

Data File : VV012169.D
Acq On : 09 Aug 2019 23:38
Operator : SY/MD
Sample : K4248-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B13

Quant Time: Aug 10 05:11:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	269407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	243767	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	109814	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49926	50.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.74%
7) Chloroethane-d5	1.58	69	31810	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.66%
11) 1,1-Dichloroethene-d2	2.13	63	64534	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.88%
21) 2-Butanone-d5	3.93	46	30881	63.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.02%
24) Chloroform-d	4.40	84	91514	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.08	65	61239	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.72%
32) Benzene-d6	5.10	84	198289	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.94%
36) 1,2-Dichloropropane-d6	6.12	67	51850	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.86%
41) Toluene-d8	7.36	98	177835	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.66	79	25401	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
47) 2-Hexanone-d5	8.13	63	38557	98.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.03%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	69155	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	11.67	152	67175	51.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.52%

Target Compounds

						Qvalue
5) Vinyl chloride	1.32	62	354521	238.012	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	849	0.715	ug/L #	14
12) 1,1-Dichloroethene	2.13	96	800	0.732	ug/L #	1
13) Acetone	2.18	43	733	1.030	ug/L	80
17) trans-1,2-Dichloroethene	2.79	96	11577	7.260	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	183825	101.468	ug/L	96
25) Chloroform	4.42	83	6516	2.069	ug/L	95
27) 1,2-Dichloroethane	5.10	62	1267	0.512	ug/L #	73
34) Trichloroethene	5.96	95	4019	2.390	ug/L	92
35) Methylcyclohexane	6.12	83	14177	5.413	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	6625	4.470	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1582	0.619	ug/L	88
46) Tetrachloroethene	8.02	164	3375	2.099	ug/L	95
49) Dibromochloromethane	8.02	129	2793	1.345	ug/L #	11
59) 1,2,3-Trichloropropane	11.29	75	9302	4.651	ug/L #	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081019\
Quantitation Report (Not Reviewed)

Data File : VV012169.D
Acq On : 09 Aug 2019 23:38
Operator : SY/MD
Sample : K4248-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B13

Quant Time: Aug 10 05:11:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

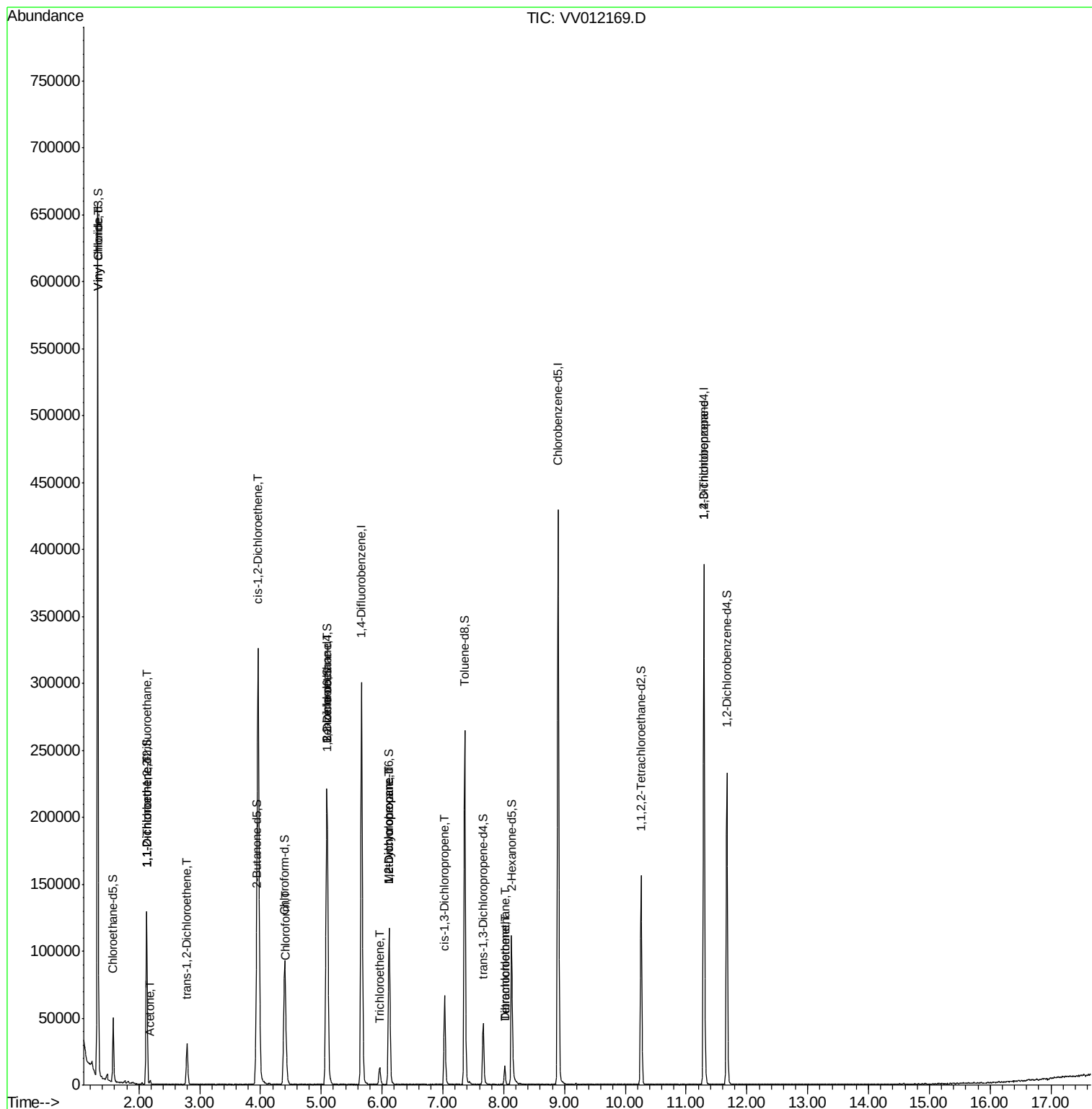
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

