

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025024.D
 Acq On : 16 Mar 2022 02:21
 Operator : SY/MD
 Sample : N1933-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDC7

Quant Time: Mar 16 06:49:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 05:10:39 2022
 Response via : Initial Calibration

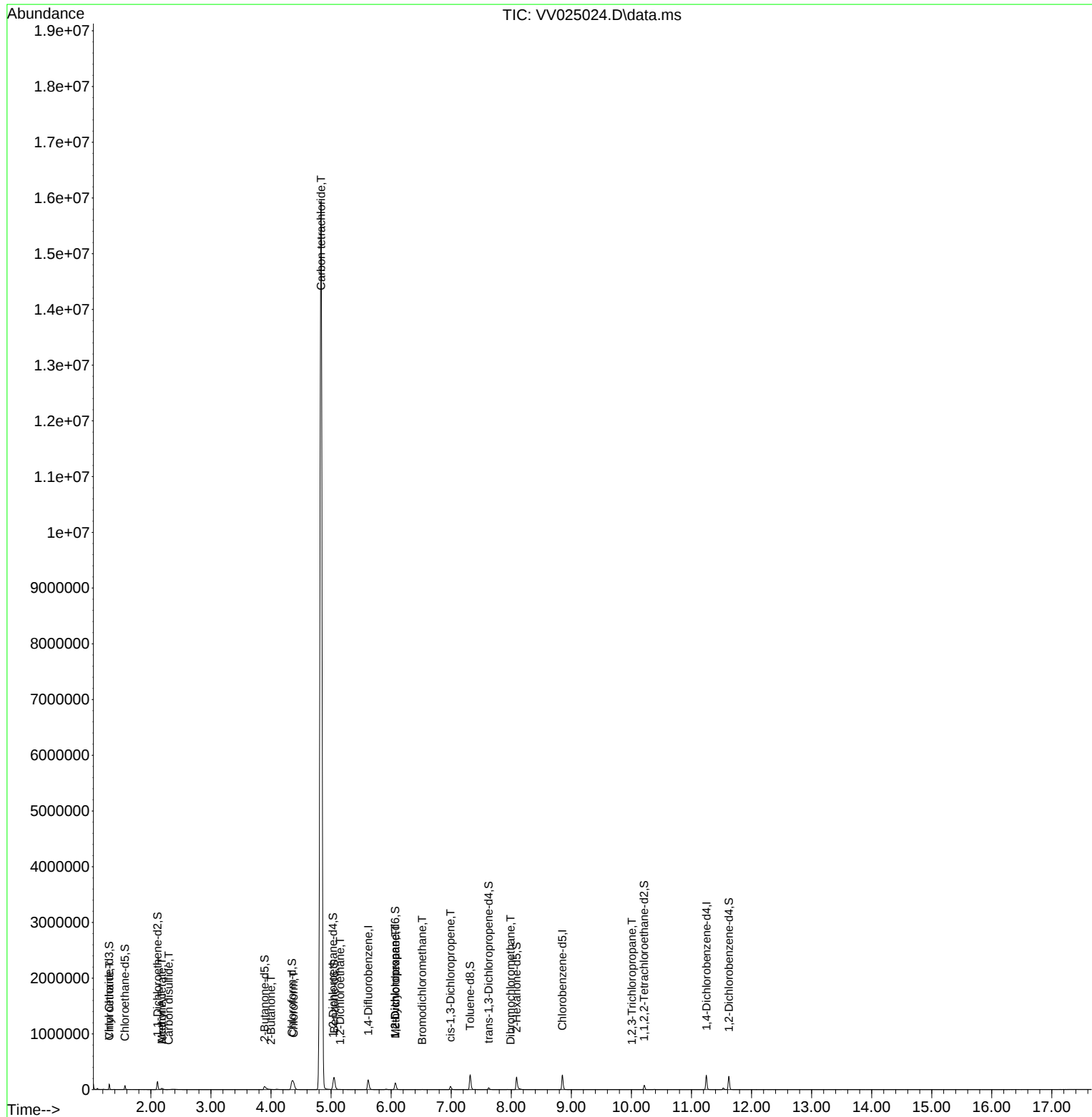
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	155115	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58953	4.814	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.568	69	45227	5.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.111	63	75055	3.792	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	3.892	46	104723	70.760	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	141.520%#	
24) Chloroform-d	4.349	84	107329	5.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.600%	
26) 1,2-Dichloroethane-d4	5.034	65	44339	5.222	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
32) Benzene-d6	5.053	84	209489	4.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.069	67	62165	5.004	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.317	98	181022	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	7.625	79	20783	4.799	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.000%	
46) 2-Hexanone-d5	8.088	63	80343	54.387	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39298	5.377	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	60167	5.338	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.800%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.310	64	757	0.092	ug/L #	1
13) Acetone	2.182	43	34138	34.489	ug/L	84
14) Carbon disulfide	2.298	76	2662	0.075	ug/L #	92
15) Methyl Acetate	2.182	43	32470	11.974	ug/L #	44
21) 2-Butanone	4.002	43	2481	1.588	ug/L	98
25) Chloroform	4.378	83	99472	4.720	ug/L	96
27) 1,2-Dichloroethane	5.153	62	973	0.093	ug/L #	71
31) Carbon tetrachloride	4.834	117	12490835	766.559	ug/L	99
35) Methylcyclohexane	6.072	83	14737	0.722	ug/L #	24
37) 1,2-Dichloropropane	6.069	63	6450	0.579	ug/L #	86
38) Bromodichloromethane	6.516	83	2655	0.189	ug/L #	81
39) cis-1,3-Dichloropropene	6.989	75	1437	0.093	ug/L #	71
49) Dibromochloromethane	7.989	129	271	0.033	ug/L #	10
61) 1,2,3-Trichloropropane	10.008	75	1395	0.249	ug/L #	39

