

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022821.D
 Acq On : 15 Oct 2021 03:03
 Operator : SY/MD
 Sample : M4223-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC1

Quant Time: Oct 16 03:57:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

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

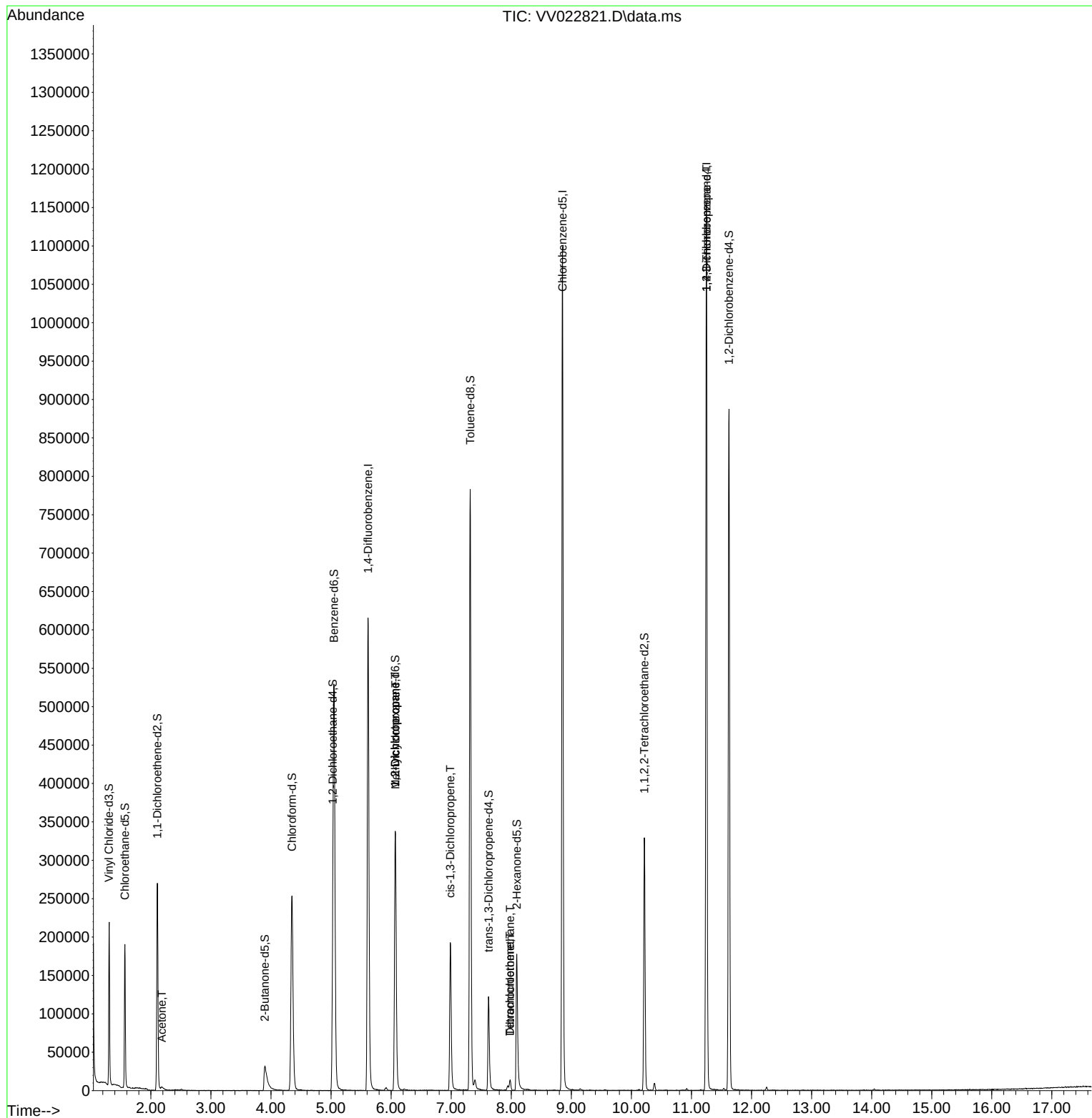
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	541763	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	607162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	305947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	131524	3.529	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.568	69	111148	3.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.108	63	138880	1.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	38.000%#
20) 2-Butanone-d5	3.899	46	61669	6.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	12.620%#
24) Chloroform-d	4.349	84	267139	3.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
26) 1,2-Dichloroethane-d4	5.031	65	130693	3.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
32) Benzene-d6	5.050	84	481389	2.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	53.200%#
36) 1,2-Dichloropropane-d6	6.069	67	163848	3.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	61.200%
41) Toluene-d8	7.317	98	515766	3.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.622	79	69997	3.942	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.091	63	60942	8.516	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	17.040%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	157265	4.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	237947	4.195	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
13) Acetone	2.182	43	7189	1.319	ug/L #	64
35) Methylcyclohexane	6.072	83	41246	0.662	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	18433	0.469	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	4981	0.096	ug/L #	57
47) Tetrachloroethene	7.979	164	3296	0.092	ug/L	92
49) Dibromochloromethane	7.982	129	2885	0.084	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	33865	1.593	ug/L #	63

