

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121521\
 Data File : VV023984.D
 Acq On : 15 Dec 2021 16:27
 Operator : SY/MD
 Sample : M4971-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3D5

Quant Time: Dec 16 04:50:22 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

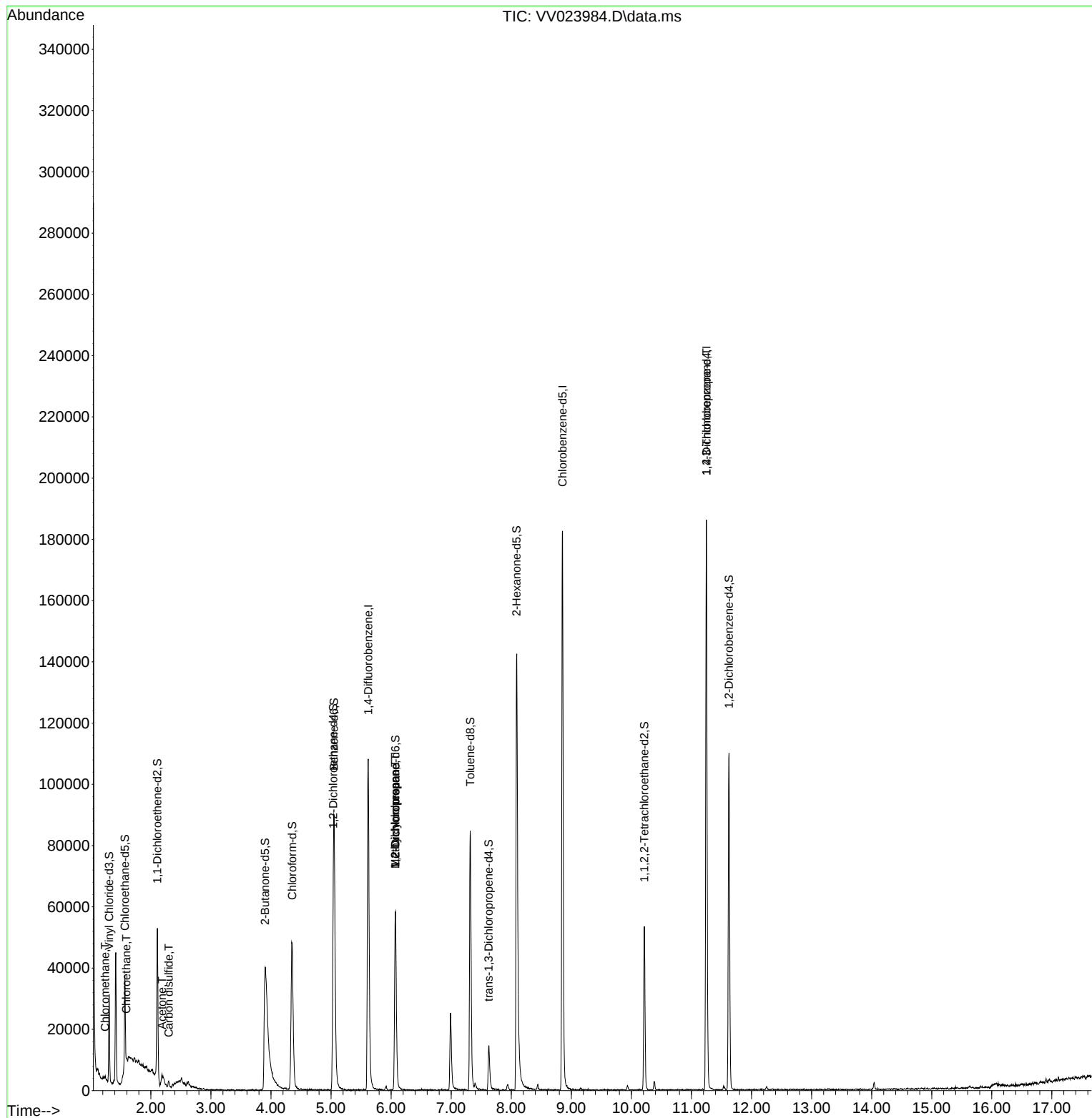
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	98215	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	105310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51953	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16255	3.079	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.600%	
7) Chloroethane-d5	1.568	69	17115	3.885	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.800%	
11) 1,1-Dichloroethene-d2	2.108	63	23095	2.241	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	44.800%#	
20) 2-Butanone-d5	3.902	46	66209	64.184	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.360%	
24) Chloroform-d	4.352	84	50439	4.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.037	65	26507	4.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.050	84	77311	3.707	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.200%	
36) 1,2-Dichloropropane-d6	6.072	67	27249	4.330	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.600%	
41) Toluene-d8	7.317	98	57227	3.047	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.000%#	
43) trans-1,3-Dichloroprop...	7.625	79	9113	3.491	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.800%	
46) 2-Hexanone-d5	8.088	63	51068	43.697	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.400%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22916	4.390	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	29990	4.322	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.400%	
Target Compounds						
3) Chloromethane	1.240	50	577	0.079	ug/L	94
8) Chloroethane	1.593	64	20687	4.013	ug/L #	52
13) Acetone	2.185	43	10615	12.862	ug/L	74
14) Carbon disulfide	2.298	76	2402	0.126	ug/L #	93
35) Methylcyclohexane	6.069	83	7142	0.577	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3399	0.480	ug/L #	84
61) 1,2,3-Trichloropropane	11.249	75	5554	1.569	ug/L #	63

