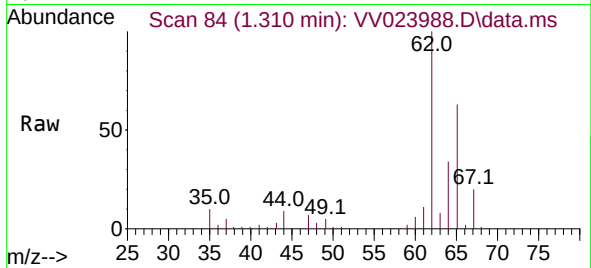




#8
Chloroethane
Concen: 1.377 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV023988.D
Acq: 15 Dec 2021 18:02

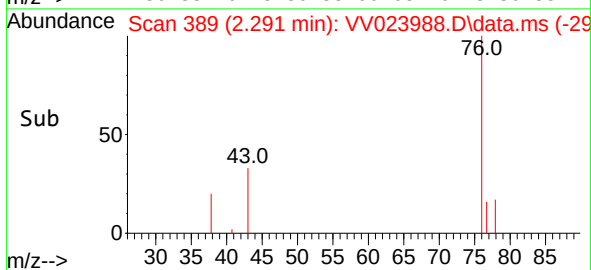
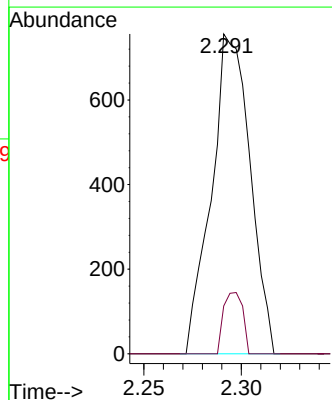
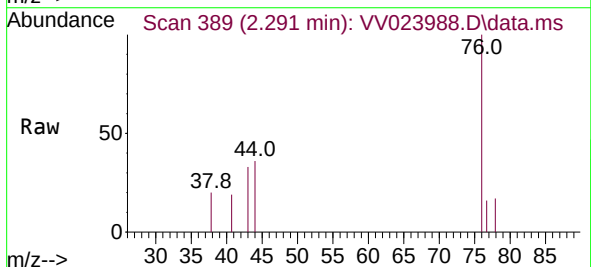
Instrument :
MSVOA_V
ClientSampleId :
BG3D7

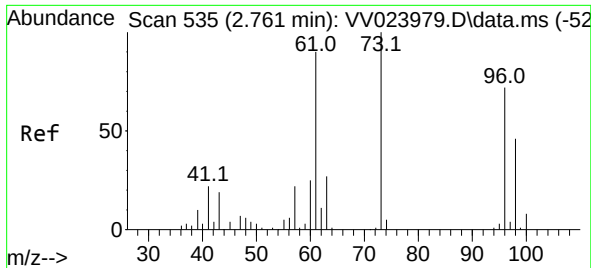
Tgt Ion: 64 Resp: 6934
Ion Ratio Lower Upper
64 100
66 6.4 21.4 39.8#



#14
Carbon disulfide
Concen: 0.056 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV023988.D
Acq: 15 Dec 2021 18:02

Tgt Ion: 76 Resp: 1043
Ion Ratio Lower Upper
76 100
78 14.9 7.5 11.3#

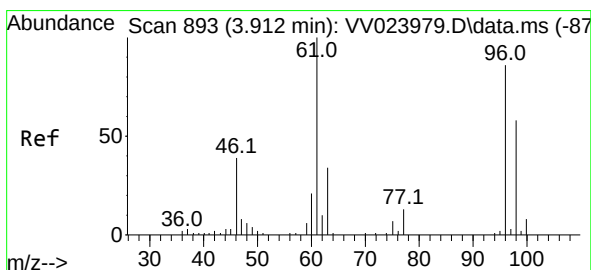
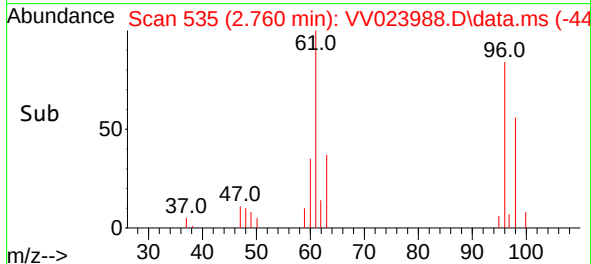
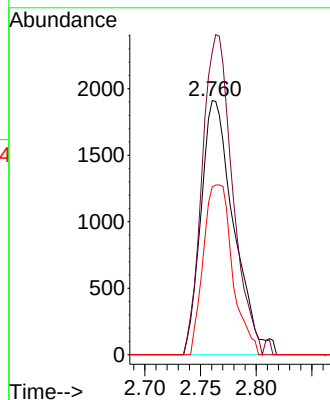
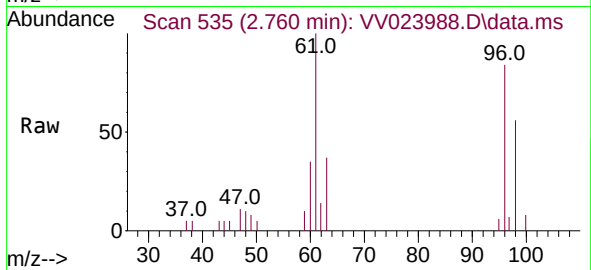




