

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018125.D
 Acq On : 27 Aug 2020 18:45
 Operator : SY/MD
 Sample : L3800-21 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J3

Quant Time: Aug 28 06:25:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	262554	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261262	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125902	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81462	40.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.32%
7) Chloroethane-d5	1.58	69	73873	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.14%
11) 1,1-Dichloroethene-d2	2.12	63	127463	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.91	46	122012	92.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.99%
24) Chloroform-d	4.38	84	162369	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.06	65	111563	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.08	84	328614	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
36) 1,2-Dichloropropane-d6	6.09	67	107363	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.22%
41) Toluene-d8	7.34	98	291214	44.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.94%
43) trans-1,3-Dichloropropene-	7.64	79	48538	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.92%
47) 2-Hexanone-d5	8.11	63	60759	80.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132984	43.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	123789	49.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.92%

Target Compounds

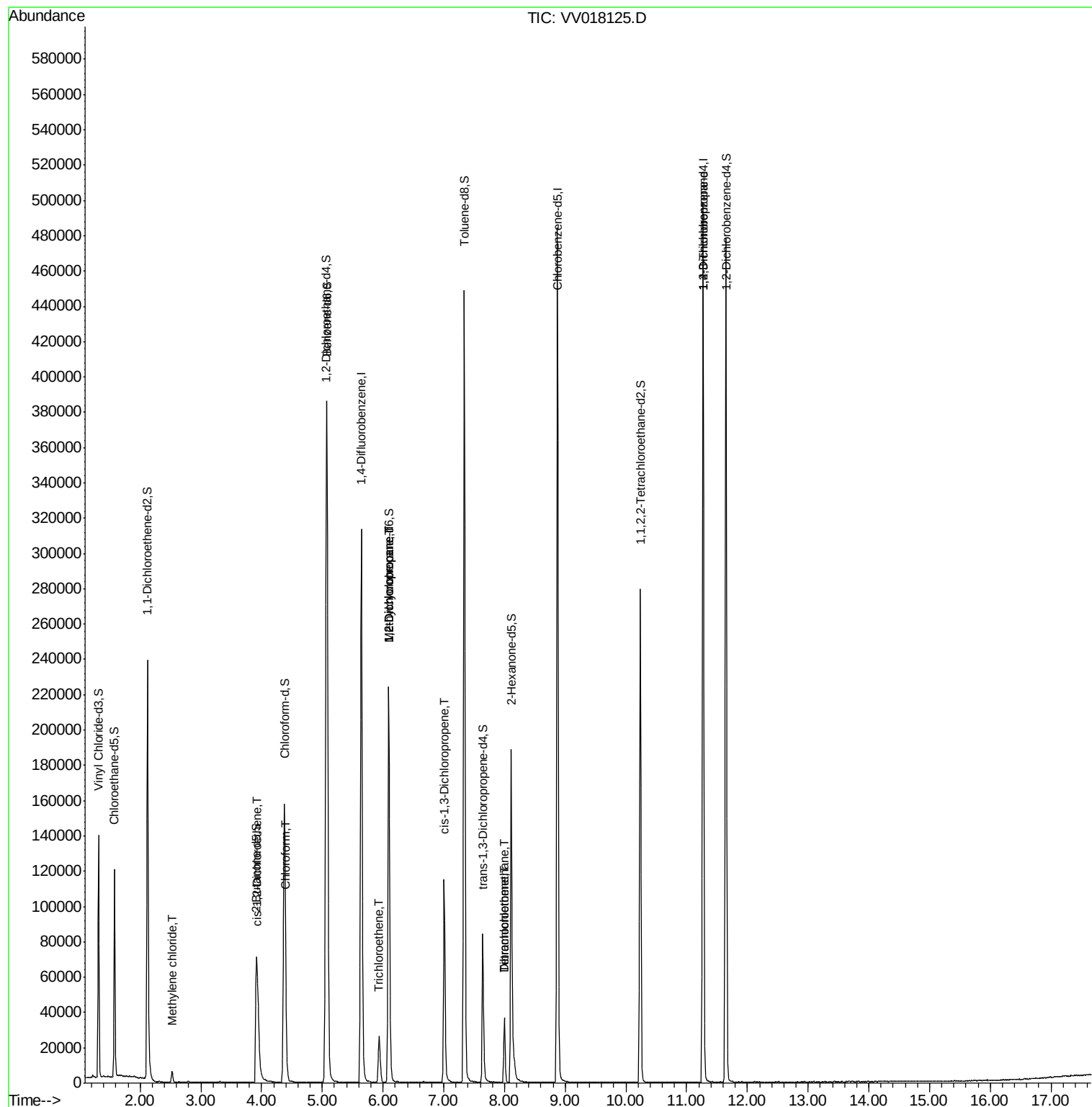
					Ovalue
16) Methylene chloride	2.53	84	2745	1.223 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	8376	4.210 ug/L	97
25) Chloroform	4.41	83	5334	1.437 ug/L	98
34) Trichloroethene	5.94	95	5790	2.710 ug/L	93
35) Methylcyclohexane	6.09	83	26235	8.258 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12083	5.481 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2807	0.898 ug/L #	65
46) Tetrachloroethene	8.00	164	8596	5.486 ug/L	97
49) Dibromochloromethane	8.00	129	8035	4.032 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	14385	5.284 ug/L	90