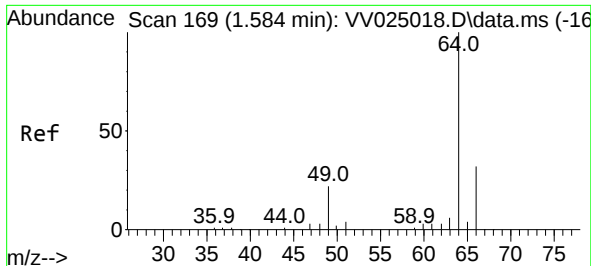
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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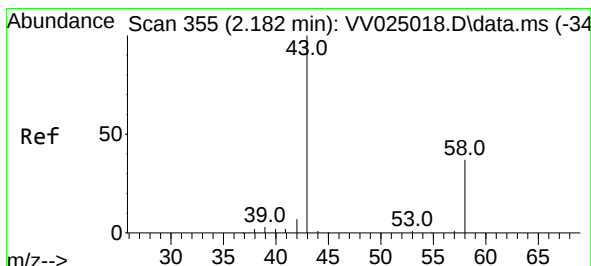
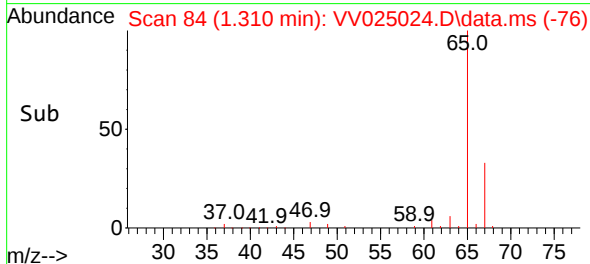
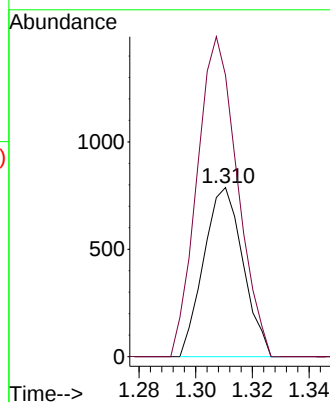
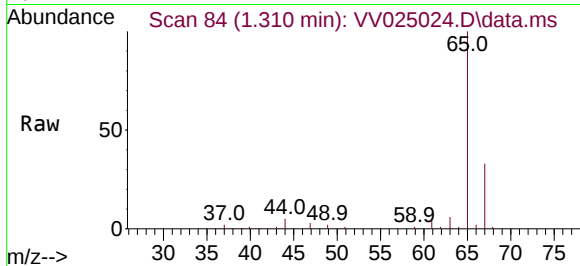




#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV025024.D
Acq: 16 Mar 2022 02:21