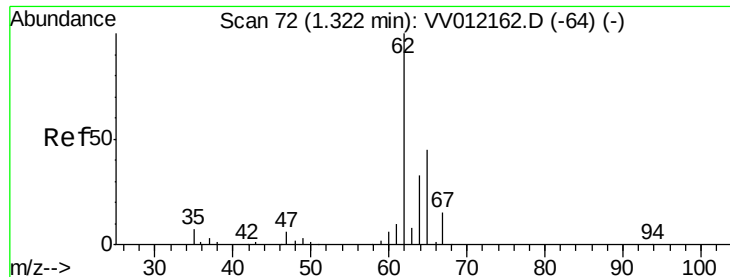
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VV012169.D
Acq On : 09 Aug 2019 23:38
Operator : SY/MD
Sample : K4248-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B13

Quant Time: Aug 10 05:11:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 238.012 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012169.D

Acq: 09 Aug 2019 23:38

Instrument :

MSVOA_V

ClientSampleId :

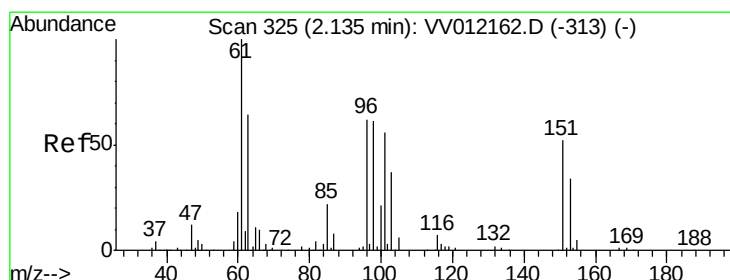
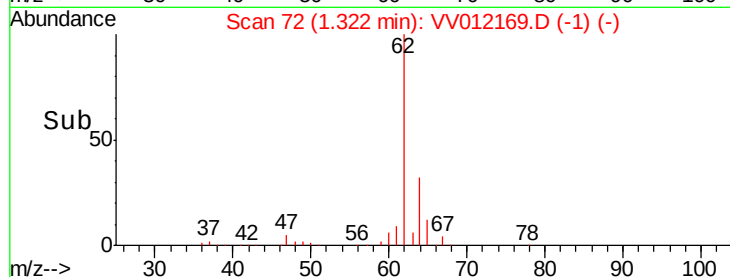
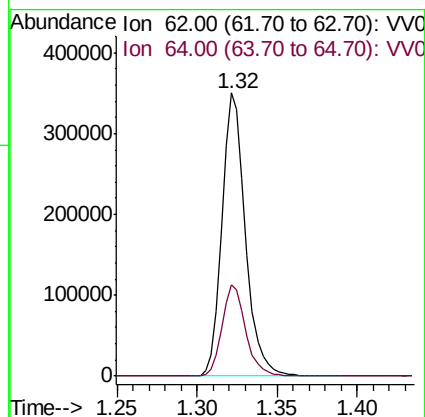
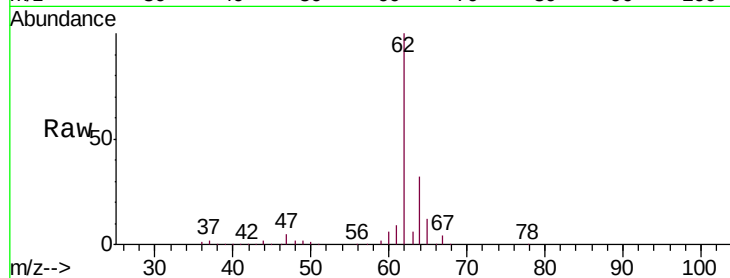
F2B13