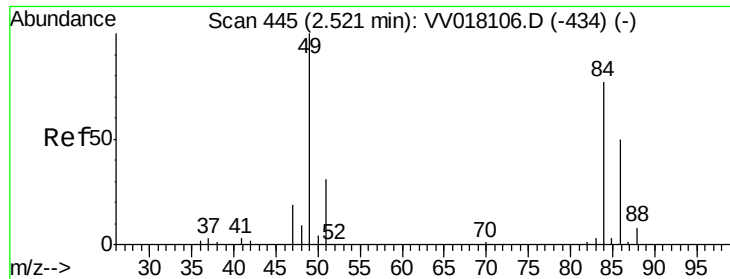
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 28 06:20:16 2020
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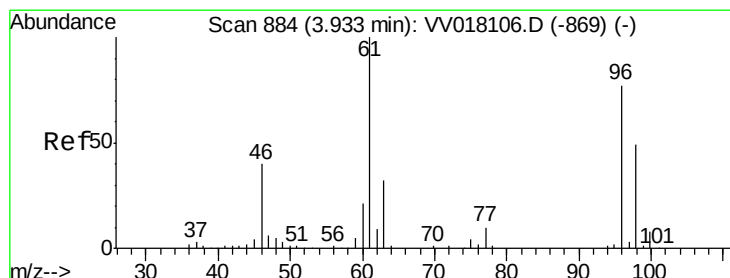
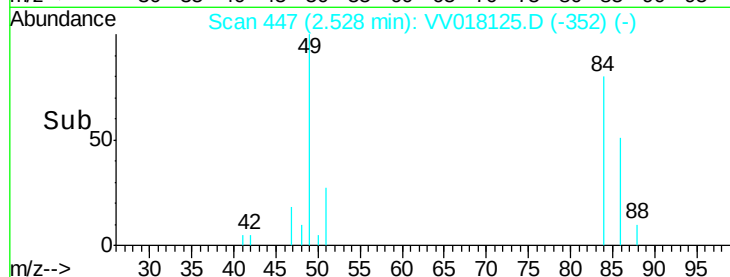
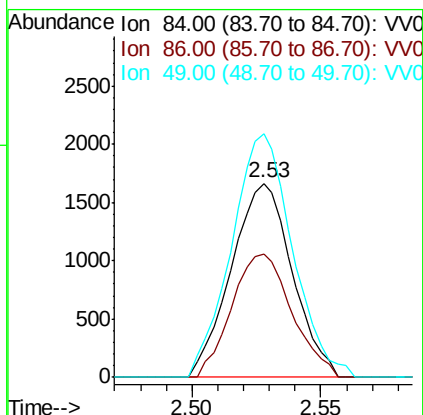
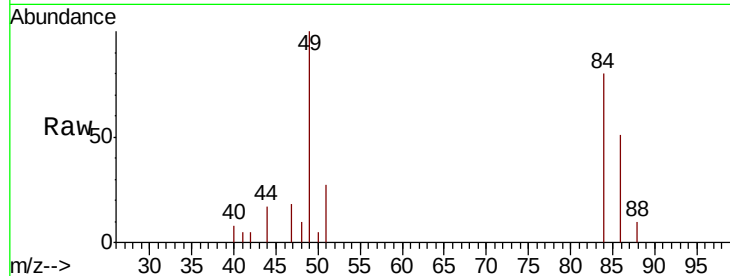