#18
trans-1,2-Dichloroethene
Concen: 0.550 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023988.D
Acq: 15 Dec 2021 18:02

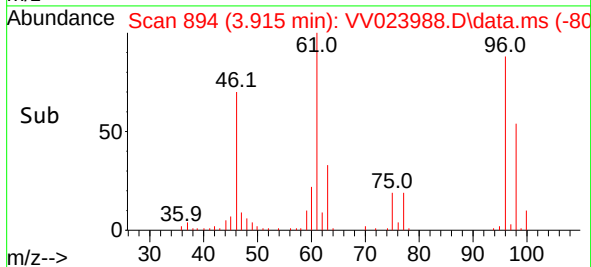
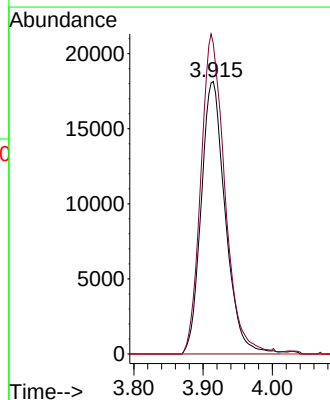
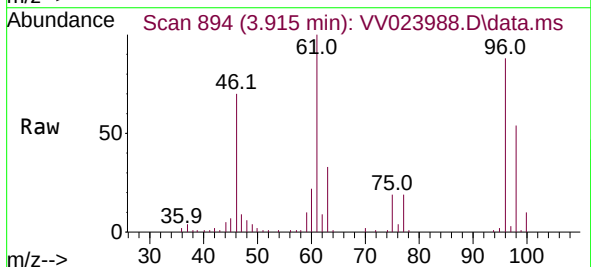
Instrument :
MSVOA_V
ClientSampleId :
BG3D7

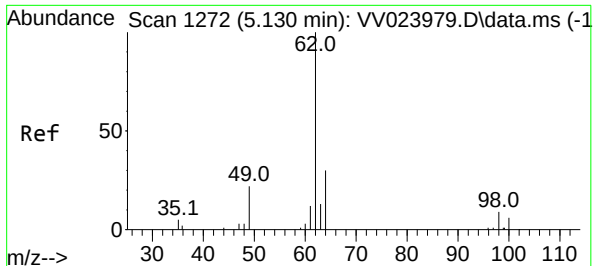
Tgt Ion: 96 Resp: 3918
Ion Ratio Lower Upper
96 100
61 119.0 88.2 163.8
98 66.1 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 5.816 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV023988.D
Acq: 15 Dec 2021 18:02

Tgt Ion: 96 Resp: 43877
Ion Ratio Lower Upper
96 100
61 113.8 83.4 154.8
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.072 ug/L

RT: 5.063 min Scan# 1

Delta R.T. -0.068 min

Lab File: VV023988.D

Acq: 15 Dec 2021 18:02

Instrument :

MSVOA_V

ClientSampleId :