Tgt Ion: 62 Resp: 354521

Ion Ratio Lower Upper

62 100

64 32.2 23.7 44.1



#10

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

Concen: 0.715 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012169.D

Acq: 09 Aug 2019 23:38

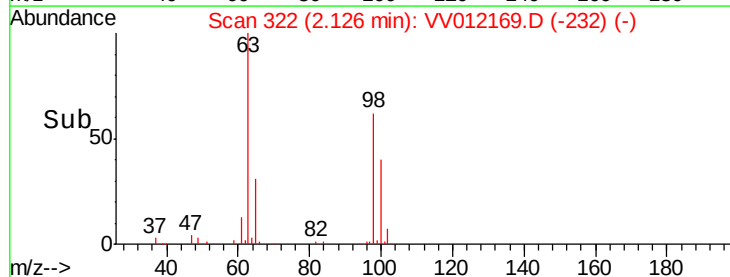
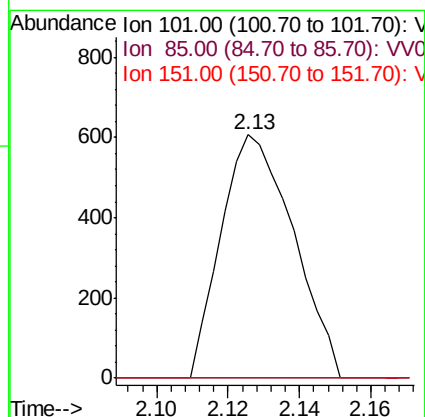
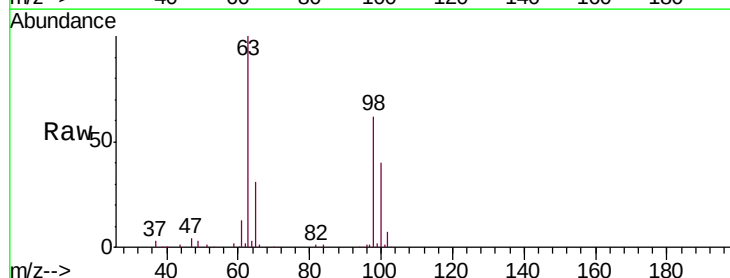
Tgt Ion: 101 Resp: 849

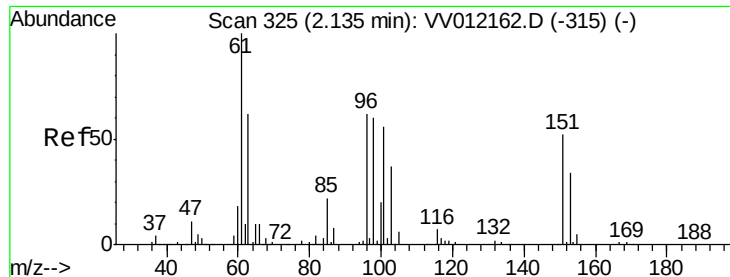
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 71.8 107.8#

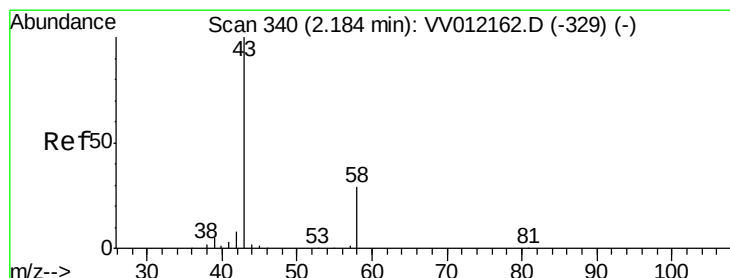
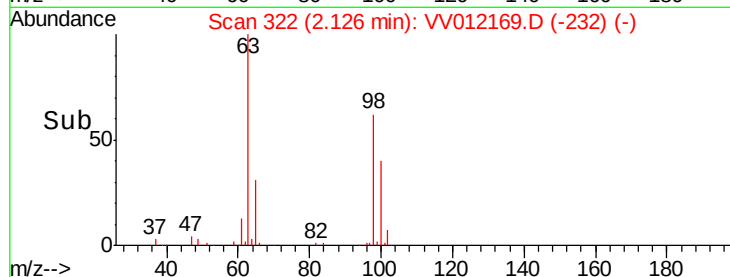
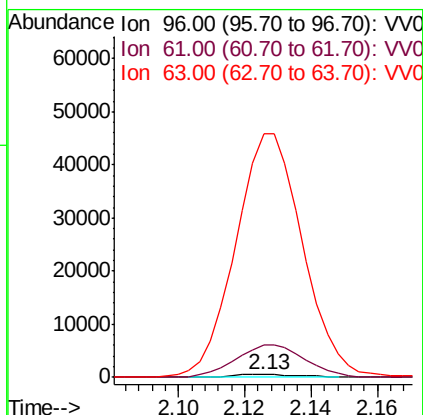
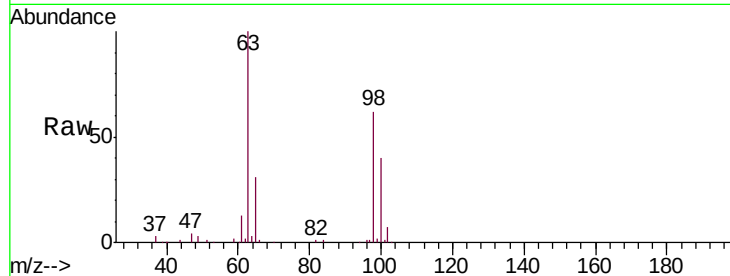




#12
 1,1-Dichloroethene
 Concen: 0.732 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV012169.D
 Acq: 09 Aug 2019 23:38