#16
Methylene chloride
Concen: 1.223 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV018125.D
Acq: 27 Aug 2020 18:45

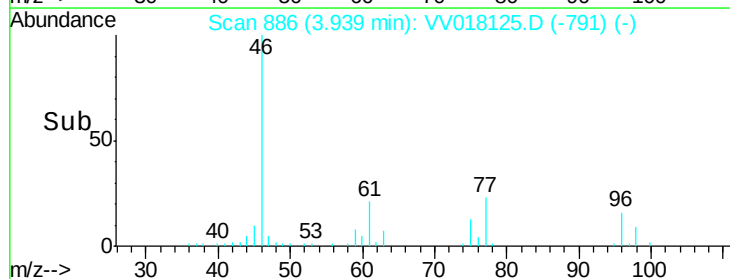
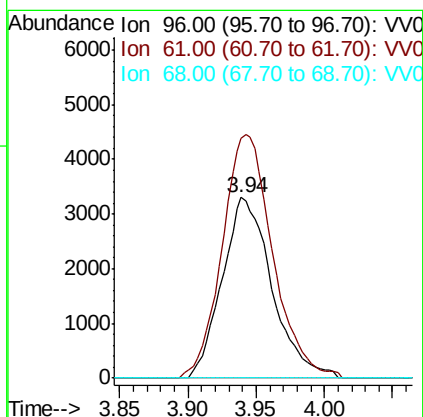
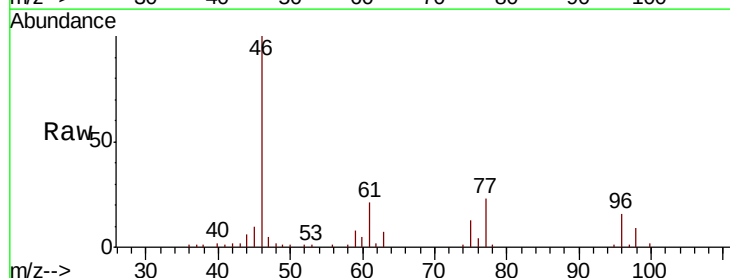
Instrument :
MSVOA_V
ClientSampled :
BG3J3

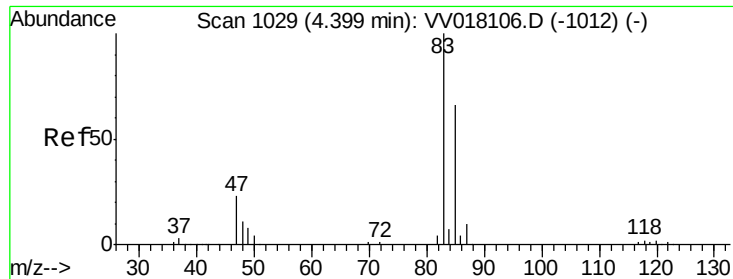
Tot Ion: 84 Resp: 2745
Ion Ratio Lower Upper
84 100
86 63.6 46.3 85.9
49 125.3 89.7 166.5



#20
cis-1,2-Dichloroethene
Concen: 4.210 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV018125.D
Acq: 27 Aug 2020 18:45

Tgt Ion: 96 Resp: 8376
Ion Ratio Lower Upper
96 100
61 132.6 95.0 176.4
68 0.0 0.0 0.0