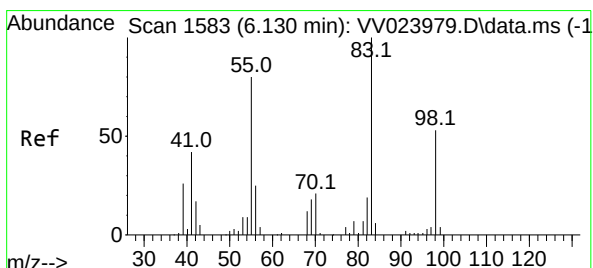
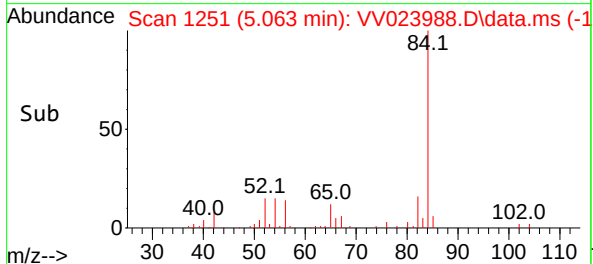
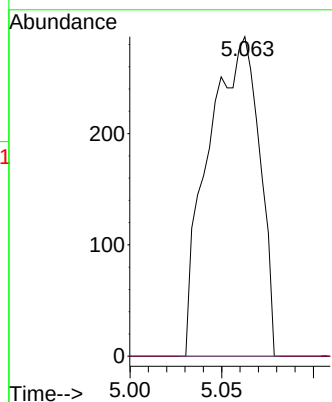
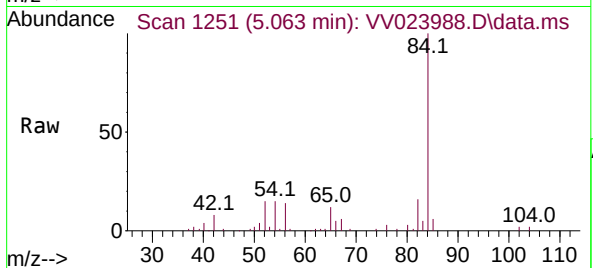
BG3D7

Tgt Ion: 62 Resp: 554

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.640 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023988.D

Acq: 15 Dec 2021 18:02

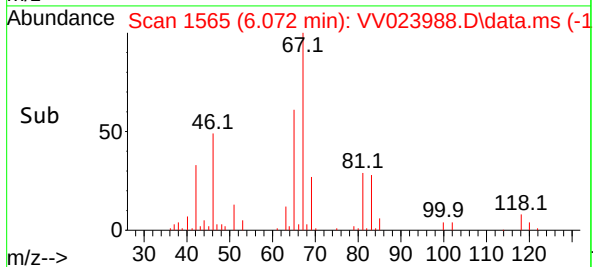
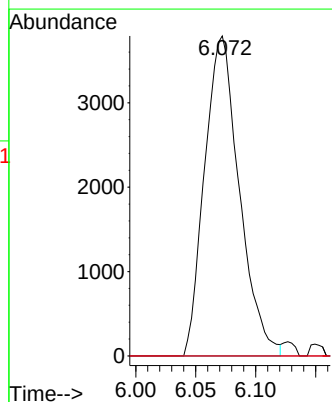
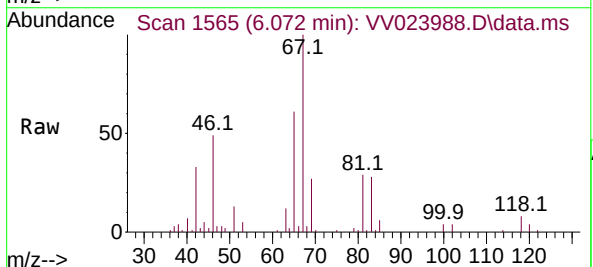
Tgt Ion: 83 Resp: 7645

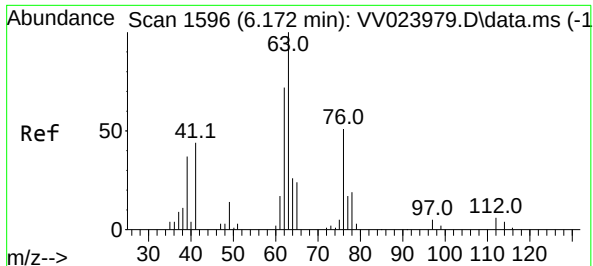
Ion Ratio Lower Upper

83 100

55 0.2 60.2 90.2#

98 4.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023988.D

Acq: 15 Dec 2021 18:02

Instrument :

MSVOA_V

ClientSampleId :