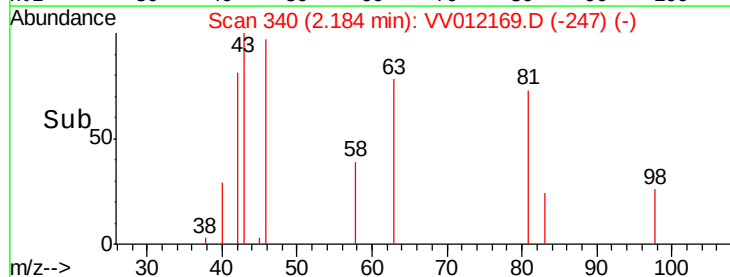
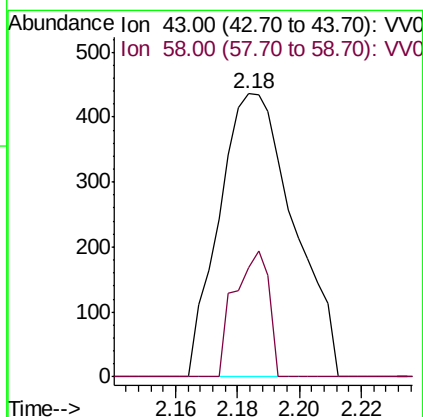
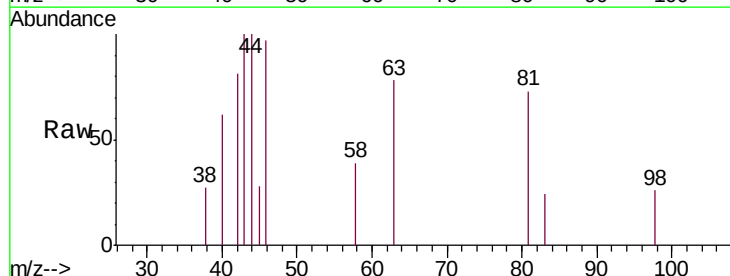
Instrument :
 MSVOA_V
 ClientSampled :
 F2B13

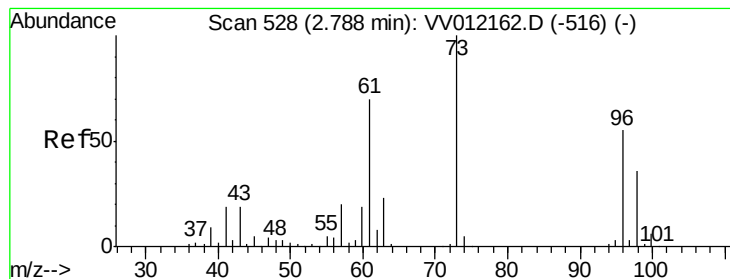
Tgt Ion: 96 Resp: 800
 Ion Ratio Lower Upper
 96 100
 61 1141.9 115.1 213.8#
 63 8731.4 83.9 155.7#



#13
 Acetone
 Concen: 1.030 ug/L
 RT: 2.18 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: VV012169.D
 Acq: 09 Aug 2019 23:38

Tgt Ion: 43 Resp: 733
 Ion Ratio Lower Upper
 43 100
 58 20.6 0.0 63.4





#17

trans-1,2-Dichloroethene

Concen: 7.260 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV012169.D

Acq: 09 Aug 2019 23:38

Instrument :

MSVOA_V

ClientSampleId :