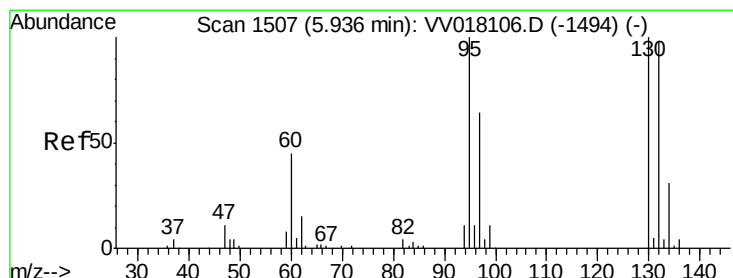
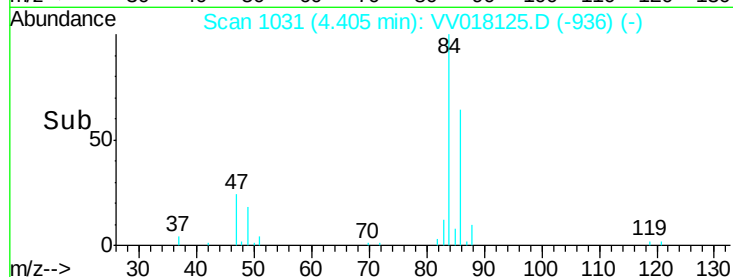
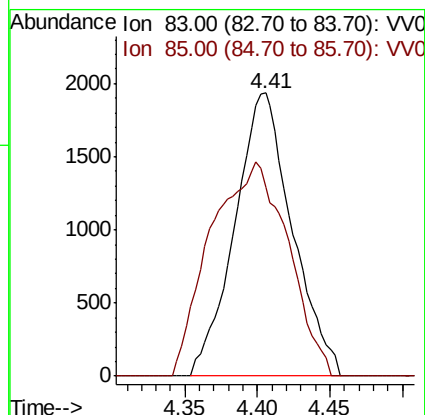
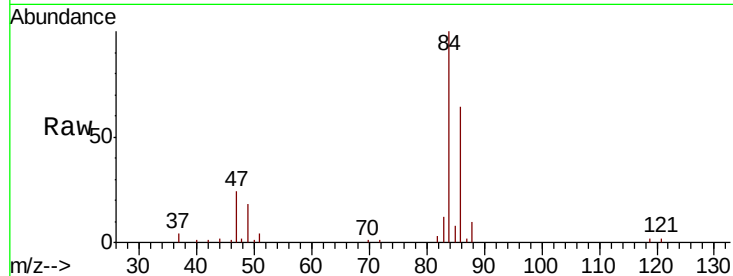




#25
Chloroform
Concen: 1.437 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018125.D
Acq: 27 Aug 2020 18:45

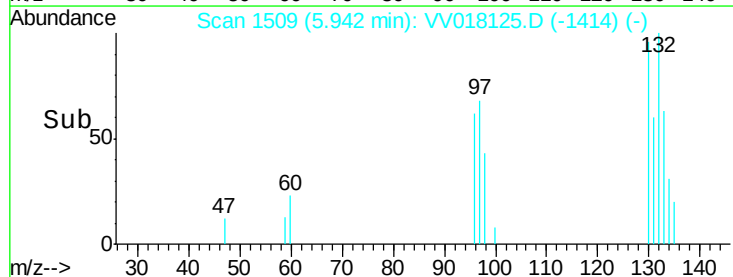
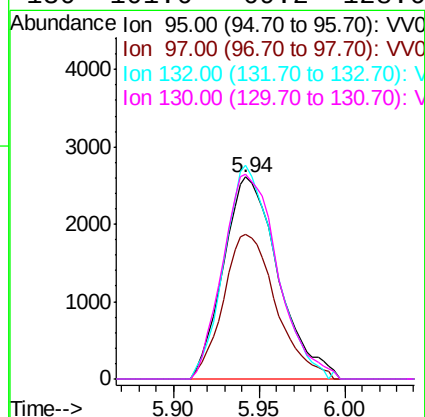
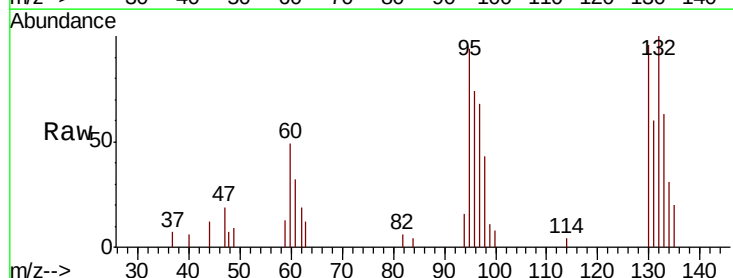
Instrument :
MSVOA_V
ClientSampleId :
BG3J3

