

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018123.D
 Acq On : 27 Aug 2020 17:58
 Operator : SY/MD
 Sample : L3800-19 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G6

Quant Time: Aug 28 06:24:50 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	260413	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83470	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.02%
7) Chloroethane-d5	1.58	69	75677	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.10%
11) 1,1-Dichloroethene-d2	2.12	63	129508	34.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.16%
21) 2-Butanone-d5	3.91	46	122578	94.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.19%
24) Chloroform-d	4.38	84	166521	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.06	65	114263	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.08	84	334146	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
36) 1,2-Dichloropropane-d6	6.09	67	110566	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.34	98	293894	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%
43) trans-1,3-Dichloropropene-	7.64	79	50587	48.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.64%
47) 2-Hexanone-d5	8.11	63	63209	85.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137288	45.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	124972	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%

Target Compounds

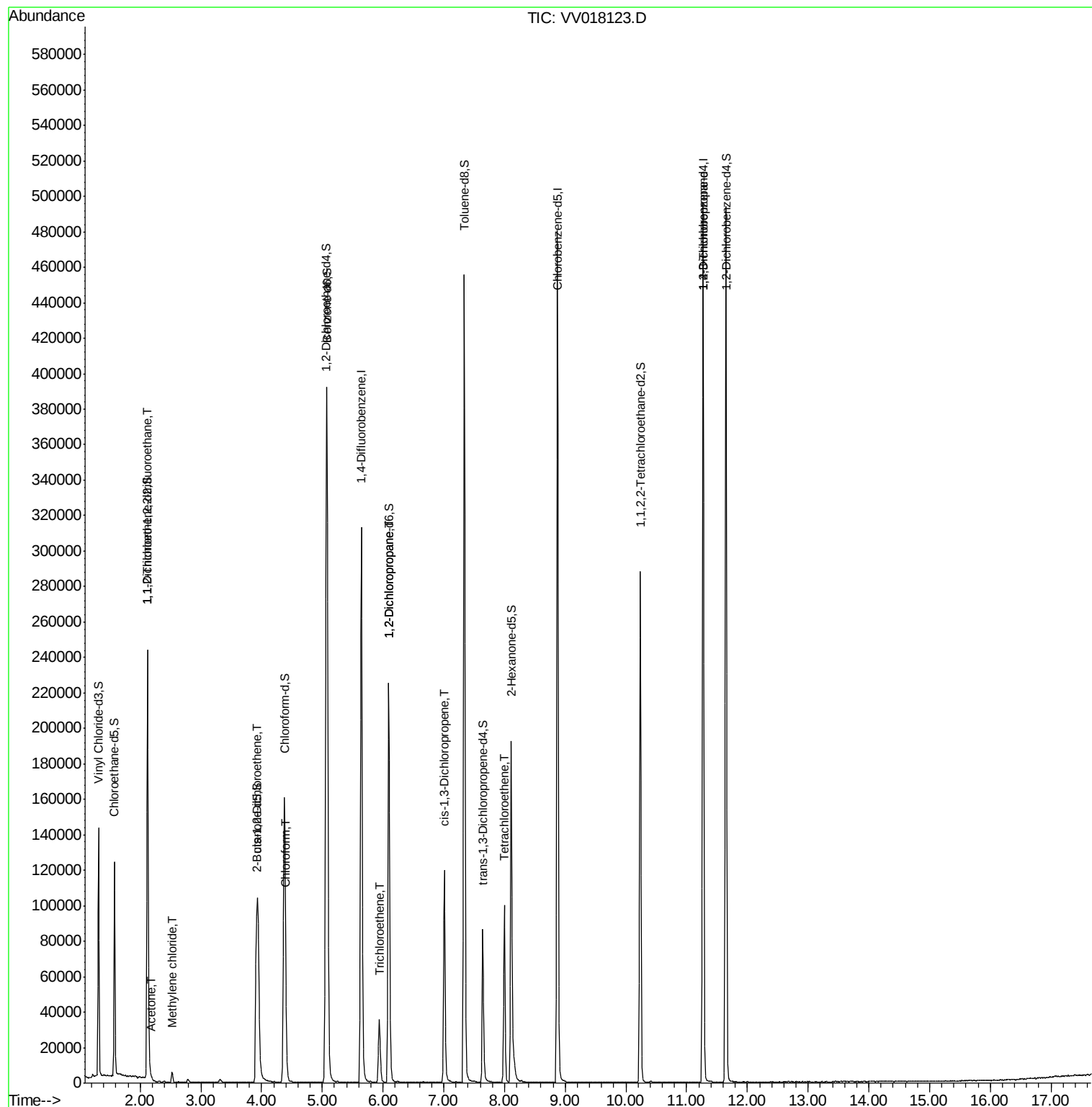
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1208	0.655 ug/L #	20
13) Acetone	2.19	43	1537	1.143 ug/L	76
16) Methylene chloride	2.52	84	2507	1.127 ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	38746	19.636 ug/L	97
25) Chloroform	4.41	83	4624	1.256 ug/L	94
34) Trichloroethene	5.94	95	9964	4.756 ug/L	98
37) 1,2-Dichloropropane	6.09	63	11822	5.469 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2917	0.952 ug/L #	73
46) Tetrachloroethene	8.00	164	22678	14.759 ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	14807	5.546 ug/L	92