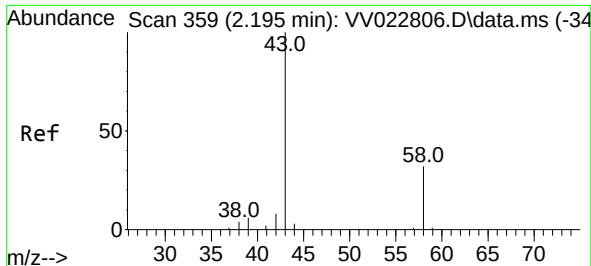
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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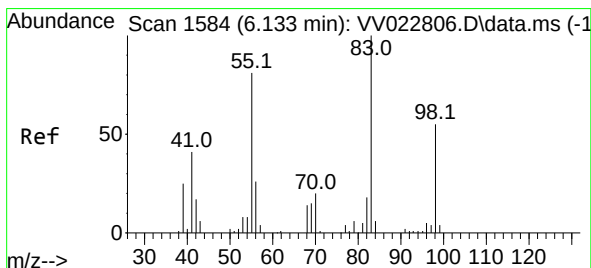
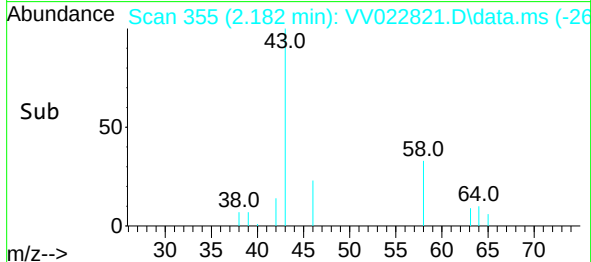
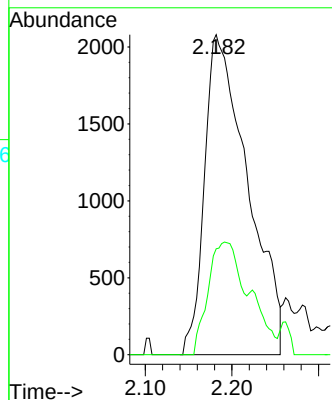
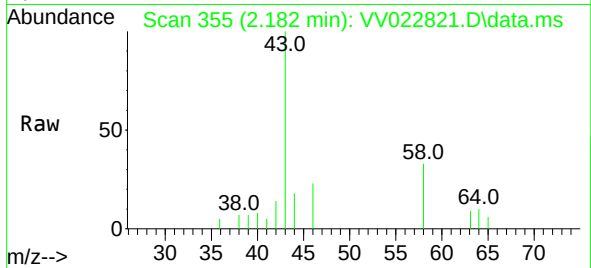




#13
Acetone
Concen: 1.319 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.013 min
Lab File: VV022821.D
Acq: 15 Oct 2021 03:03