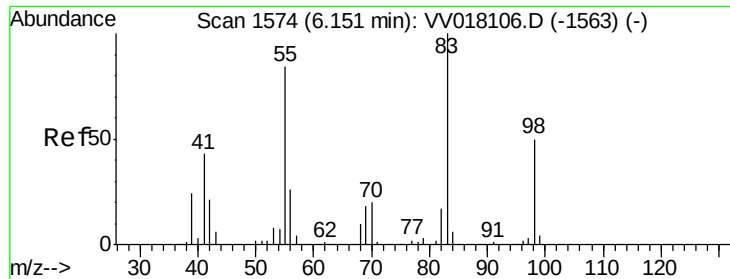
Tot Ion: 83 Resp: 5334
Ion Ratio Lower Upper
83 100
85 66.7 45.5 84.5



#34
Trichloroethene
Concen: 2.710 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV018125.D
Acq: 27 Aug 2020 18:45

Tgt Ion: 95 Resp: 5790
Ion Ratio Lower Upper
95 100
97 71.5 46.0 85.4
132 105.9 65.8 122.2
130 101.6 69.2 128.6

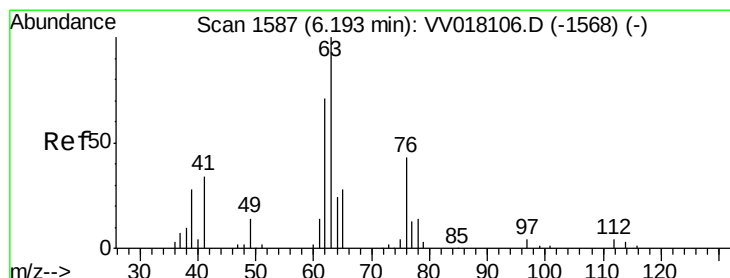
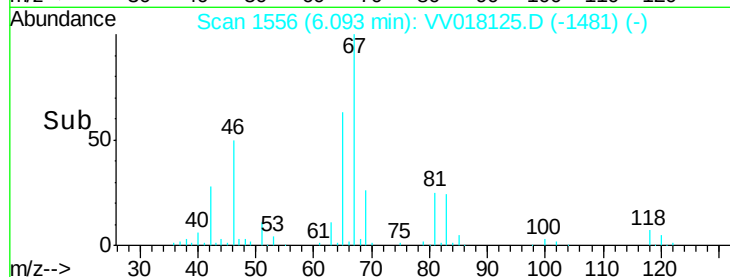
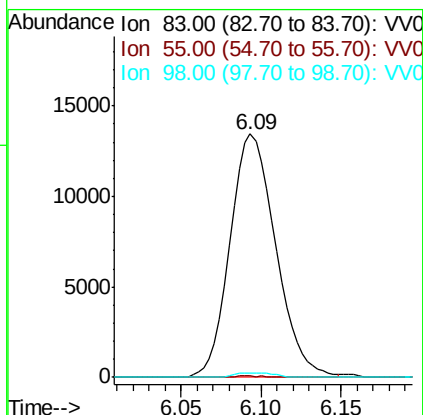
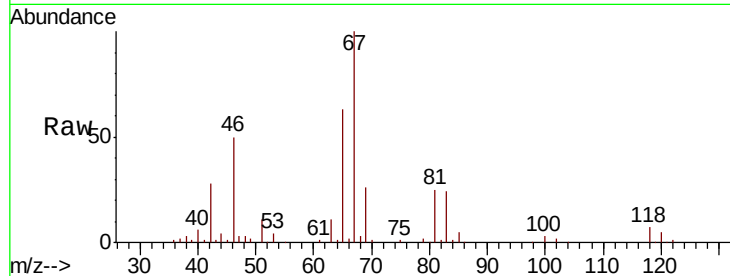




#35
Methvlcvclohexane
Concen: 8.258 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018125.D
Acq: 27 Aug 2020 18:45