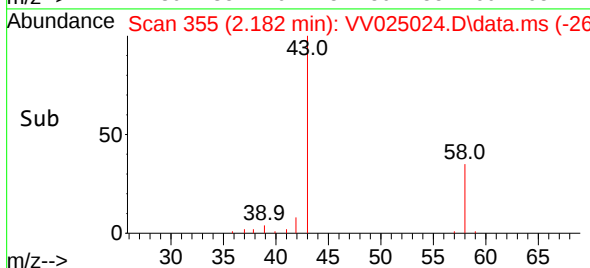
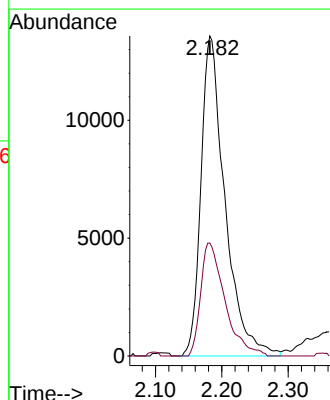
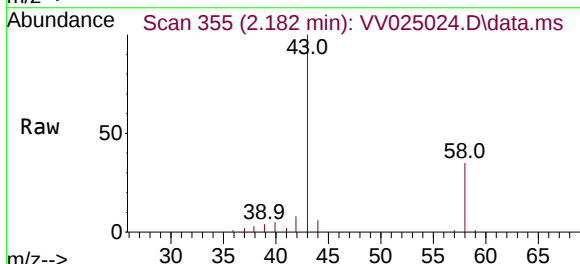
Instrument :
MSVOA_V
ClientSampleId :
GBDC7

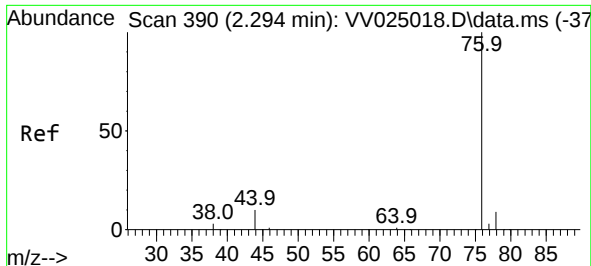
Tgt Ion: 64 Resp: 757
Ion Ratio Lower Upper
64 100
66 166.6 22.5 41.7#



#13
Acetone
Concen: 34.489 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.000 min
Lab File: VV025024.D
Acq: 16 Mar 2022 02:21

Tgt Ion: 43 Resp: 34138
Ion Ratio Lower Upper
43 100
58 35.6 0.0 54.2

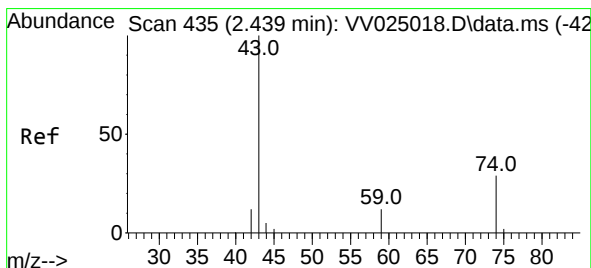
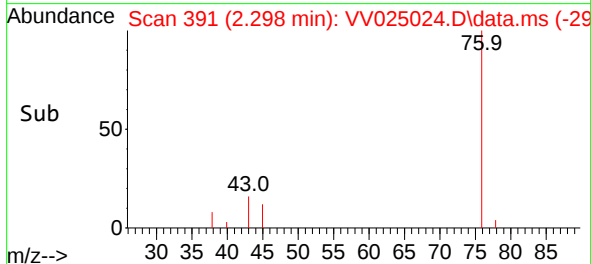
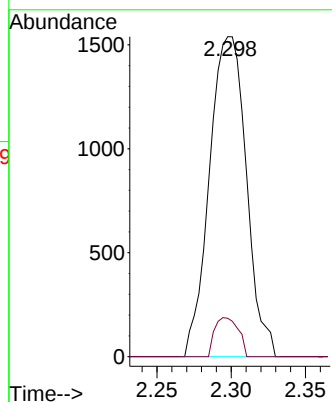
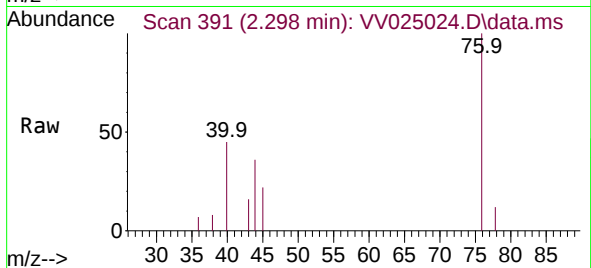




#14
Carbon disulfide
Concen: 0.075 ug/L
RT: 2.298 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV025024.D
Acq: 16 Mar 2022 02:21