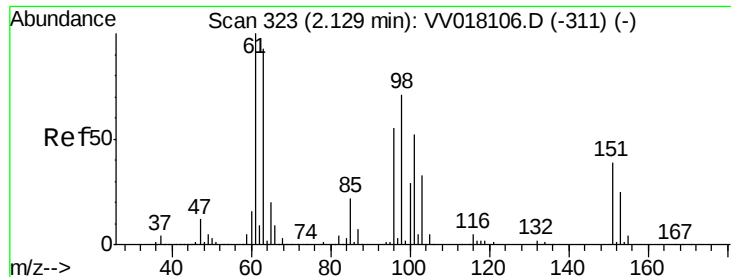
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 28 06:20:16 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.655 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018123.D

Acq: 27 Aug 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

BG3G6

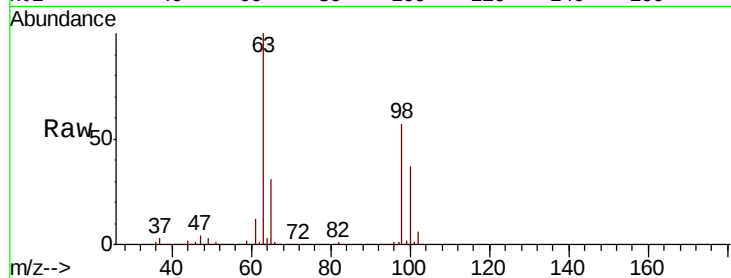
Tot Ion:101 Resp: 1208

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

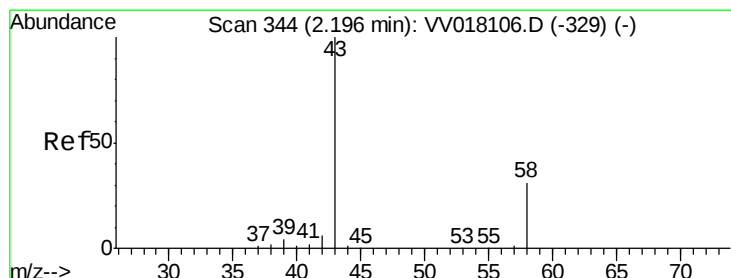
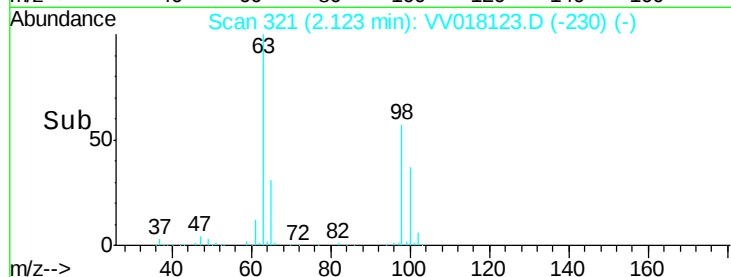
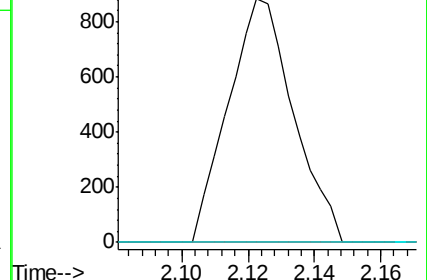
151 0.0 59.1 88.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.143 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV018123.D