F2B13

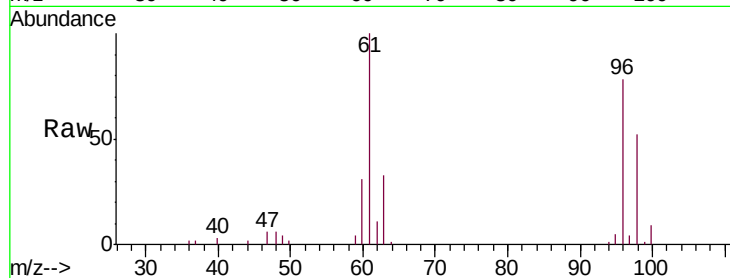
Tgt Ion: 96 Resp: 11577

Ion Ratio Lower Upper

96 100

61 128.1 89.3 165.9

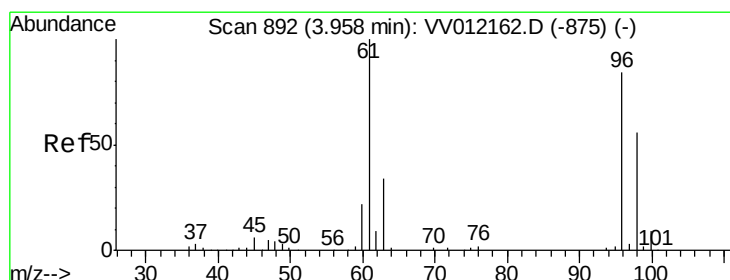
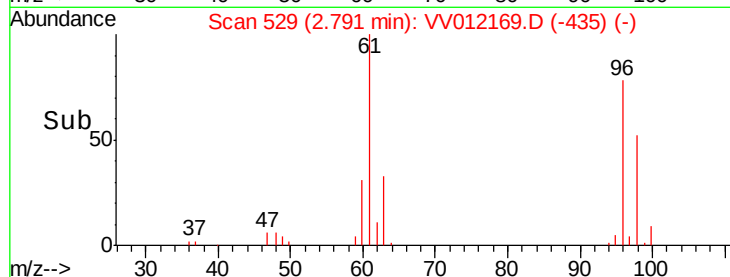
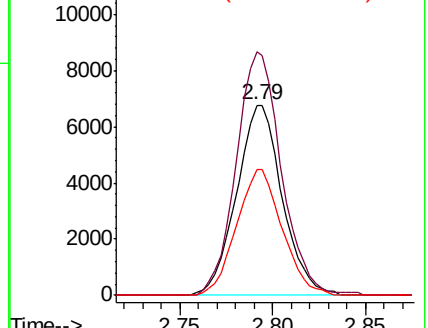
98 66.2 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 101.468 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV012169.D

Acq: 09 Aug 2019 23:38

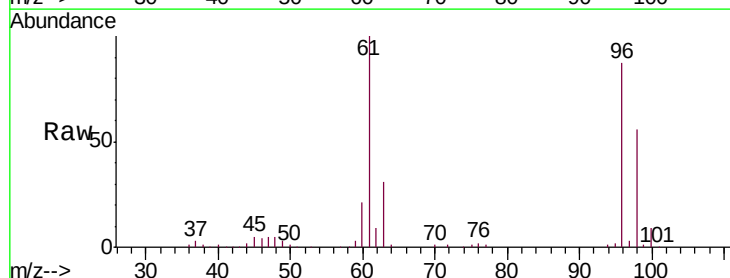
Tgt Ion: 96 Resp: 183825

Ion Ratio Lower Upper

96 100

61 114.5 82.9 153.9

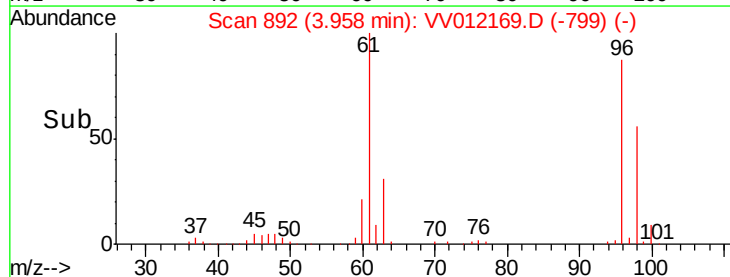
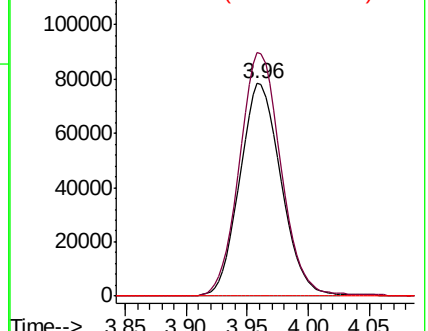
68 0.0 0.0 0.0

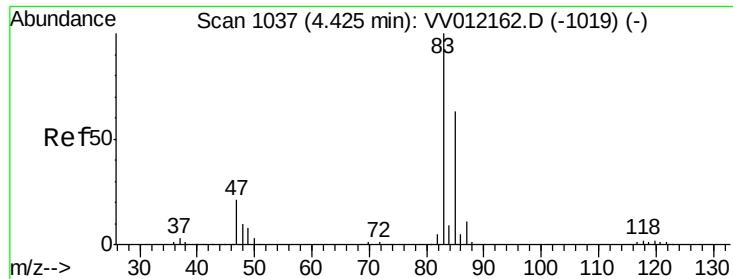


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

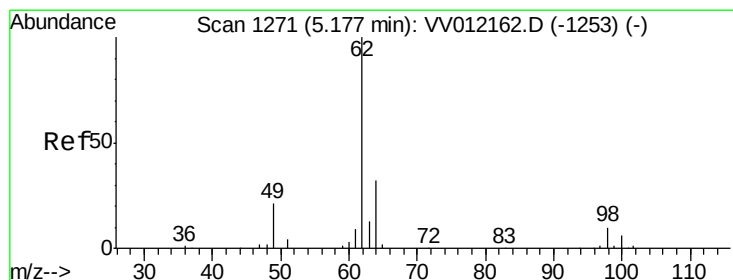
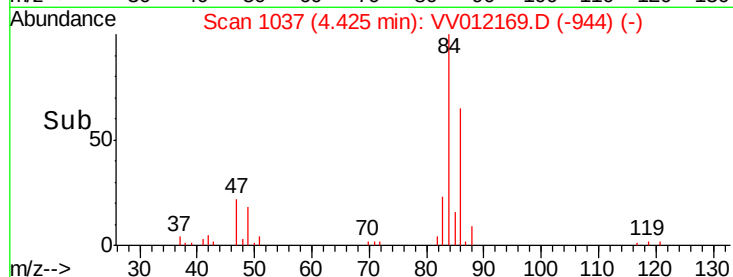
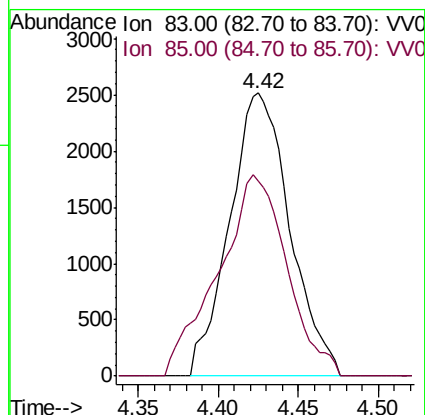
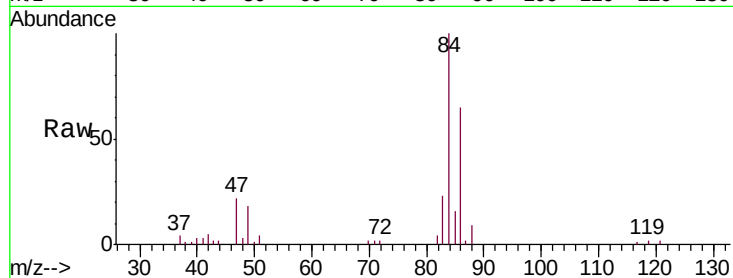