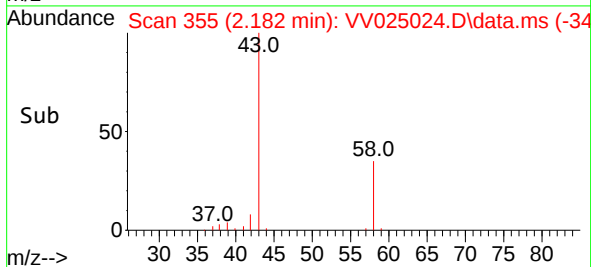
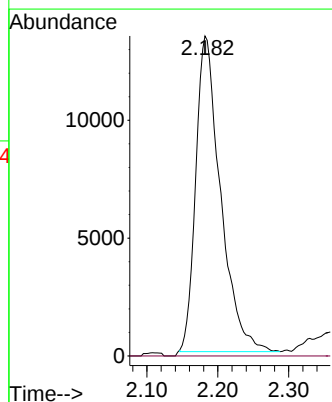
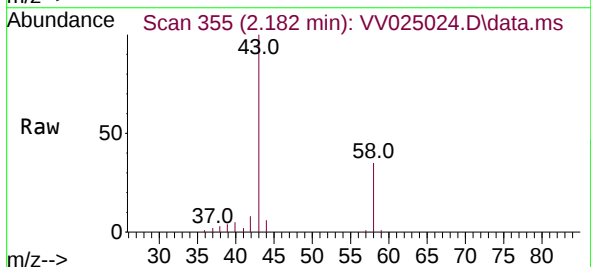
Instrument :
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ClientSampleId :
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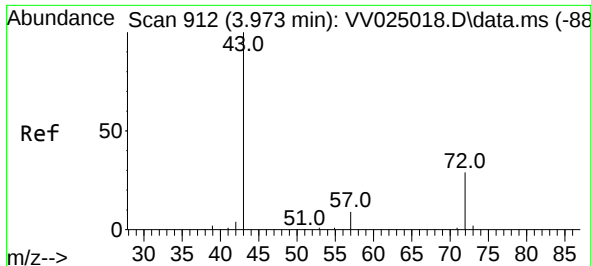
Tgt Ion: 76 Resp: 2662
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.0#



#15
Methyl Acetate
Concen: 11.974 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.257 min
Lab File: VV025024.D
Acq: 16 Mar 2022 02:21

Tgt Ion: 43 Resp: 32470
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#





#21

2-Butanone

Concen: 1.588 ug/L

RT: 4.002 min Scan# 912

Delta R.T. 0.029 min

Lab File: VV025024.D

Acq: 16 Mar 2022 02:21

Instrument :

MSVOA_V

ClientSampleId :

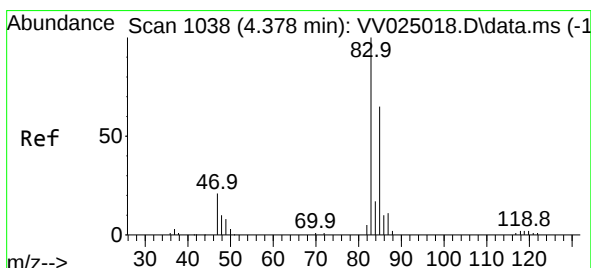
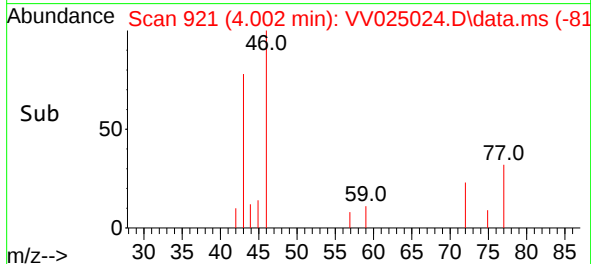
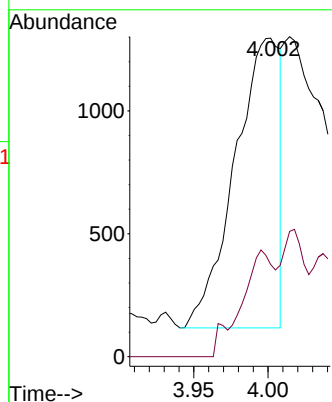
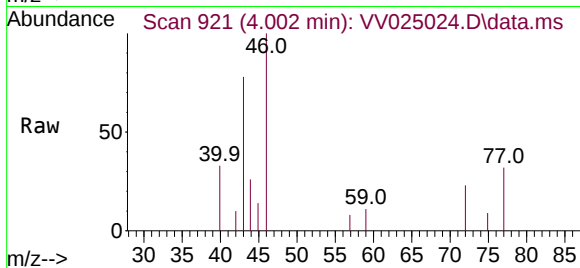
GBDC7