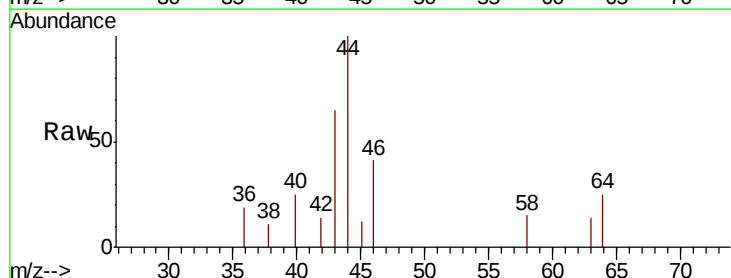
Acq: 27 Aug 2020 17:58

Tgt Ion: 43 Resp: 1537

Ion Ratio Lower Upper

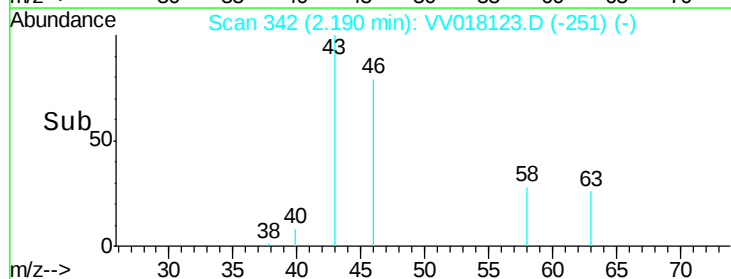
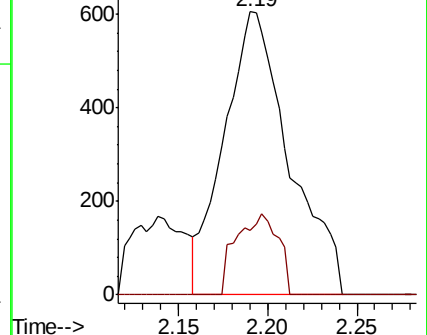
43 100

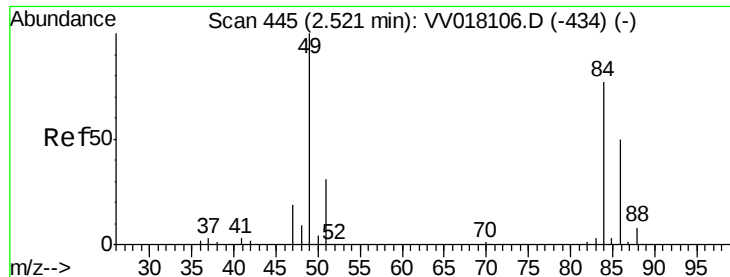
58 18.4 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