#25
Chloroform
Concen: 2.069 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012169.D
Acq: 09 Aug 2019 23:38

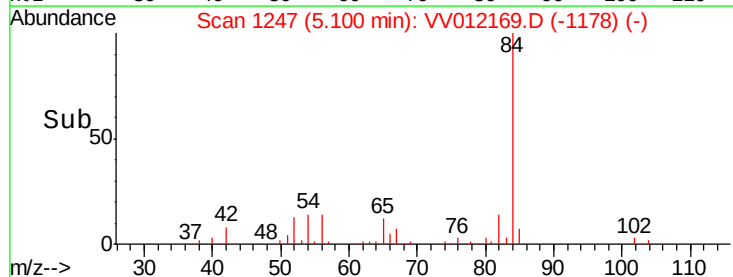
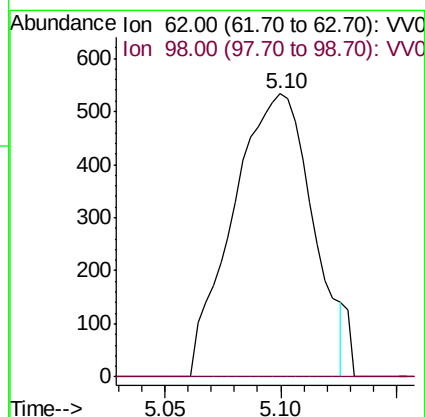
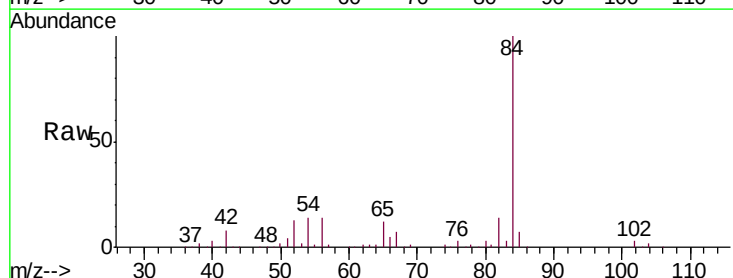
Instrument :
MSVOA_V
ClientSampleId :
F2B13

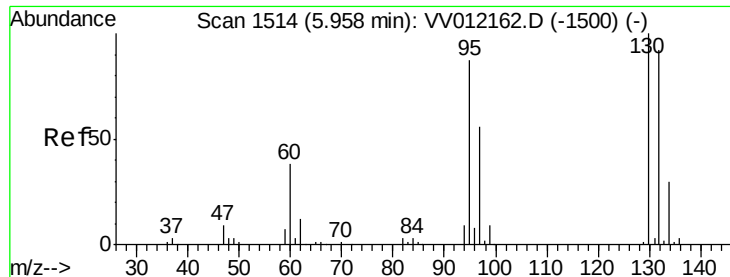
Tgt Ion: 83 Resp: 6516
Ion Ratio Lower Upper
83 100
85 69.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.512 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV012169.D
Acq: 09 Aug 2019 23:38

Tgt Ion: 62 Resp: 1267
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#





#34

Trichloroethene

Concen: 2.390 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012169.D

Acq: 09 Aug 2019 23:38

Instrument :

MSVOA_V

ClientSampleId :