Tgt Ion: 43 Resp: 2481

Ion Ratio Lower Upper

43 100

72 19.9 10.4 31.2



#25

Chloroform

Concen: 4.720 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV025024.D

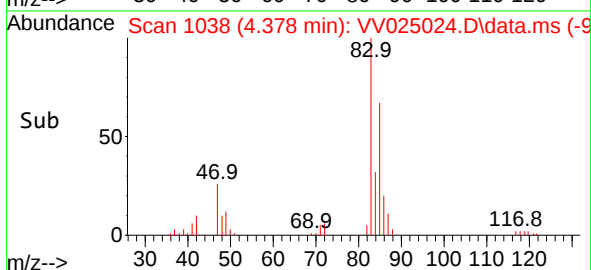
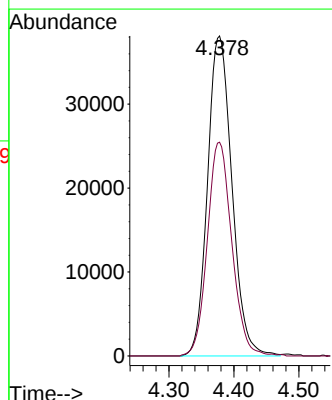
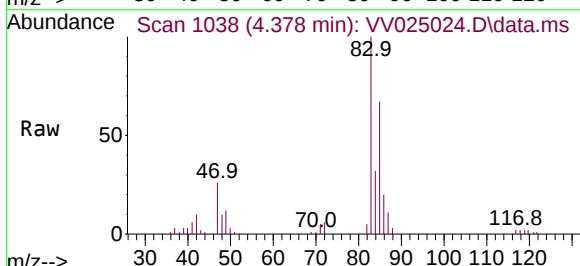
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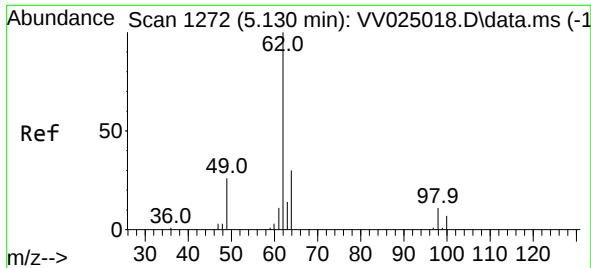
Tgt Ion: 83 Resp: 99472

Ion Ratio Lower Upper

83 100

85 66.8 44.5 82.7

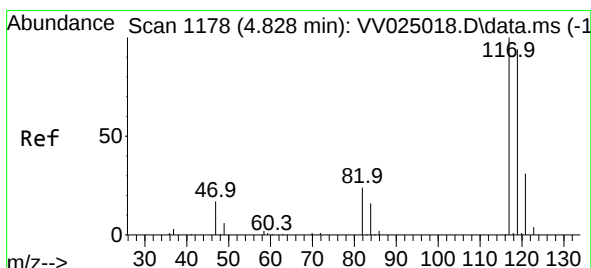
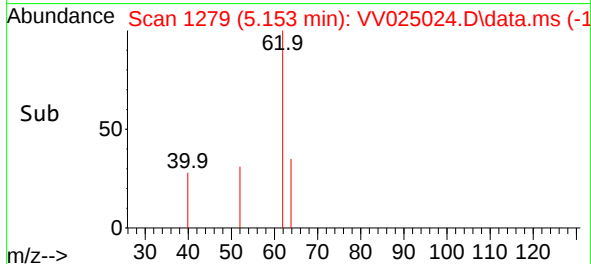
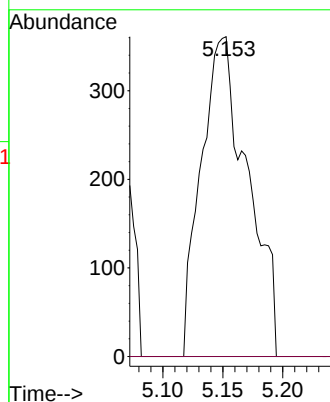
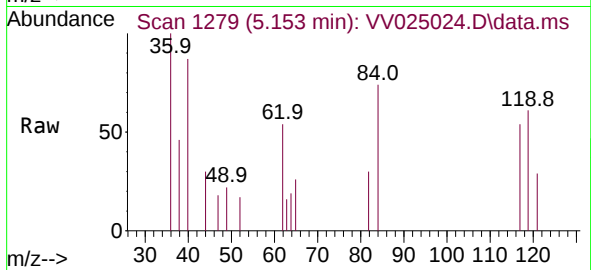




#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.153 min Scan# 1180
Delta R.T. 0.023 min
Lab File: VV025024.D
Acq: 16 Mar 2022 02:21