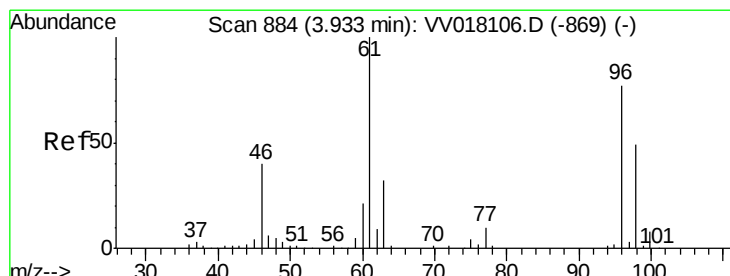
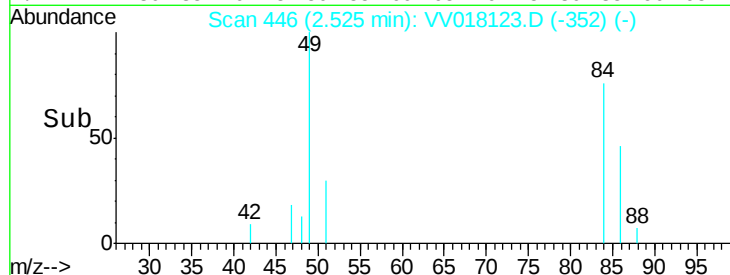
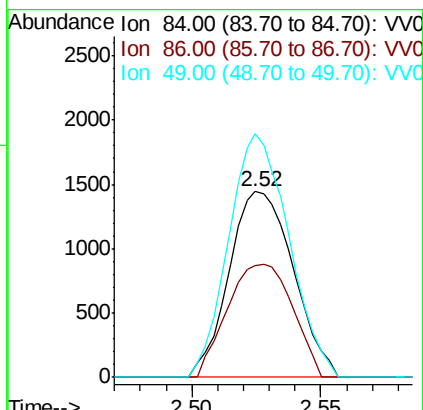
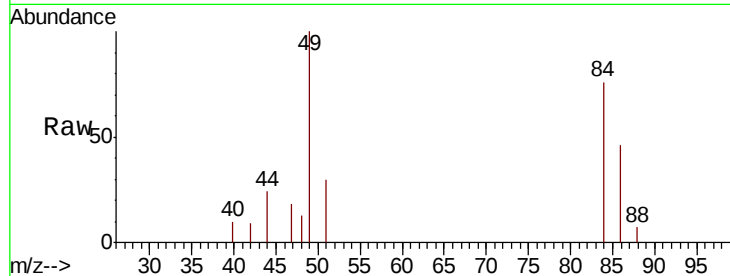




#16
Methylene chloride
Concen: 1.127 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV018123.D
Acq: 27 Aug 2020 17:58

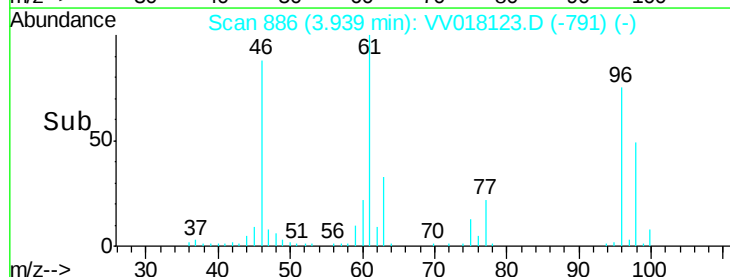
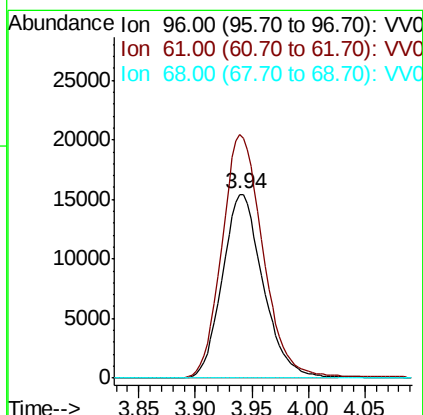
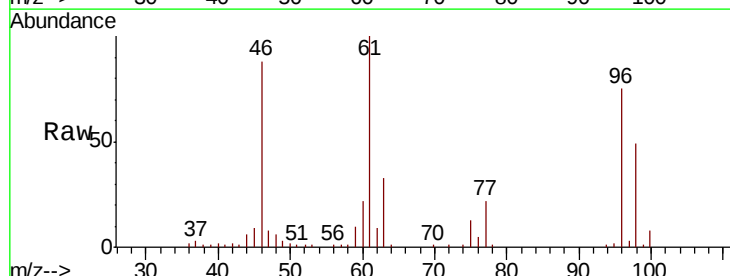
Instrument :
MSVOA_V
ClientSampled :
BG3G6