F2B13

Tgt Ion: 95 Resp: 4019

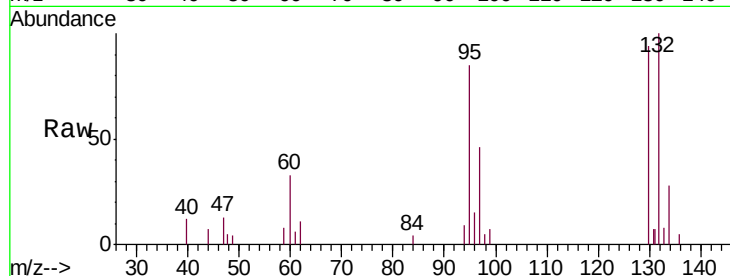
Ion Ratio Lower Upper

95 100

97 54.0 44.7 83.1

132 117.2 72.7 134.9

130 109.9 75.9 141.1

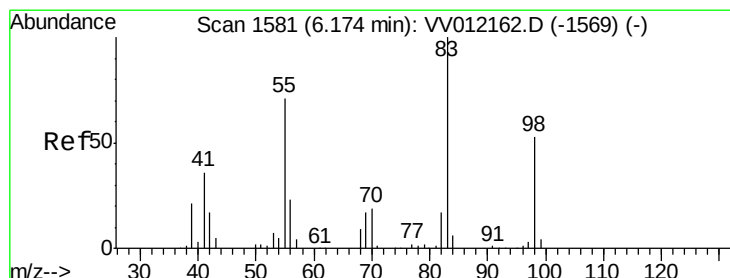
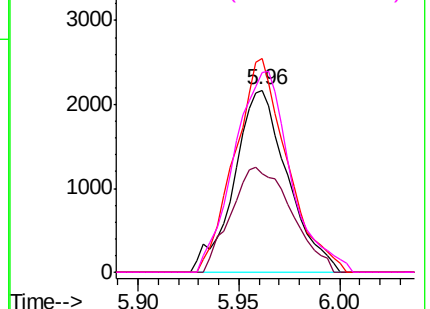
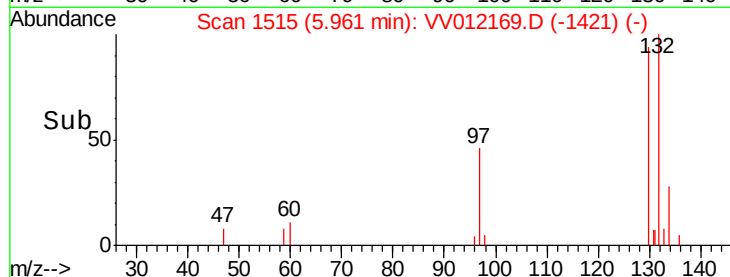


Abundance Ion 95.00 (94.70 to 95.70): VV012162.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV012162.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV012162.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV012162.D (-1500) (-)



#35

Methylcyclohexane

Concen: 5.413 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012169.D

Acq: 09 Aug 2019 23:38

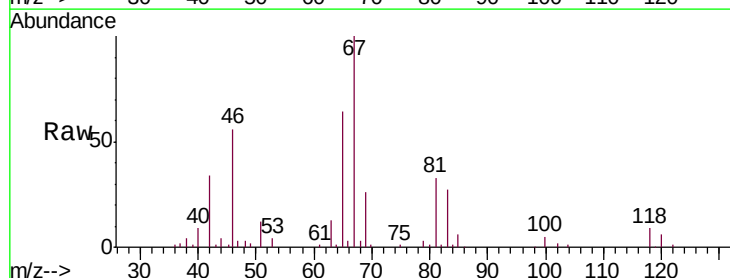
Tgt Ion: 83 Resp: 14177

Ion Ratio Lower Upper

83 100

55 0.0 54.9 82.3#

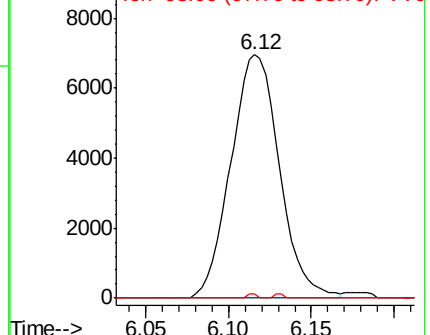
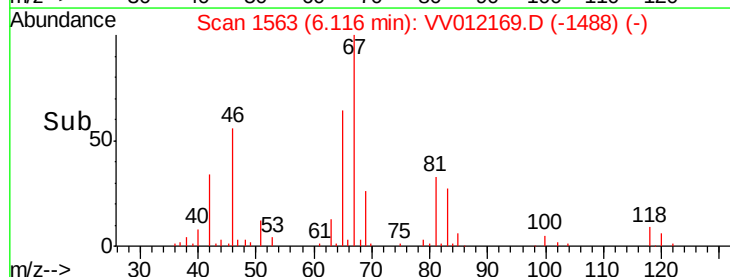
98 0.3 40.7 61.1#

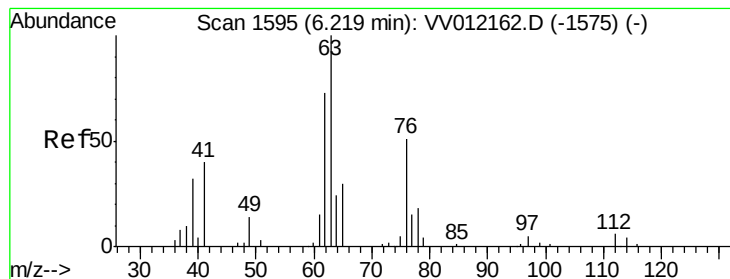


Abundance Ion 83.00 (82.70 to 83.70): VV012162.D (-1569) (-)