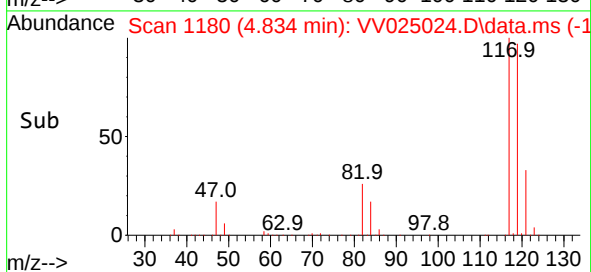
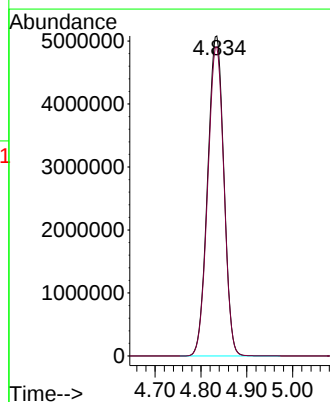
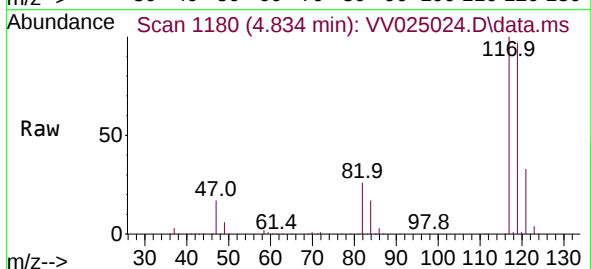
Instrument :
MSVOA_V
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GBDC7

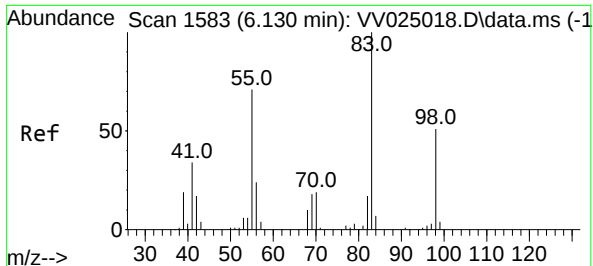
Tgt Ion: 62 Resp: 973
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#



#31
Carbon tetrachloride
Concen: 766.559 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.007 min
Lab File: VV025024.D
Acq: 16 Mar 2022 02:21

Tgt Ion: 117 Resp: 12490835
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2





#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV025024.D

Acq: 16 Mar 2022 02:21

Instrument :

MSVOA_V

ClientSampleId :

GBDC7

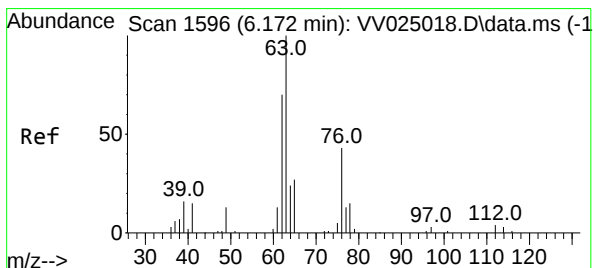
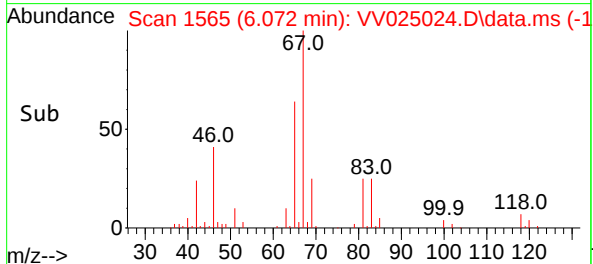
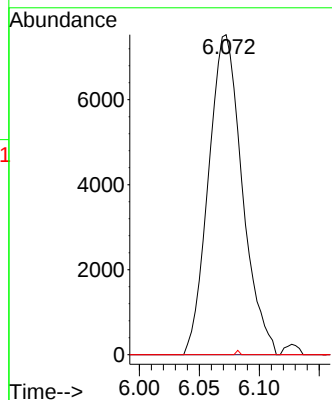
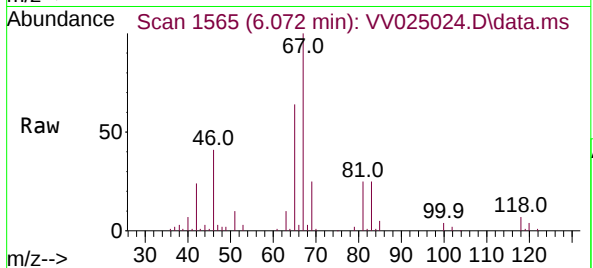
Tgt Ion: 83 Resp: 14737

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 5.2 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV025024.D