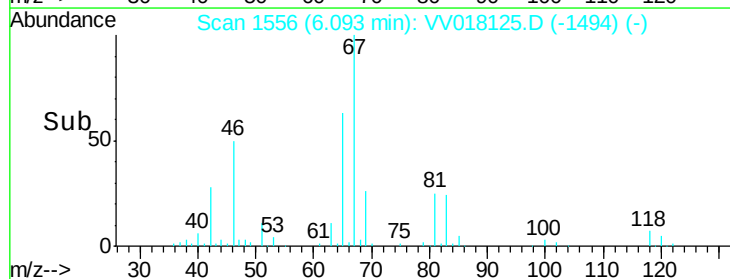
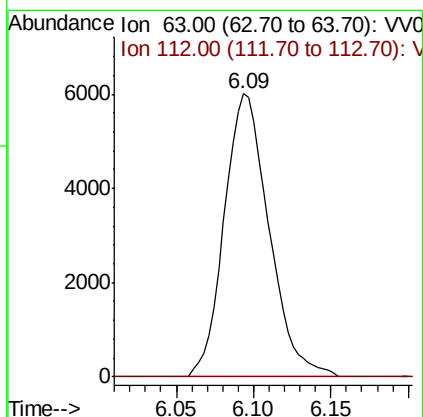
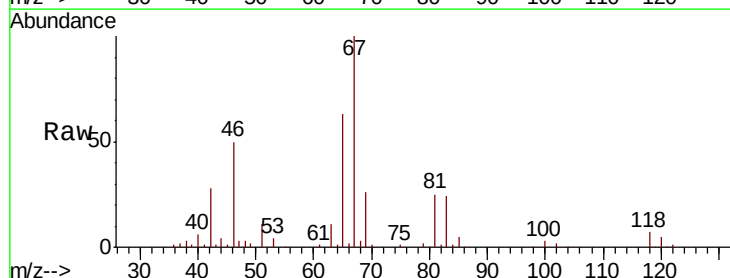
Instrument :
MSVOA_V
ClientSampleId :
BG3J3

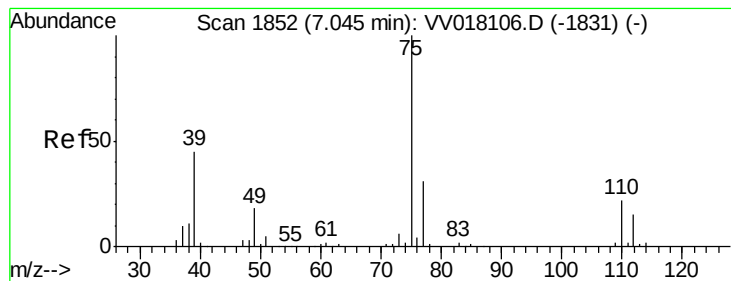
Tot Ion: 83 Resp: 26235
Ion Ratio Lower Upper
83 100
55 0.2 64.9 97.3#
98 0.9 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 5.481 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018125.D
Acq: 27 Aug 2020 18:45