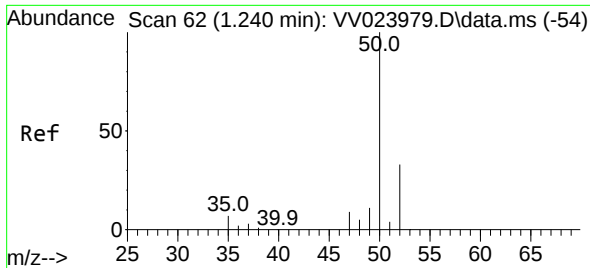
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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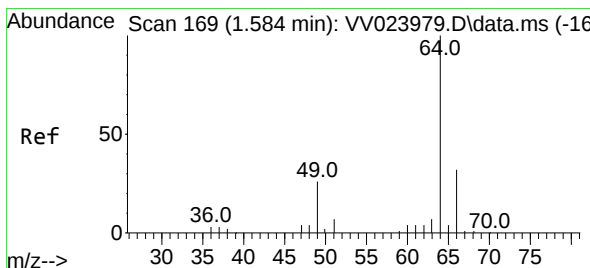
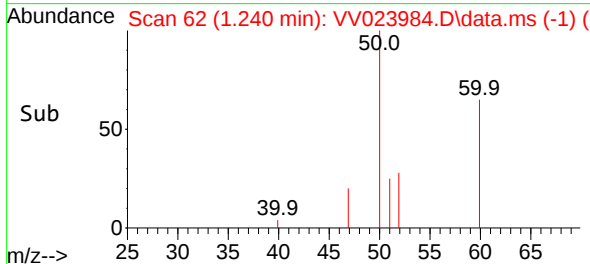
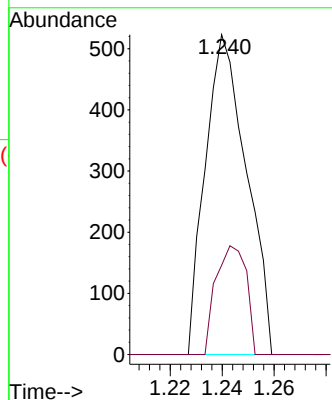
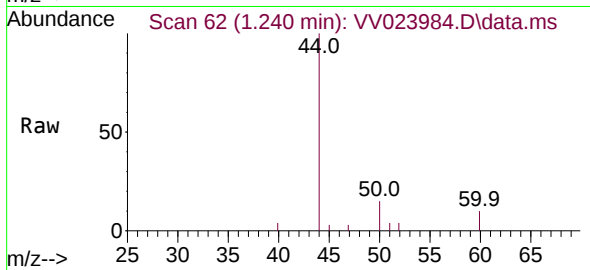




#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023984.D
Acq: 15 Dec 2021 16:27

