

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072021\
 Data File : VV021690.D
 Acq On : 20 Jul 2021 16:12
 Operator : SY/MD
 Sample : M3017-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGD25

Quant Time: Jul 21 01:06:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 21 01:01:54 2021
 Response via : Initial Calibration

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

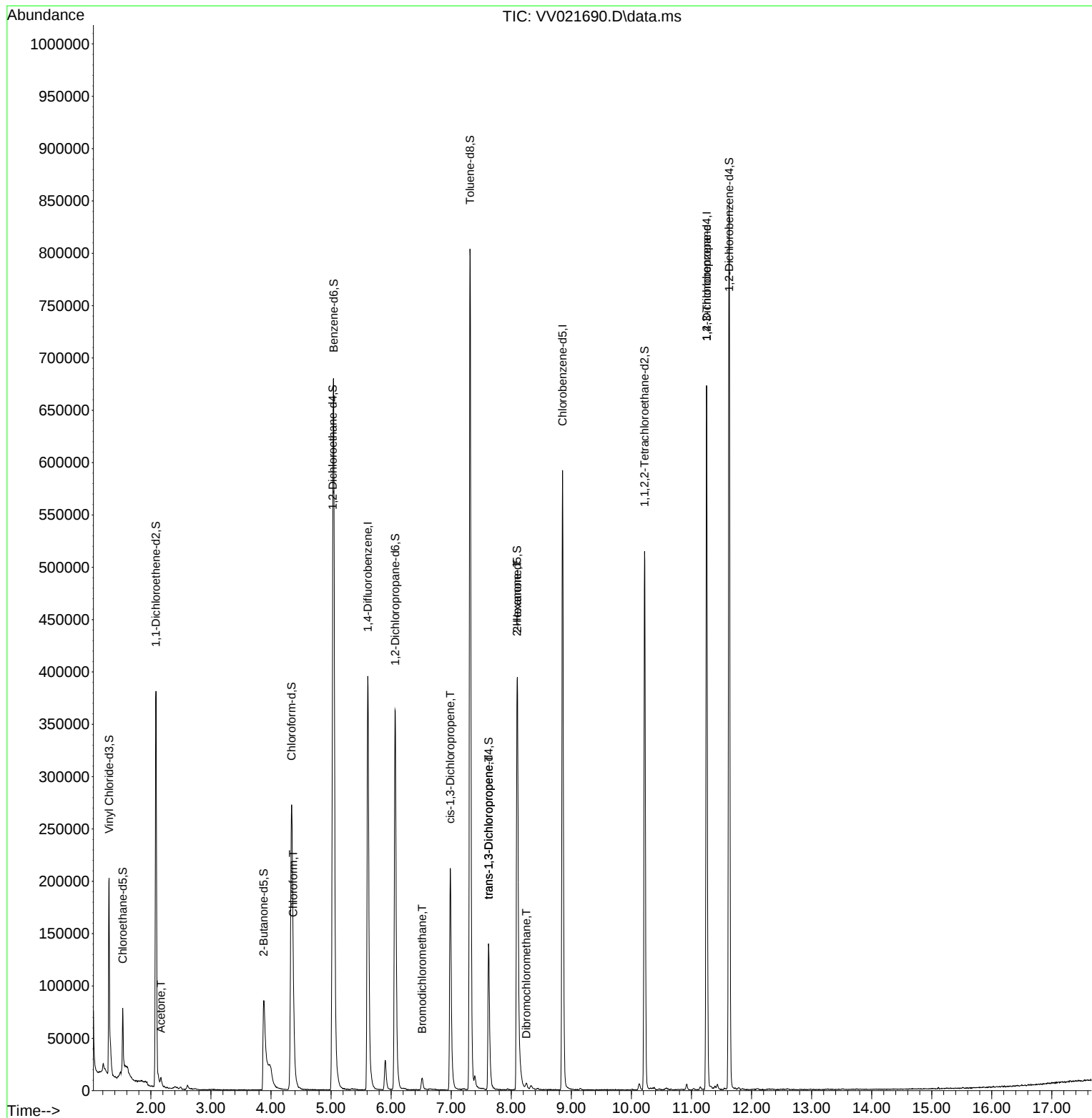
Internal Standards							
1) 1,4-Difluorobenzene		5.612	114	374520	50.000	ug/L	0.00
28) Chlorobenzene-d5		8.854	117	354994	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.252	152	179553	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.304	65	158378	59.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.560%	
7) Chloroethane-d5		1.532	69	34427	18.780	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	37.560%#	
11) 1,1-Dichloroethene-d2		2.085	63	197479	44.730	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.460%	
21) 2-Butanone-d5		3.879	46	170700	83.591	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.590%	
24) Chloroform-d		4.342	84	285065	56.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.320%	
26) 1,2-Dichloroethane-d4		5.027	65	181701	60.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.960%	
32) Benzene-d6		5.043	84	612866	58.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.320%	
36) 1,2-Dichloropropane-d6		6.066	67	194103	59.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.840%	
41) Toluene-d8		7.313	98	559043	57.913	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.820%	
43) trans-1,3-Dichloroprop...		7.622	79	91956	56.467	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.940%	
47) 2-Hexanone-d5		8.098	63	165597	112.240	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.240%	
56) 1,1,2,2-Tetrachloroeth...		10.220	84	255155	59.130	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.260%	
66) 1,2-Dichlorobenzene-d4		11.628	152	229597	61.854	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.700%#	
Target Compounds							Qvalue
13) Acetone		2.169	43	6042	4.665	ug/L	90
25) Chloroform		4.371	83	62310	13.565	ug/L	95
38) Bromodichloromethane		6.516	83	8972	2.519	ug/L	99
39) cis-1,3-Dichloropropene		6.985	75	5757	1.359	ug/L #	65
44) trans-1,3-Dichloropropene		7.622	75	4067	1.013	ug/L #	77
48) 2-Hexanone		8.101	43	18932	6.356	ug/L #	69
49) Dibromochloromethane		8.249	129	2895	0.968	ug/L	97
61) 1,2,3-Trichloropropane		11.252	75	18815	5.650	ug/L #	65