Tgt Ion: 63 Resp: 12083
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



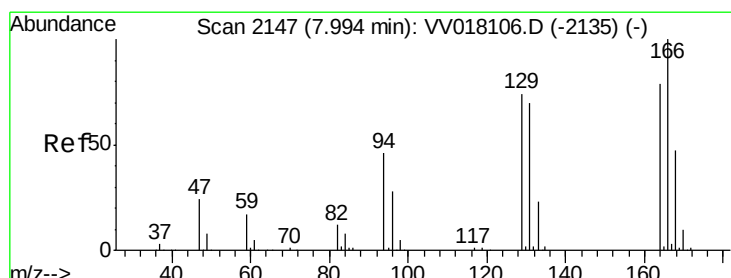
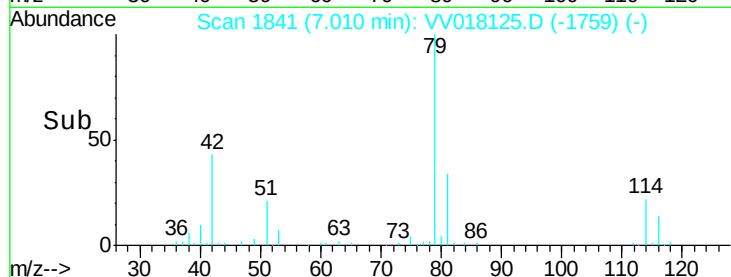
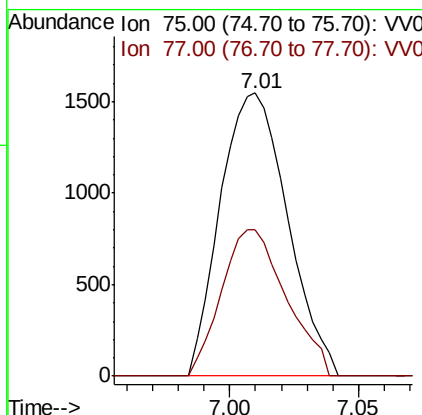
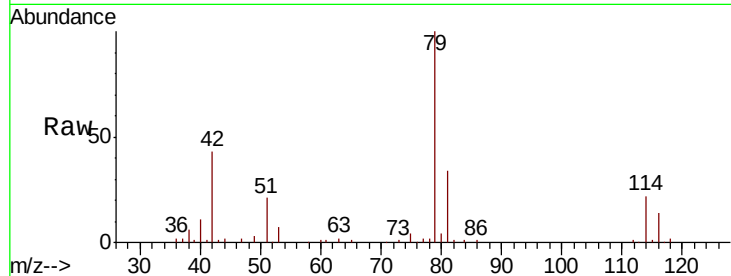


#39

cis-1,3-Dichloropropene
Concen: 0.898 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018125.D
Acq: 27 Aug 2020 18:45

Instrument :
MSVOA_V
ClientSampleId :
BG3J3

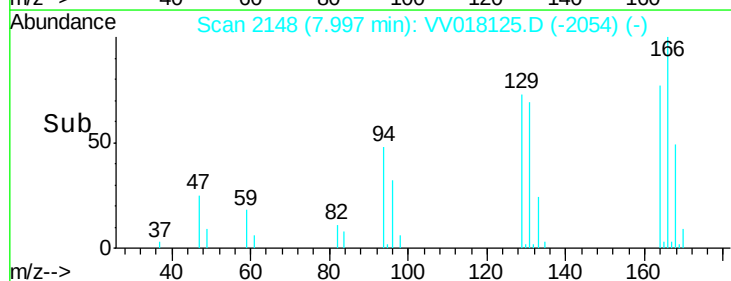
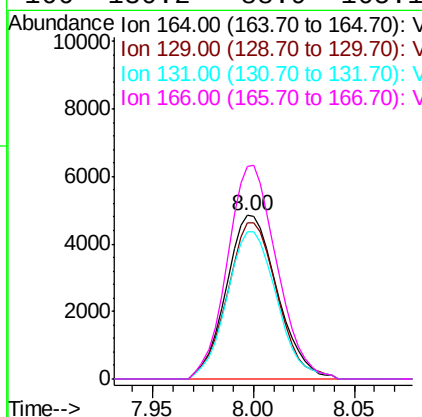
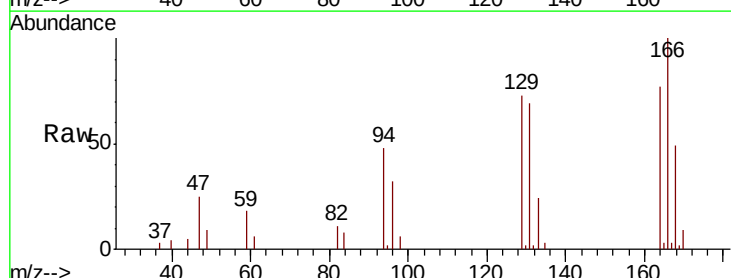
Tot Ion: 75 Resp: 2807
Ion Ratio Lower Upper
75 100
77 51.6 22.3 41.5#