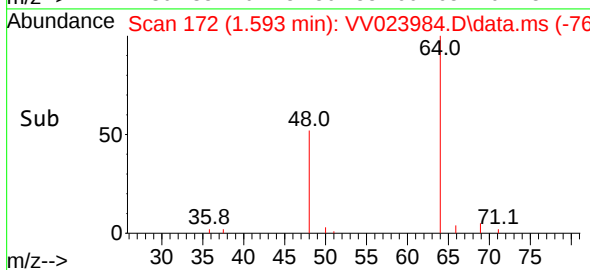
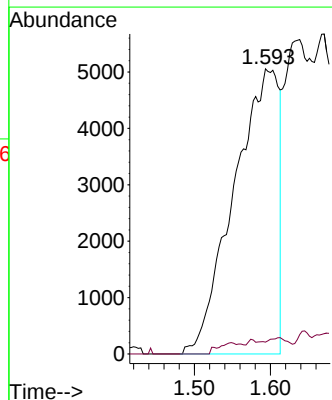
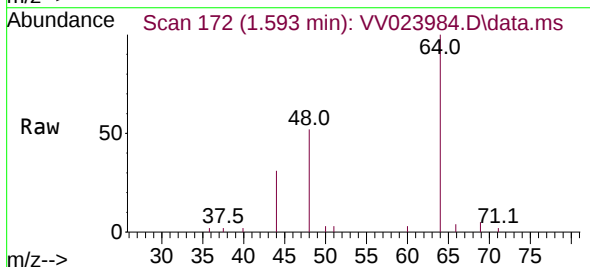
Instrument :
MSVOA_V
ClientSampleId :
BG3D5

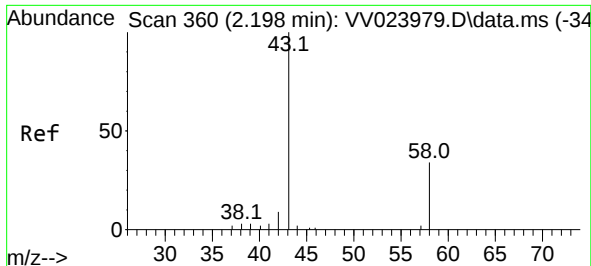
Tgt Ion: 50 Resp: 577
Ion Ratio Lower Upper
50 100
52 27.9 22.0 41.0



#8
Chloroethane
Concen: 4.013 ug/L
RT: 1.593 min Scan# 172
Delta R.T. 0.010 min
Lab File: VV023984.D
Acq: 15 Dec 2021 16:27

Tgt Ion: 64 Resp: 20687
Ion Ratio Lower Upper
64 100
66 4.2 21.4 39.8#





#13

Acetone

Concen: 12.862 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023984.D

Acq: 15 Dec 2021 16:27

Instrument :

MSVOA_V

ClientSampleId :

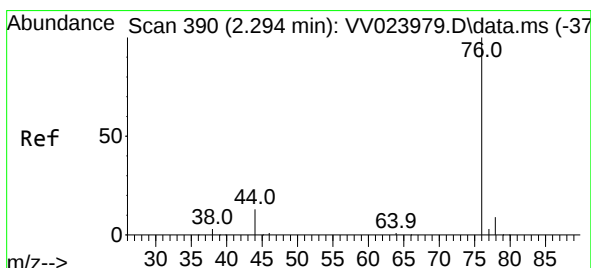
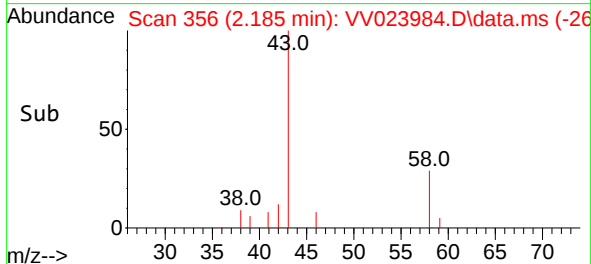
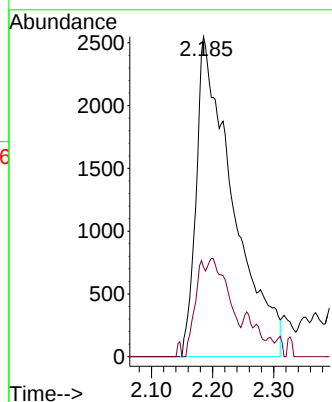
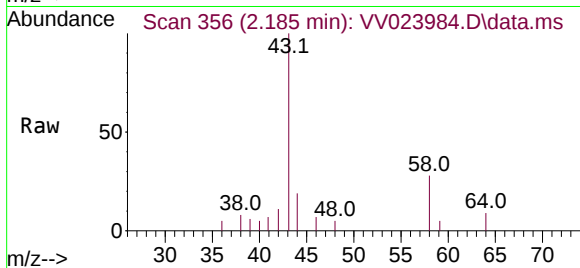
BG3D5