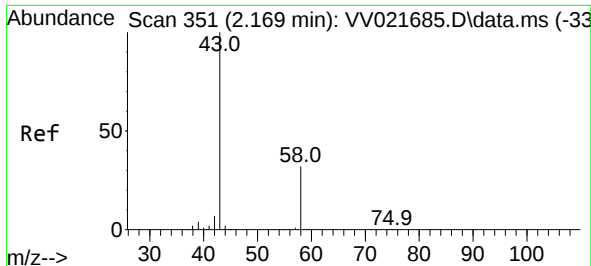
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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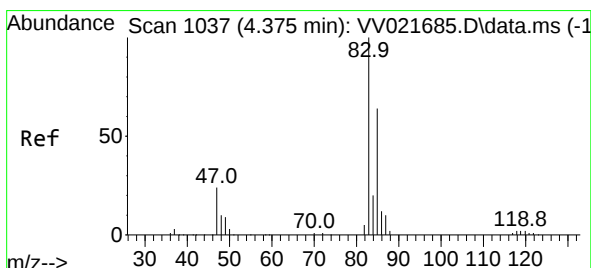
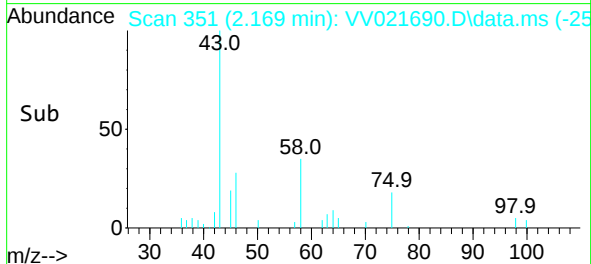
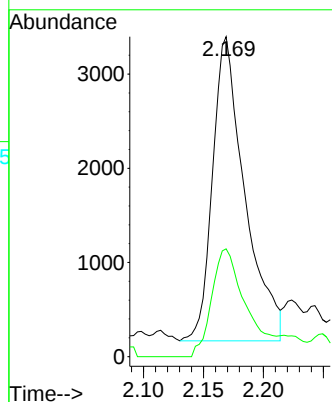
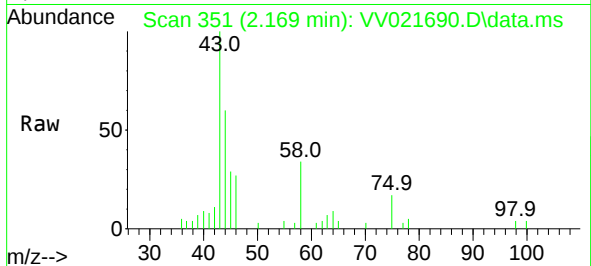