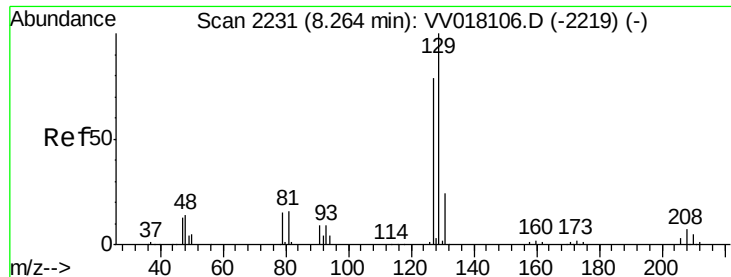


#46

Tetrachloroethene
Concen: 5.486 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018125.D
Acq: 27 Aug 2020 18:45

Tgt Ion: 164 Resp: 8596
Ion Ratio Lower Upper
164 100
129 95.5 64.8 120.3
131 90.3 64.5 119.9
166 130.2 88.9 165.1





#49

Dibromochloromethane

Concen: 4.032 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.26 min

Lab File: VV018125.D

Acq: 27 Aug 2020 18:45

Instrument :

MSVOA_V

ClientSampled :

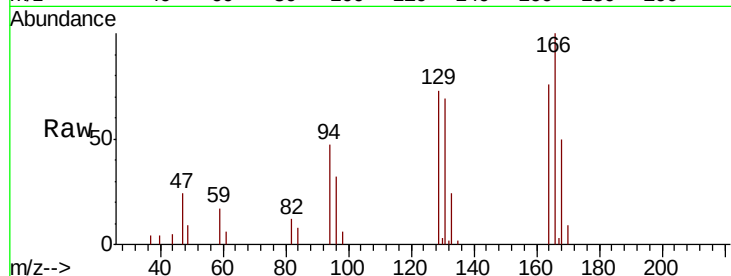
BG3J3

Tot Ion:129 Resp: 8035

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.00

5000

4000

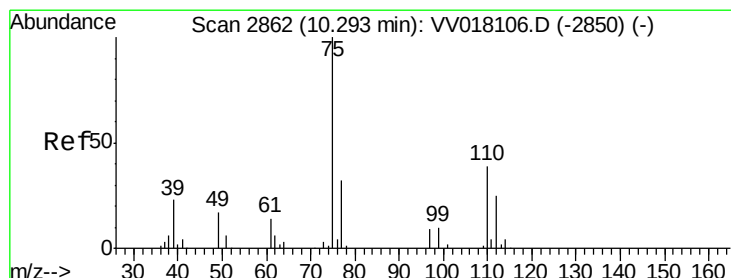
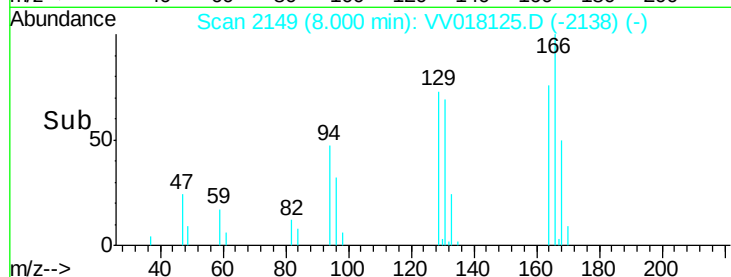
3000

2000

1000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.284 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018125.D

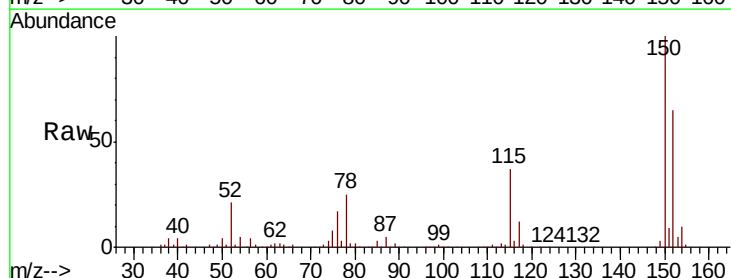
Acq: 27 Aug 2020 18:45

Tgt Ion: 75 Resp: 14385

Ion Ratio Lower Upper

75 100

77 37.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.27

10000

8000

6000

4000

2000

0

Time-->