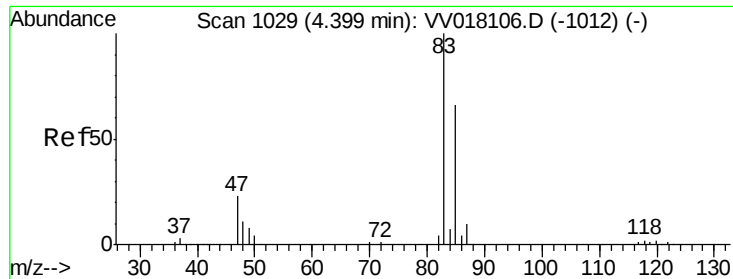
Tot Ion: 84 Resp: 2507
Ion Ratio Lower Upper
84 100
86 60.1 46.3 85.9
49 131.1 89.7 166.5



#20
cis-1,2-Dichloroethene
Concen: 19.636 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV018123.D
Acq: 27 Aug 2020 17:58

Tgt Ion: 96 Resp: 38746
Ion Ratio Lower Upper
96 100
61 132.5 95.0 176.4
68 0.0 0.0 0.0

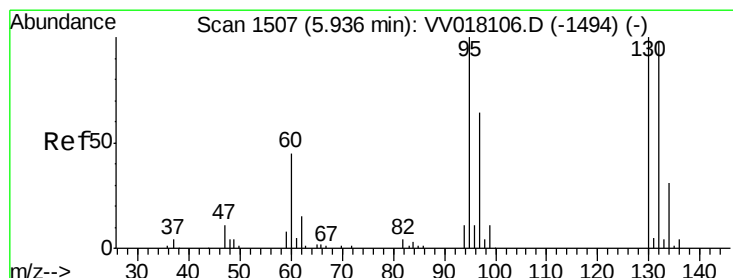
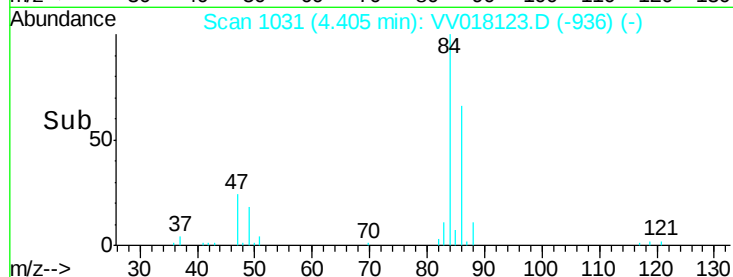
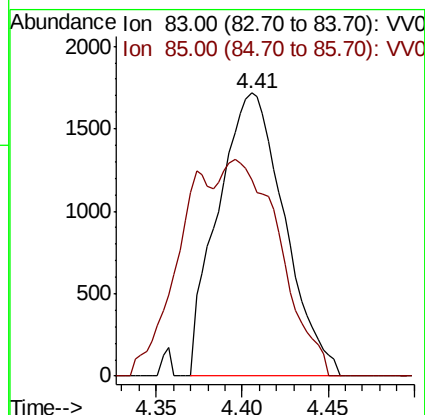
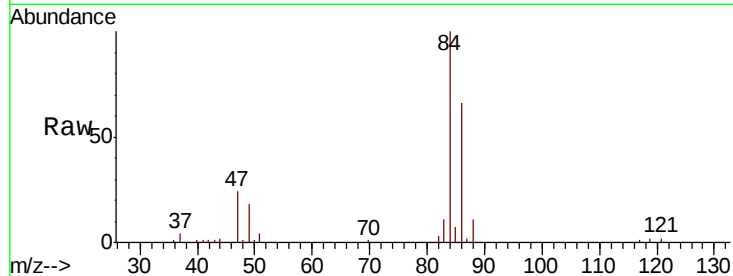




#25
Chloroform
Concen: 1.256 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018123.D
Acq: 27 Aug 2020 17:58