#13
Acetone
Concen: 4.665 ug/L
RT: 2.169 min Scan# 351
Delta R.T. 0.000 min
Lab File: VV021690.D
Acq: 20 Jul 2021 16:12

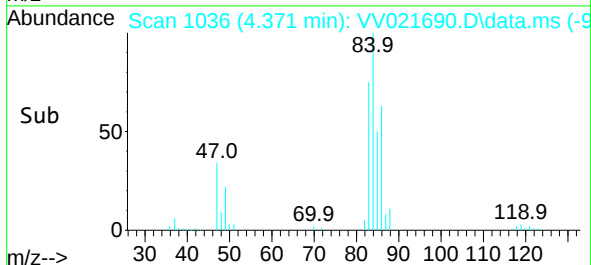
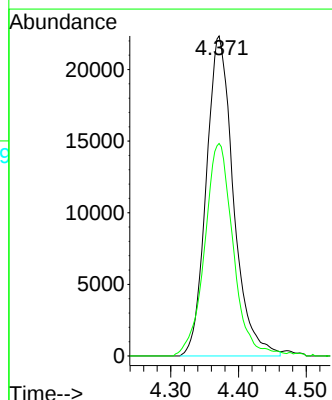
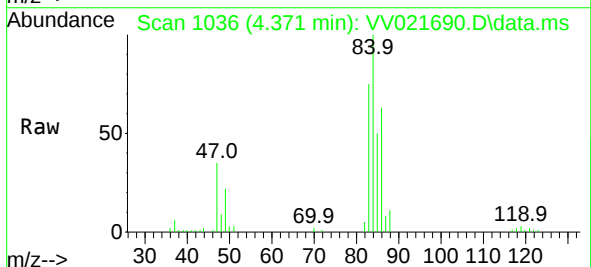
Instrument :
MSVOA_V
ClientSampleId :
BGD25

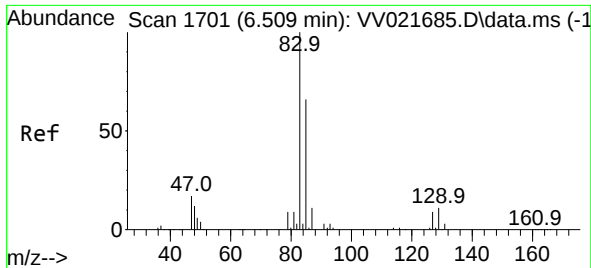
Tgt Ion: 43 Resp: 6042
Ion Ratio Lower Upper
43 100
58 37.6 0.0 64.6



#25
Chloroform
Concen: 13.565 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV021690.D
Acq: 20 Jul 2021 16:12