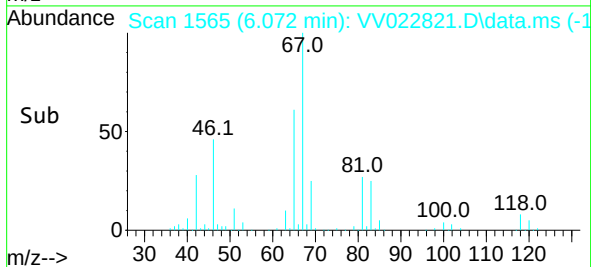
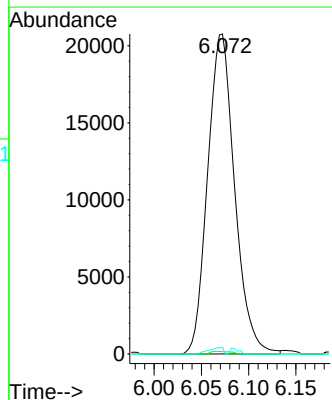
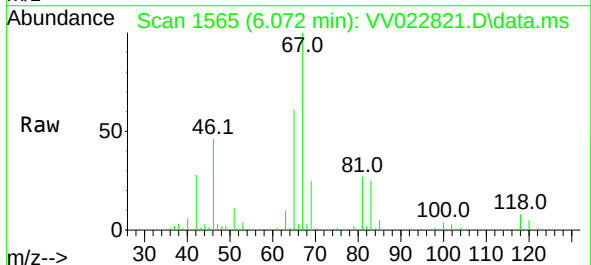
Instrument :
MSVOA_V
ClientSampleId :
BFGC1

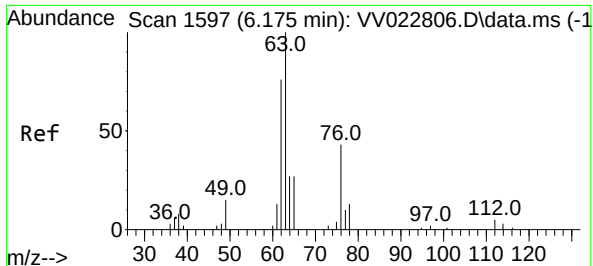
Tgt Ion: 43 Resp: 7189
Ion Ratio Lower Upper
43 100
58 26.2 0.0 24.2#



#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV022821.D
Acq: 15 Oct 2021 03:03

Tgt Ion: 83 Resp: 41246
Ion Ratio Lower Upper
83 100
55 0.6 63.8 95.6#
98 1.1 42.1 63.1#



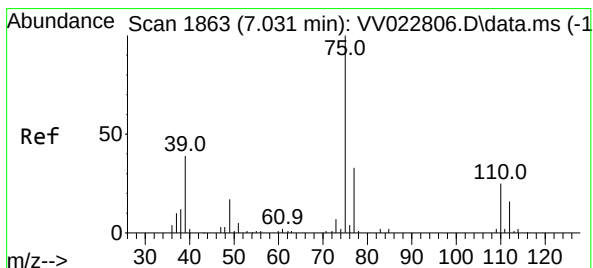
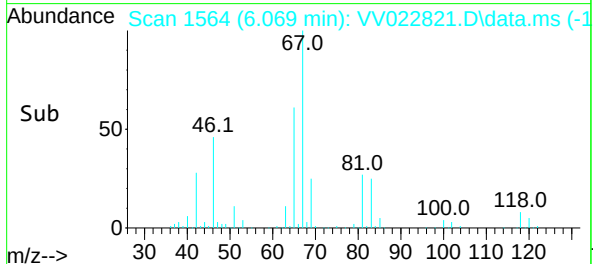
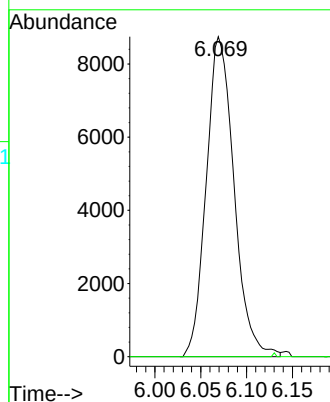
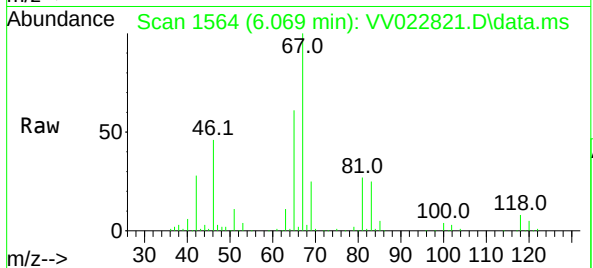