Tgt Ion: 43 Resp: 10615

Ion Ratio Lower Upper

43 100

58 8.8 0.0 41.4



#14

Carbon disulfide

Concen: 0.126 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023984.D

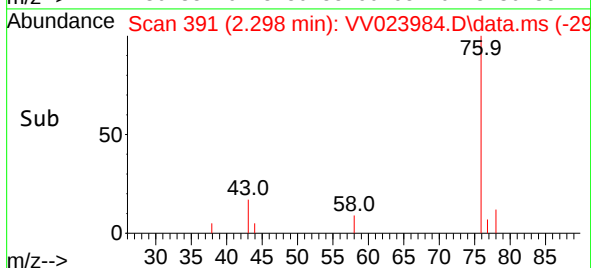
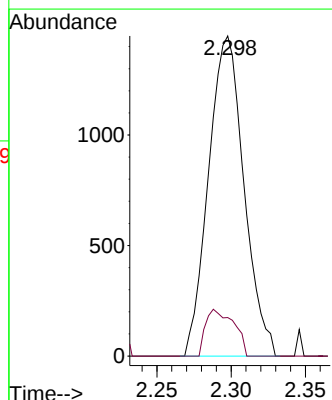
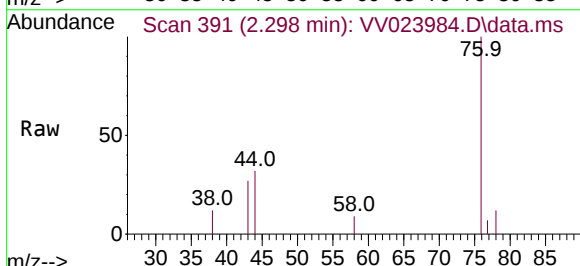
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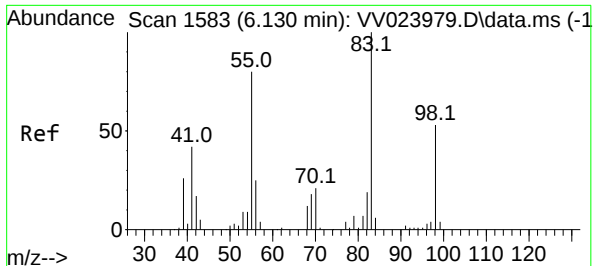
Tgt Ion: 76 Resp: 2402

Ion Ratio Lower Upper

76 100

78 12.0 7.5 11.3#

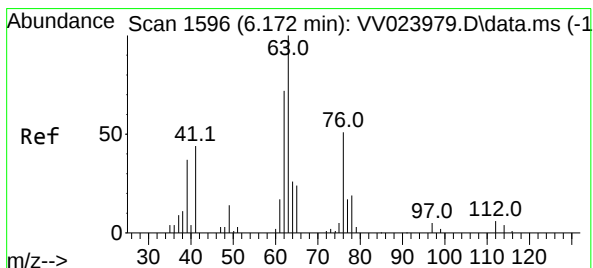
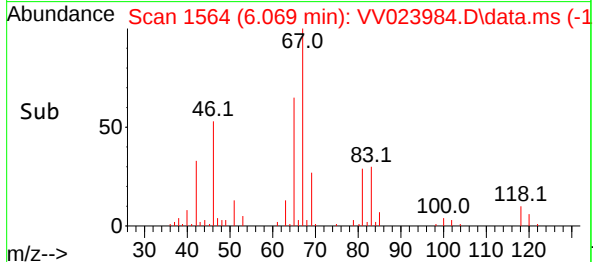
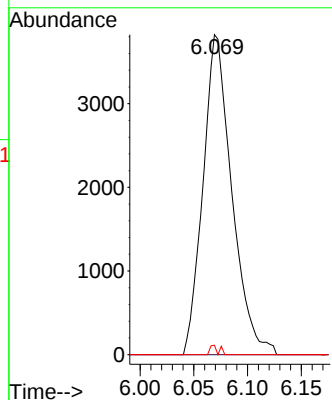
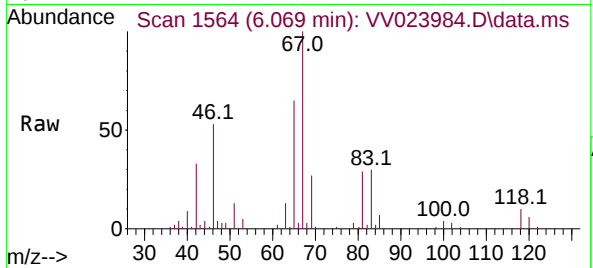