Tgt Ion: 83 Resp: 62310
Ion Ratio Lower Upper
83 100
85 66.4 43.8 81.4

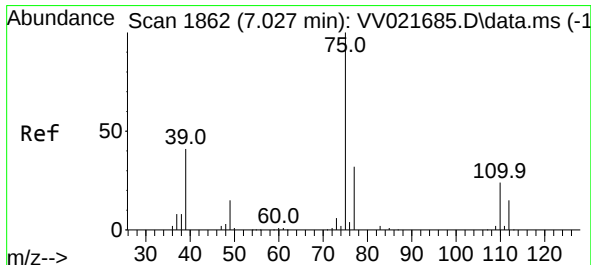
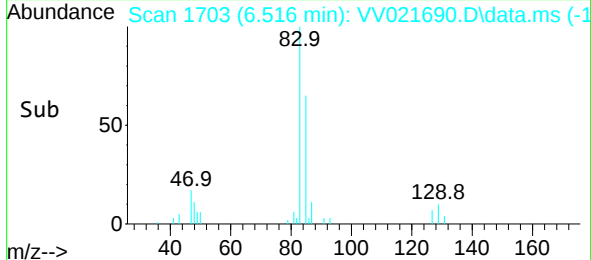
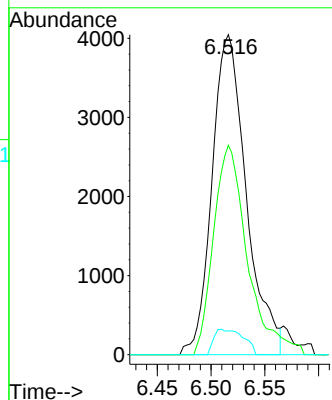
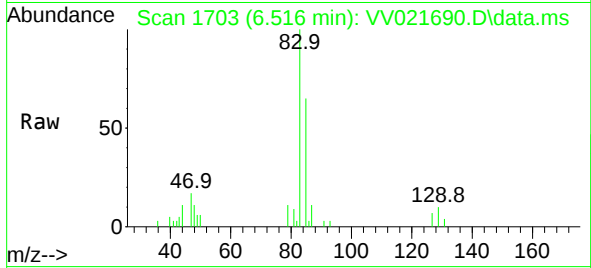




#38
Bromodichloromethane
Concen: 2.519 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.007 min
Lab File: VV021690.D
Acq: 20 Jul 2021 16:12

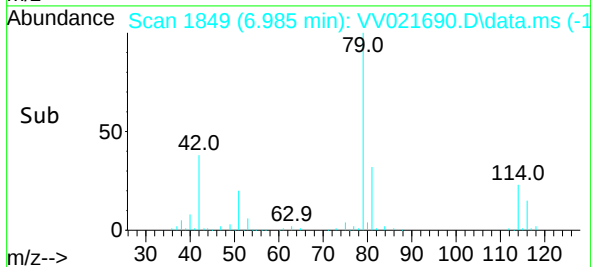
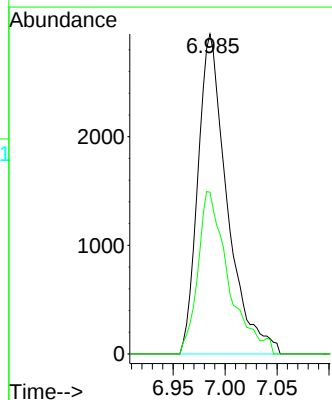
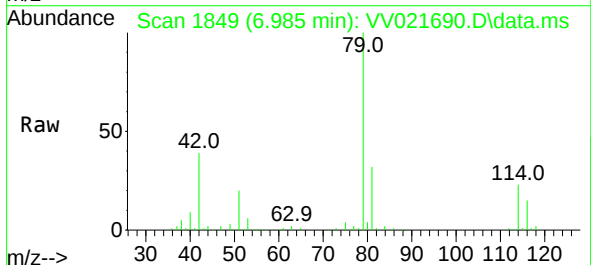
Instrument :
MSVOA_V
ClientSampleId :
BGD25

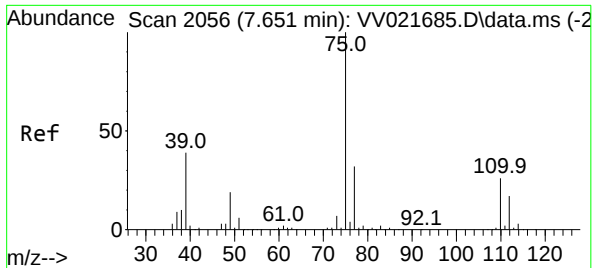
Tgt Ion:	83	Resp:	8972
Ion	Ratio	Lower	Upper
83	100		
85	65.4	46.1	85.5
127	7.4	7.4	11.0