#37

1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022821.D
Acq: 15 Oct 2021 03:03

Instrument :
MSVOA_V
ClientSampled :
BFGC1

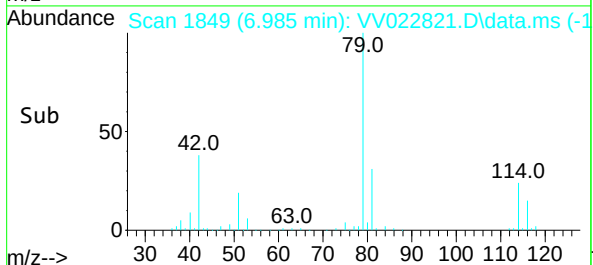
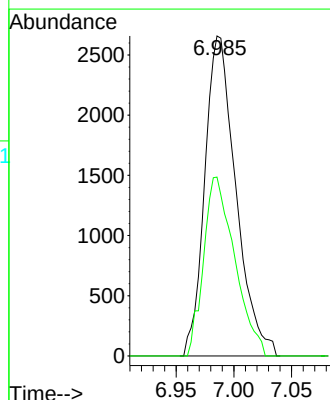
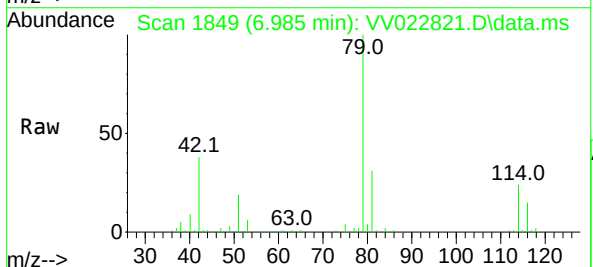
Tgt Ion: 63 Resp: 18433
Ion Ratio Lower Upper
63 100
112 0.1 4.4 6.6#

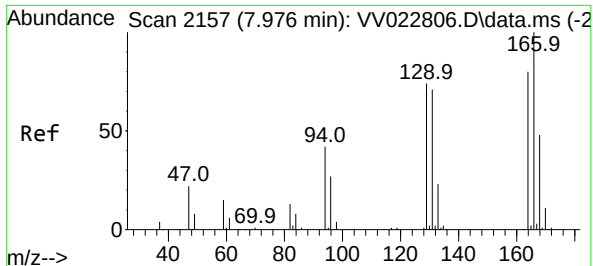


#39

cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV022821.D
Acq: 15 Oct 2021 03:03

Tgt Ion: 75 Resp: 4981
Ion Ratio Lower Upper
75 100
77 55.9 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.092 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022821.D

Acq: 15 Oct 2021 03:03

Instrument :
MSVOA_V
ClientSampleId :
BFGC1

Tgt Ion:164 Resp: 3296

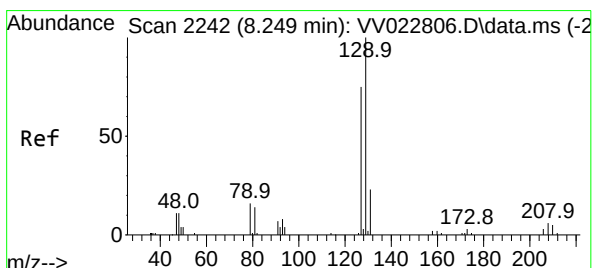
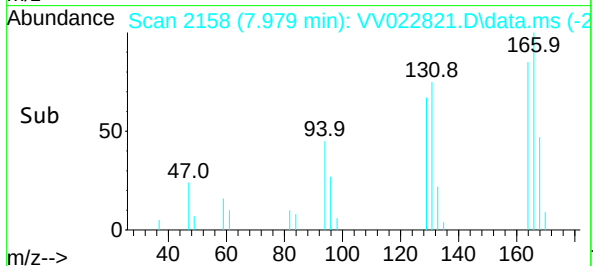
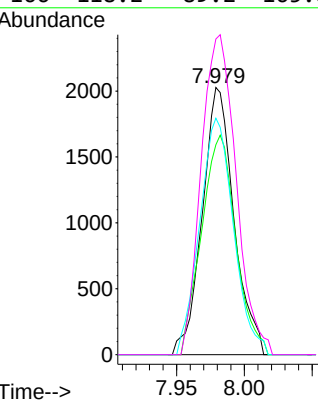
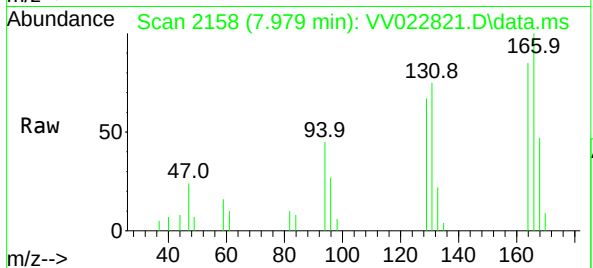
Ion Ratio Lower Upper