#35
Methylcyclohexane
Concen: 0.577 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV023984.D
Acq: 15 Dec 2021 16:27

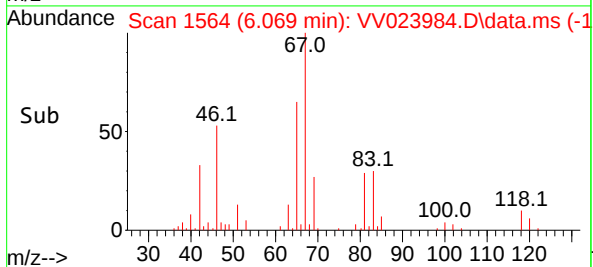
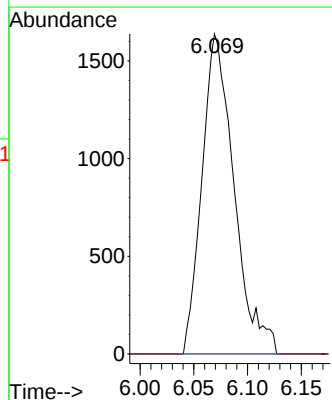
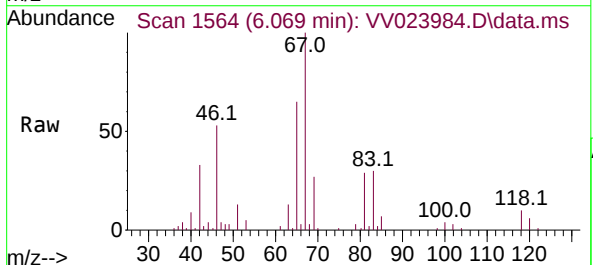
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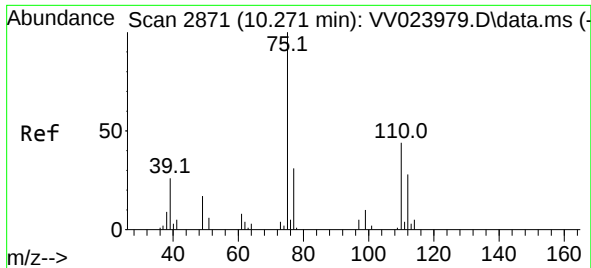
Tgt Ion: 83 Resp: 7142
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.9 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV023984.D
Acq: 15 Dec 2021 16:27

Tgt Ion: 63 Resp: 3399
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#61

1,2,3-Trichloropropane

Concen: 1.569 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV023984.D

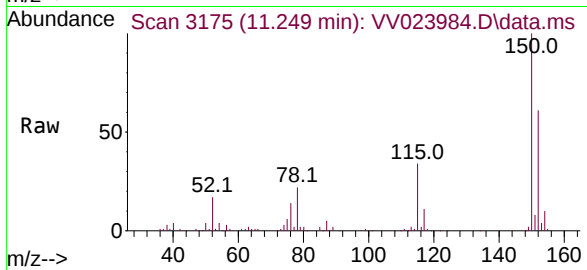
Acq: 15 Dec 2021 16:27

Instrument :

MSVOA_V

ClientSampleId :

BG3D5



Tgt Ion: 75 Resp: 5554

Ion Ratio Lower Upper

75 100

77 32.2 26.4 39.6

110 1.4 34.2 51.2#