#39
cis-1,3-Dichloropropene
Concen: 1.359 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV021690.D
Acq: 20 Jul 2021 16:12

Tgt Ion:	75	Resp:	5757
Ion	Ratio	Lower	Upper
75	100		
77	50.6	21.9	40.7#

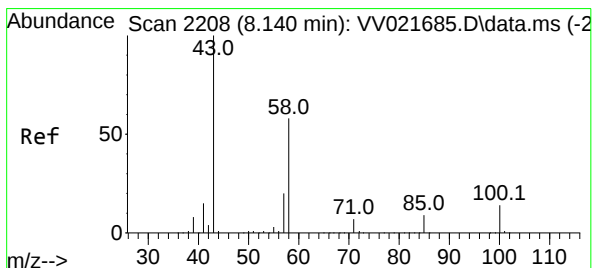
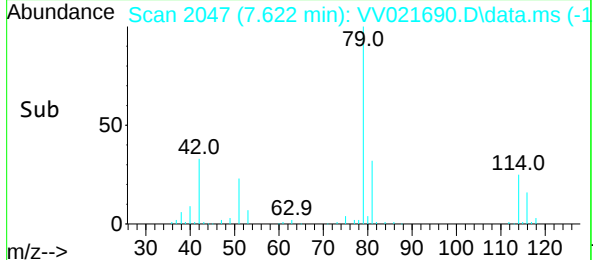
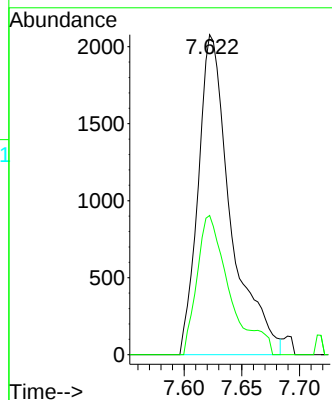
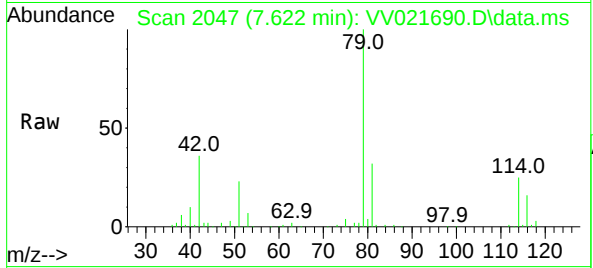




#44
trans-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021690.D
Acq: 20 Jul 2021 16:12

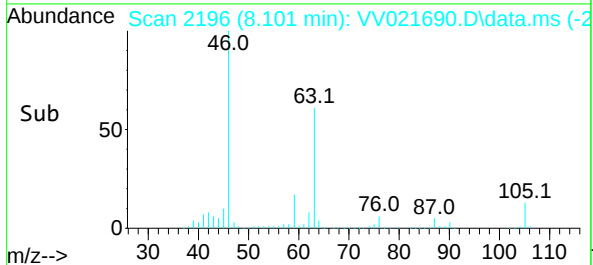
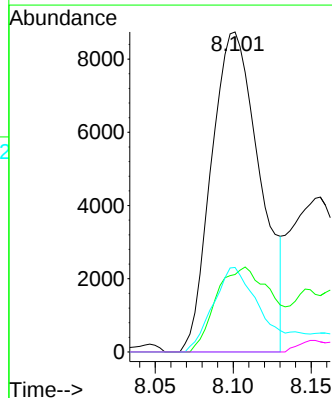
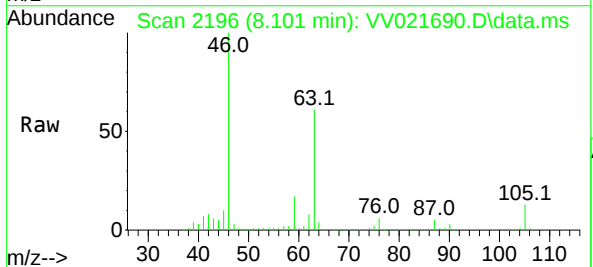
Instrument :
MSVOA_V
ClientSampled :
BGD25