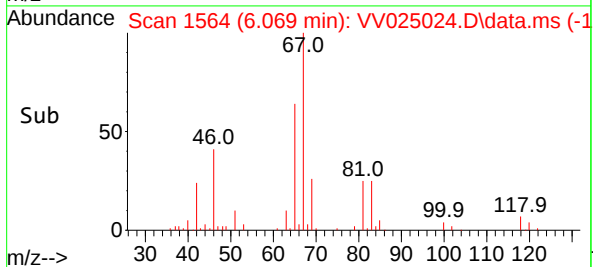
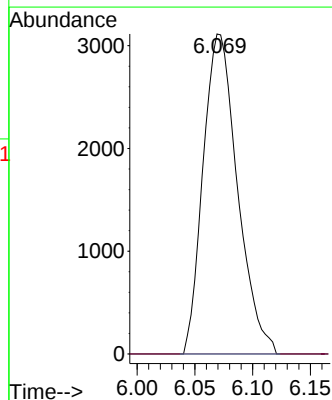
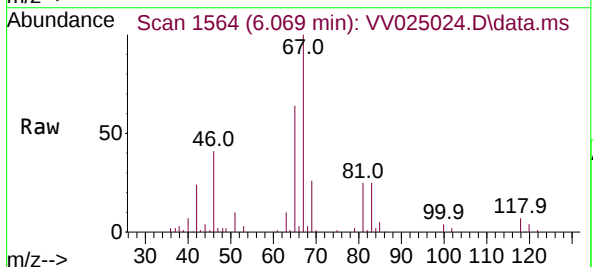
Acq: 16 Mar 2022 02:21

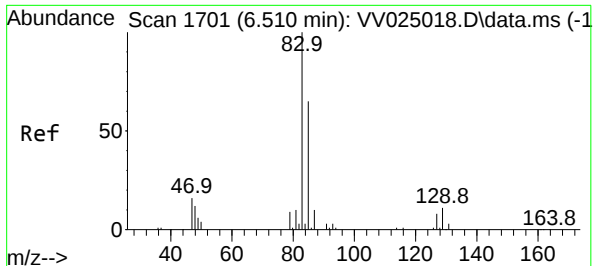
Tgt Ion: 63 Resp: 6450

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

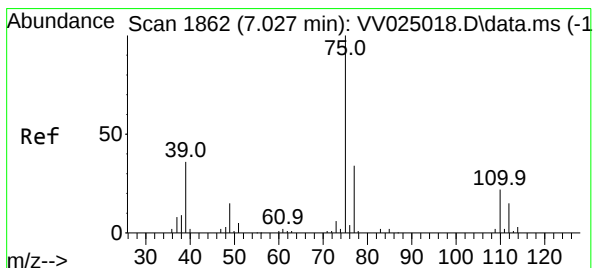
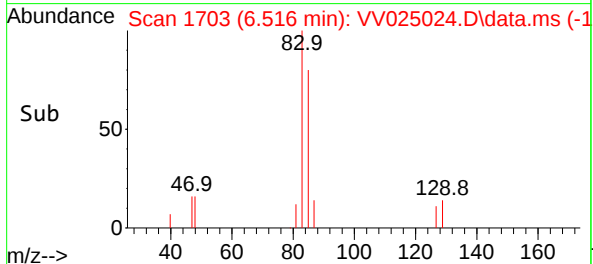
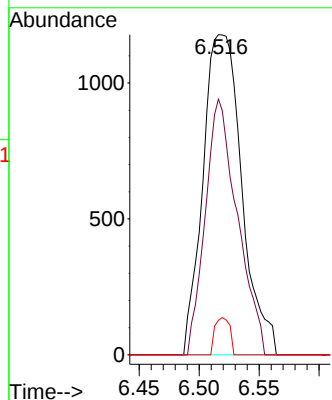
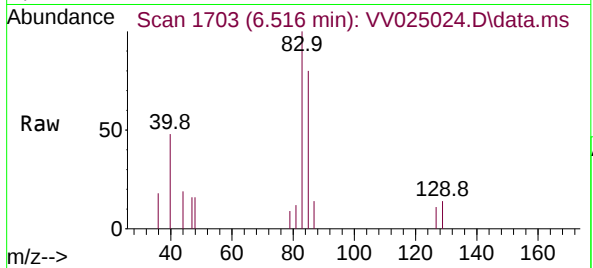




#38
Bromodichloromethane
Concen: 0.189 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV025024.D
Acq: 16 Mar 2022 02:21