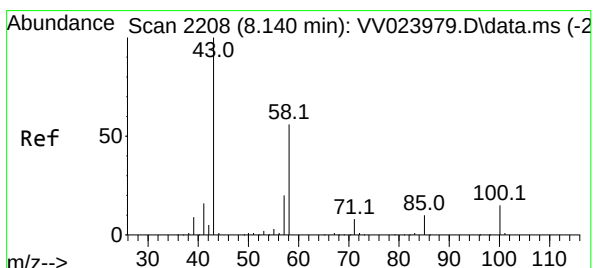
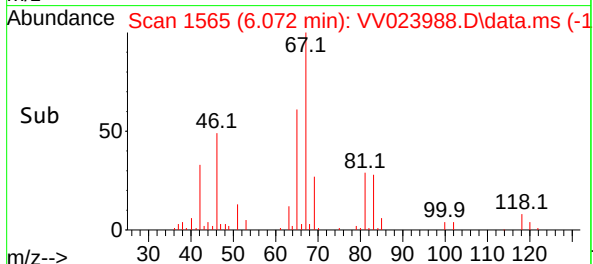
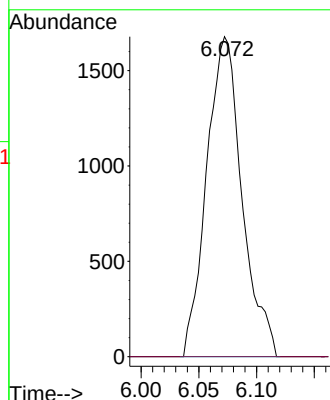
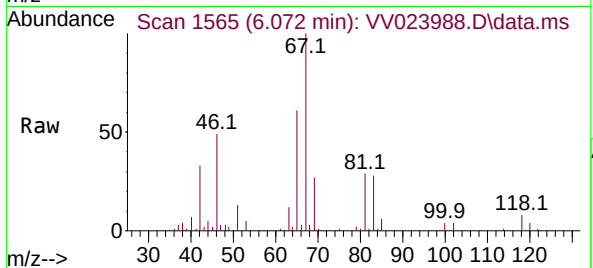
BG3D7

Tgt Ion: 63 Resp: 3577

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#48

2-Hexanone

Concen: 2.960 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV023988.D

Acq: 15 Dec 2021 18:02

Tgt Ion: 43 Resp: 7056

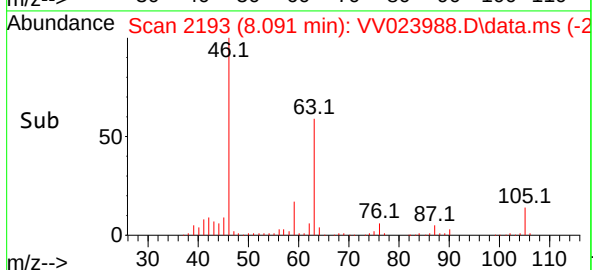
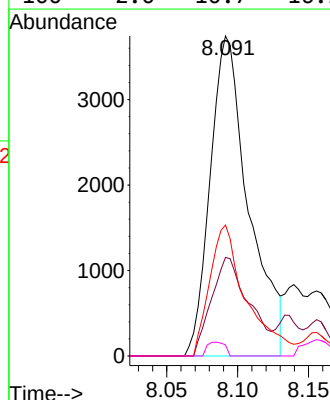
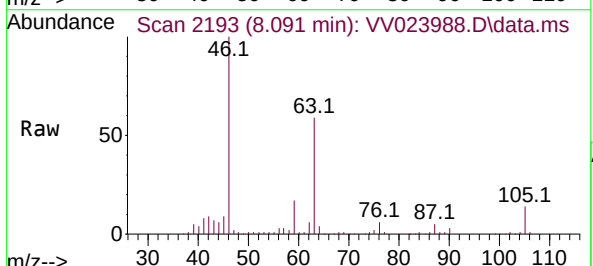
Ion Ratio Lower Upper

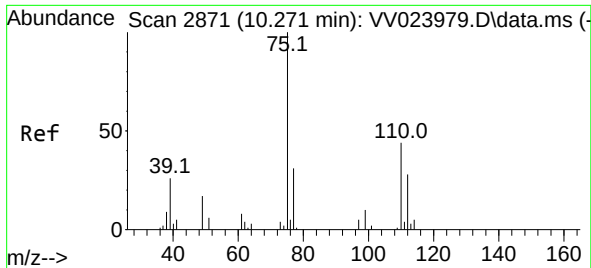
43 100

58 30.3 44.5 66.7#

57 39.0 15.1 22.7#

100 2.0 10.7 16.1#





#61

1,2,3-Trichloropropane

Concen: 1.502 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV023988.D

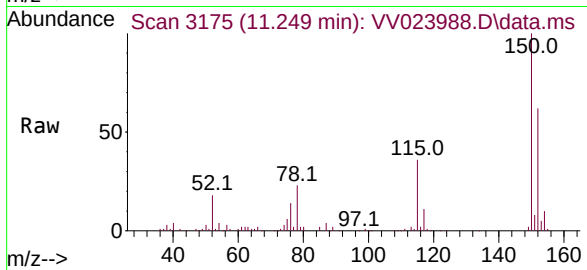
Acq: 15 Dec 2021 18:02

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 5012

Ion Ratio Lower Upper

75 100

77 33.2 26.4 39.6

110 2.2 34.2 51.2#