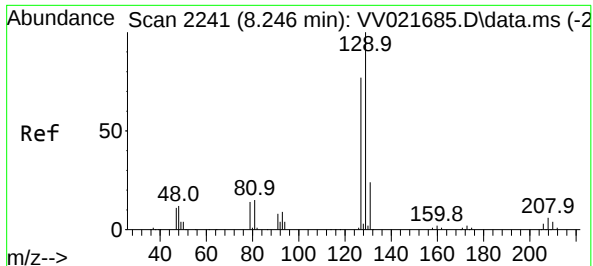
Tgt Ion: 75 Resp: 4067
Ion Ratio Lower Upper
75 100
77 43.5 21.8 40.4#



#48
2-Hexanone
Concen: 6.356 ug/L
RT: 8.101 min Scan# 2196
Delta R.T. -0.038 min
Lab File: VV021690.D
Acq: 20 Jul 2021 16:12

Tgt Ion: 43 Resp: 18932
Ion Ratio Lower Upper
43 100
58 30.3 46.0 69.0#
57 24.8 15.6 23.4#
100 0.0 11.0 16.4#





#49

Dibromochloromethane

Concen: 0.968 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV021690.D

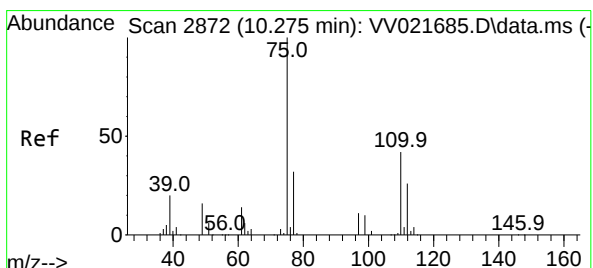
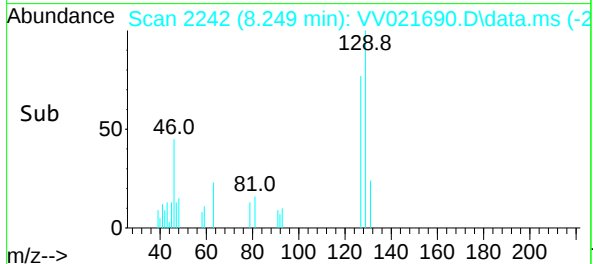
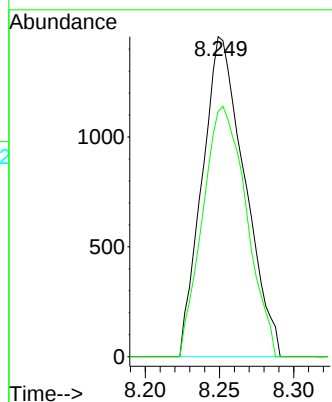
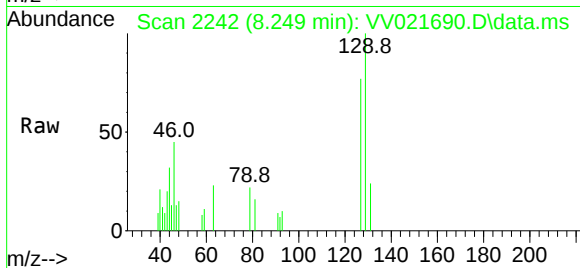
Acq: 20 Jul 2021 16:12

Tgt Ion: 129 Resp: 2895

Ion Ratio Lower Upper

129 100

127 76.6 55.6 103.4



#61

1,2,3-Trichloropropane

Concen: 5.650 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.978 min

Lab File: VV021690.D

Acq: 20 Jul 2021 16:12

Tgt Ion: 75 Resp: 18815

Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

110 2.9 32.9 49.3#