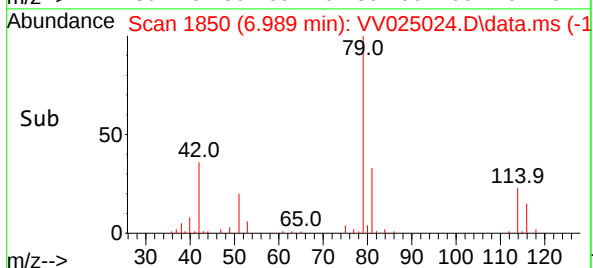
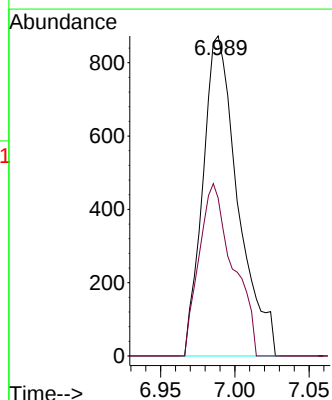
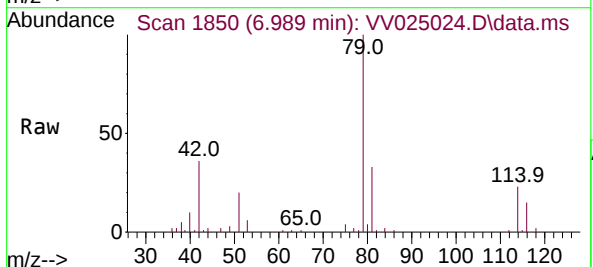
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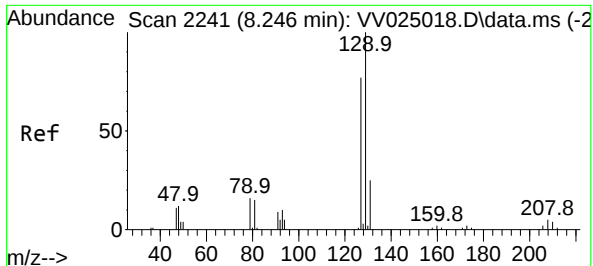
Tgt Ion: 83 Resp: 2655
Ion Ratio Lower Upper
83 100
85 79.9 44.8 83.2
127 10.8 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV025024.D
Acq: 16 Mar 2022 02:21

Tgt Ion: 75 Resp: 1437
Ion Ratio Lower Upper
75 100
77 49.4 23.0 42.8#





#49

Dibromochloromethane

Concen: 0.033 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. -0.257 min

Lab File: VV025024.D

Acq: 16 Mar 2022 02:21

Instrument :

MSVOA_V

ClientSampleId :

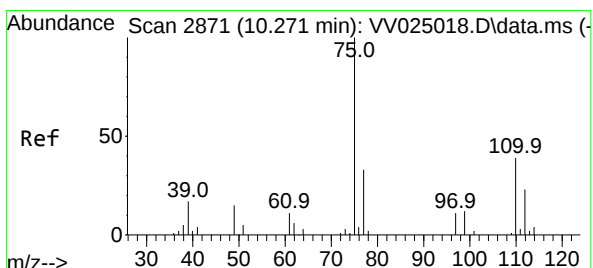
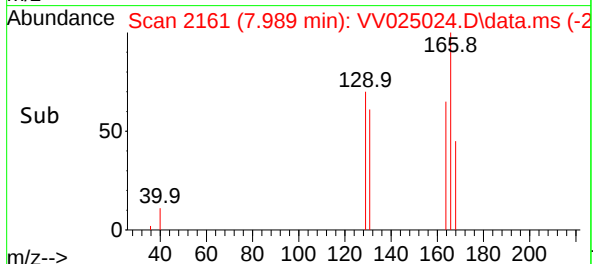
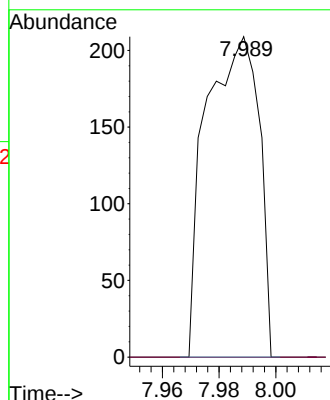
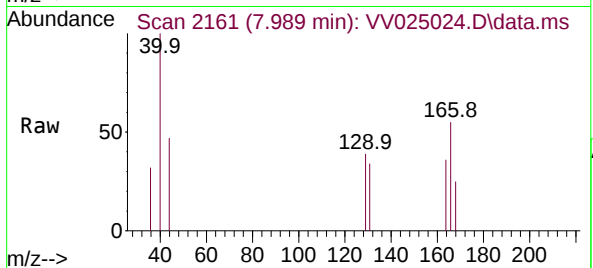
GBDC7

Tgt Ion:129 Resp: 271

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#61

1,2,3-Trichloropropane

Concen: 0.249 ug/L

RT: 10.008 min Scan# 2789

Delta R.T. -0.264 min

Lab File: VV025024.D

Acq: 16 Mar 2022 02:21

Tgt Ion: 75 Resp: 1395

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

110 0.0 31.2 46.8#