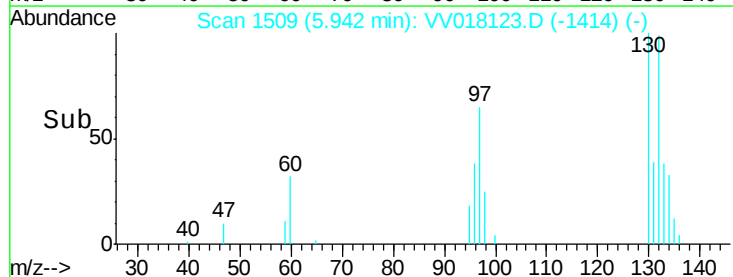
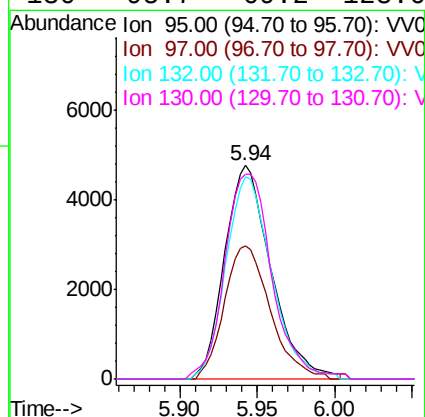
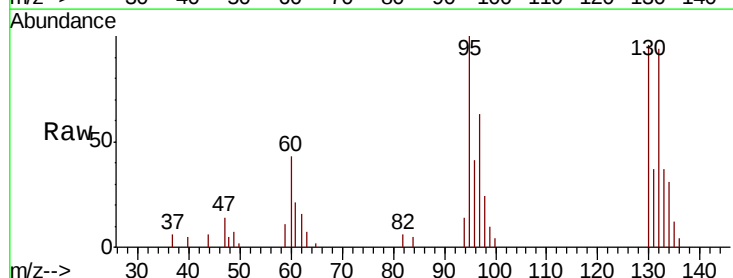
Instrument :
MSVOA_V
ClientSampleId :
BG3G6

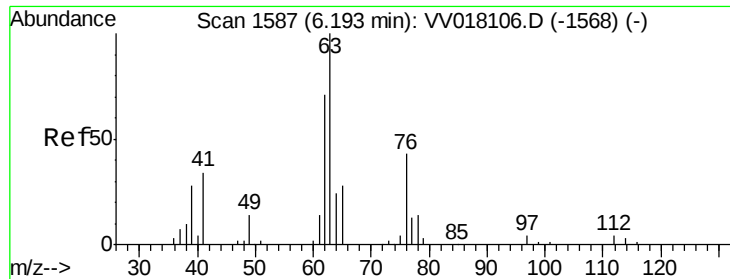
Tot Ion: 83 Resp: 4624
Ion Ratio Lower Upper
83 100
85 69.5 45.5 84.5



#34
Trichloroethene
Concen: 4.756 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV018123.D
Acq: 27 Aug 2020 17:58

Tgt Ion: 95 Resp: 9964
Ion Ratio Lower Upper
95 100
97 62.6 46.0 85.4
132 94.5 65.8 122.2
130 95.7 69.2 128.6