164 100

129 78.6 65.0 120.6

131 88.5 62.2 115.4

166 118.2 89.2 165.8



#49

Dibromochloromethane

Concen: 0.084 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.267 min

Lab File: VV022821.D

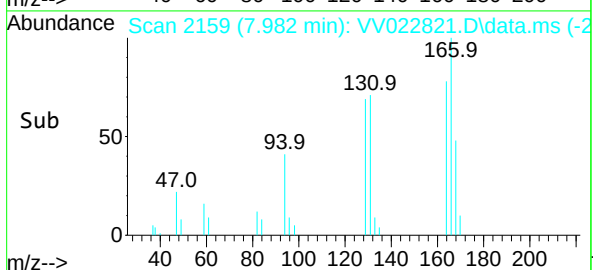
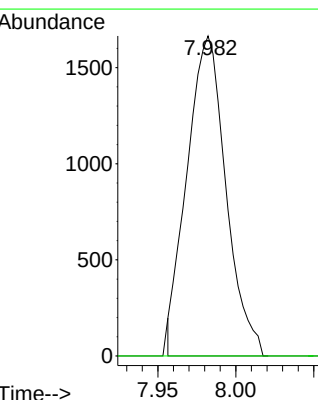
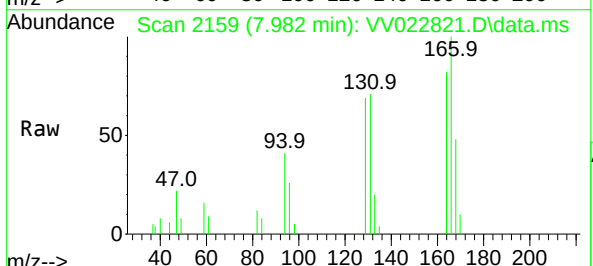
Acq: 15 Oct 2021 03:03

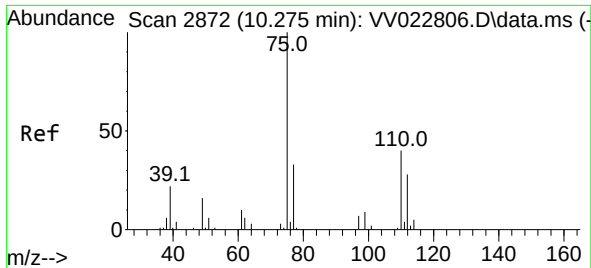
Tgt Ion:129 Resp: 2885

Ion Ratio Lower Upper

129 100

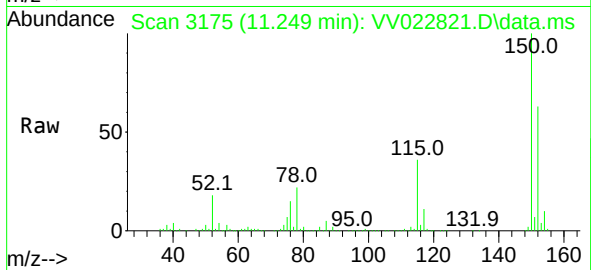
127 0.0 59.1 109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.593 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022821.D
 Acq: 15 Oct 2021 03:03

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC1



Tgt Ion: 75 Resp: 33865
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2
 110 3.2 34.2 51.4#