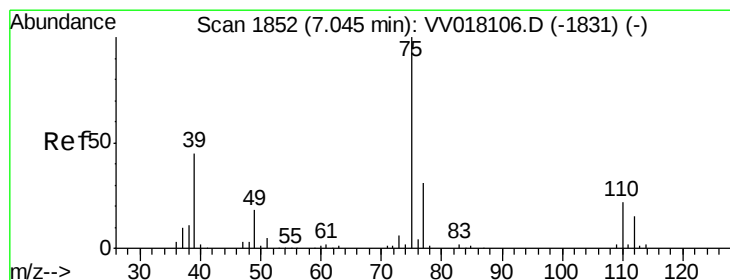
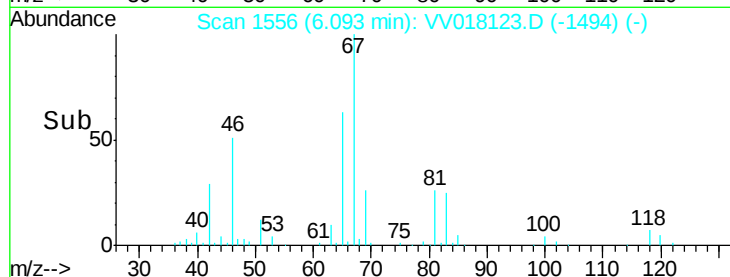
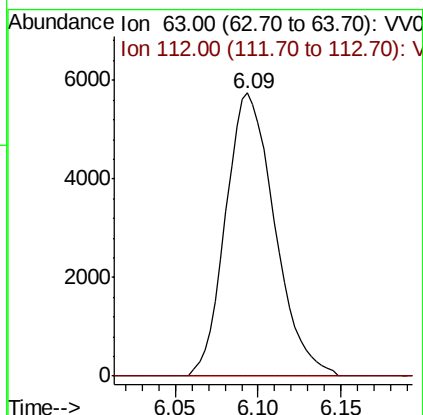
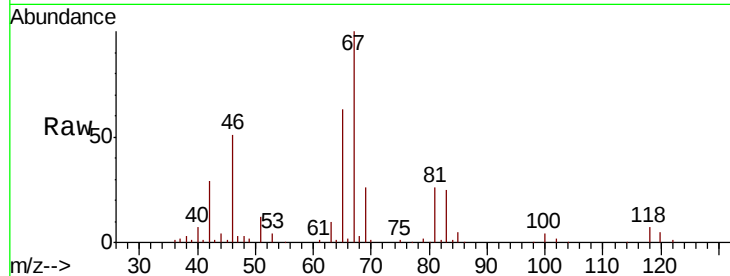




#37
 1,2-Dichloropropane
 Concen: 5.469 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018123.D
 Acq: 27 Aug 2020 17:58

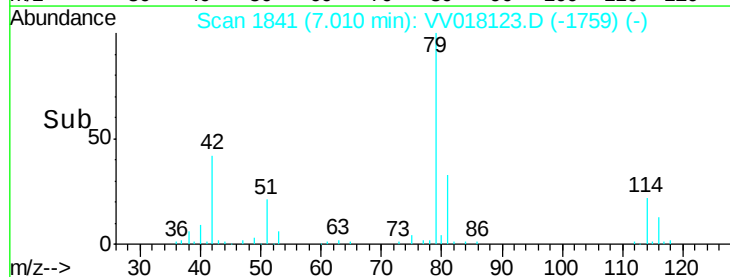
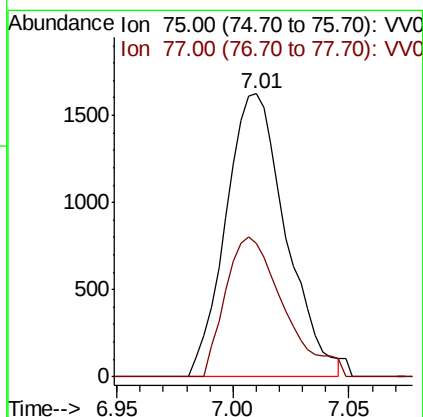
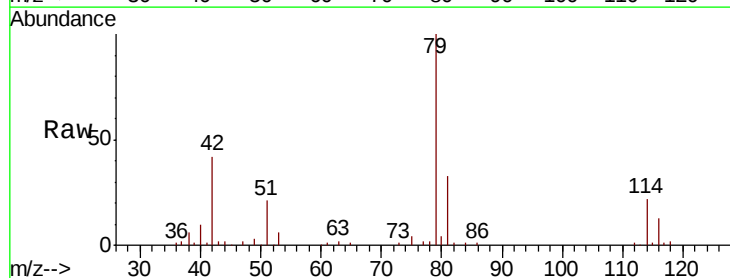
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G6

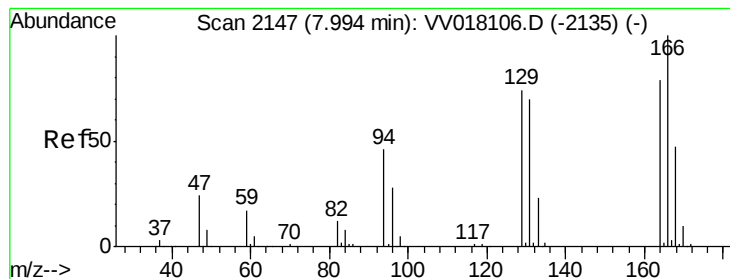
Tot Ion: 63 Resp: 11822
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.952 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018123.D
 Acq: 27 Aug 2020 17:58

Tgt Ion: 75 Resp: 2917
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.3 41.5#





#46

Tetrachloroethene

Concen: 14.759 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018123.D

Acq: 27 Aug 2020 17:58

Instrument :

MSVOA_V

ClientSampleId :

BG3G6

Tot Ion:164 Resp: 22678

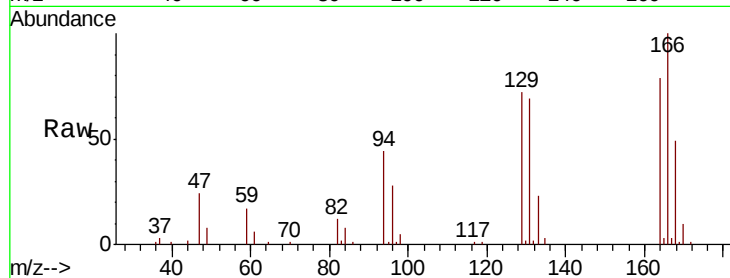
Ion Ratio Lower Upper

164 100

129 91.9 64.8 120.3

131 87.6 64.5 119.9

166 126.8 88.9 165.1

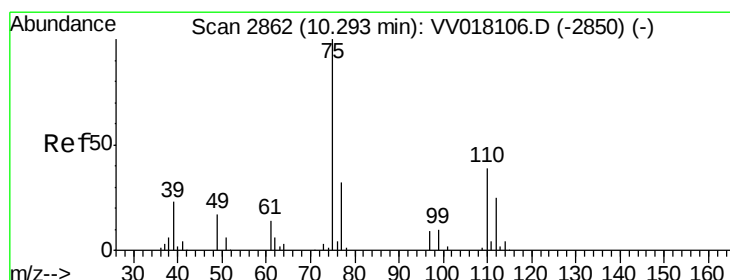
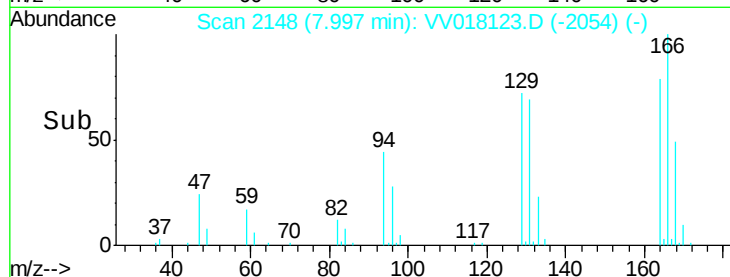
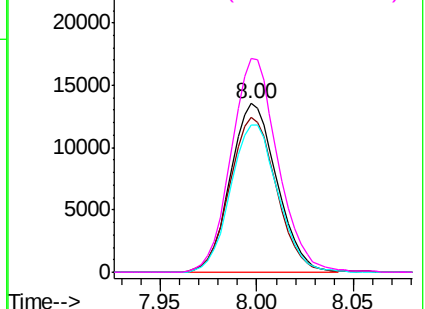


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.546 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018123.D

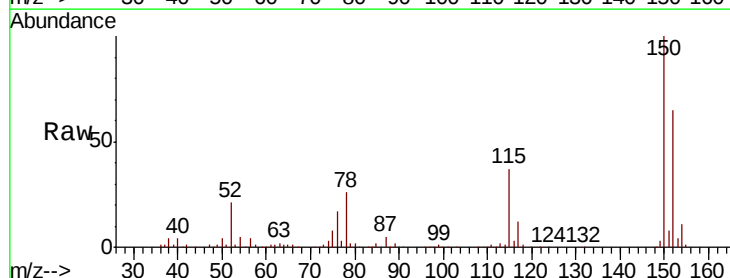
Acq: 27 Aug 2020 17:58

Tgt Ion: 75 Resp: 14807

Ion Ratio Lower Upper

75 100

77 36.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