Ion 55.00 (54.70 to 55.70): VV012162.D (-1569) (-)

Ion 98.00 (97.70 to 98.70): VV012162.D (-1569) (-)





#37

1,2-Dichloropropane

Concen: 4.470 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012169.D

Acq: 09 Aug 2019 23:38

Instrument :

MSVOA_V

ClientSampleId :

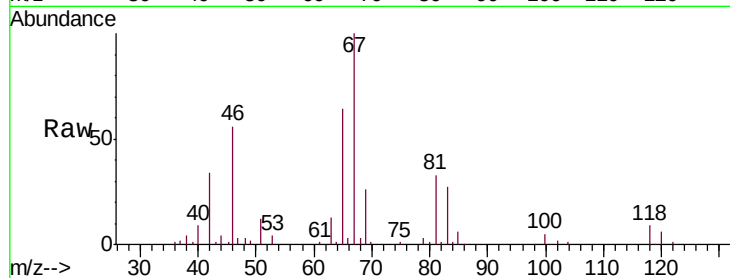
F2B13

Tgt Ion: 63 Resp: 6625

Ion Ratio Lower Upper

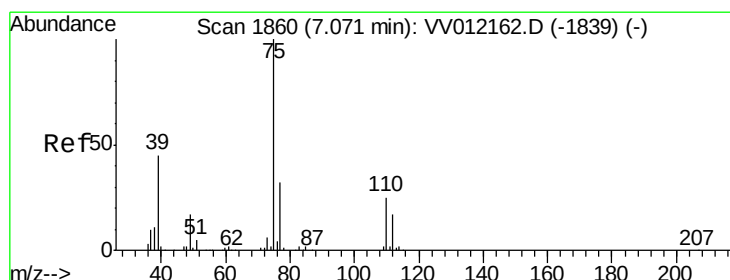
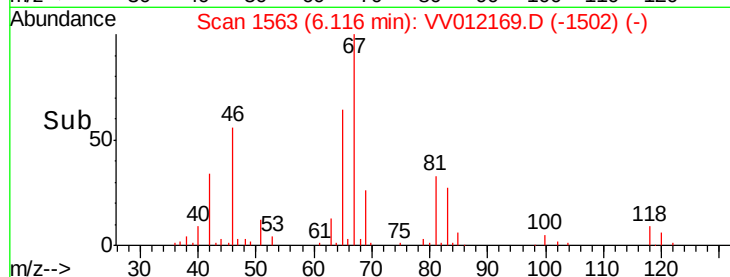
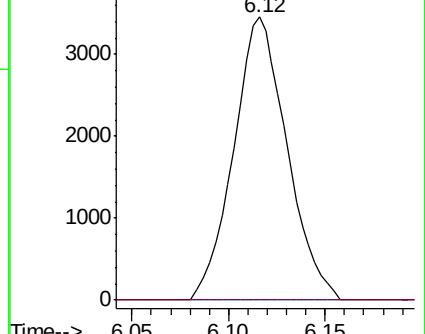
63 100

112 0.0 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.619 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012169.D

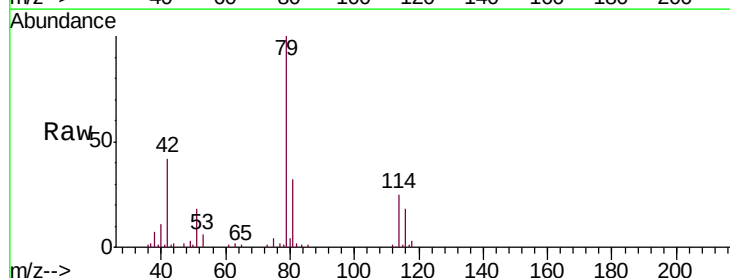
Acq: 09 Aug 2019 23:38

Tgt Ion: 75 Resp: 1582

Ion Ratio Lower Upper

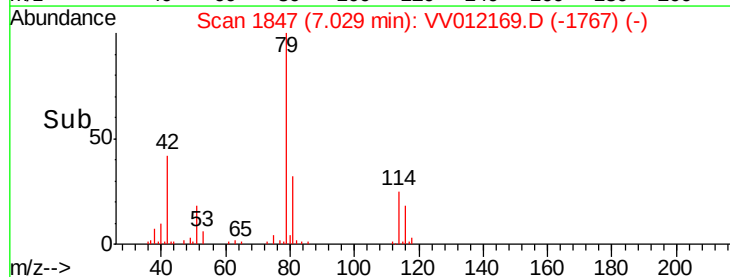
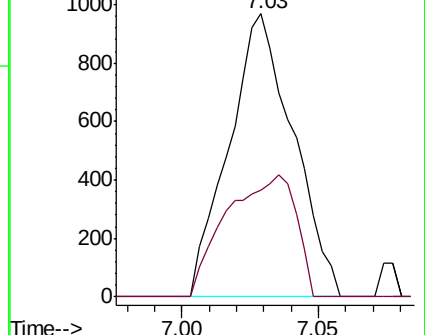
75 100

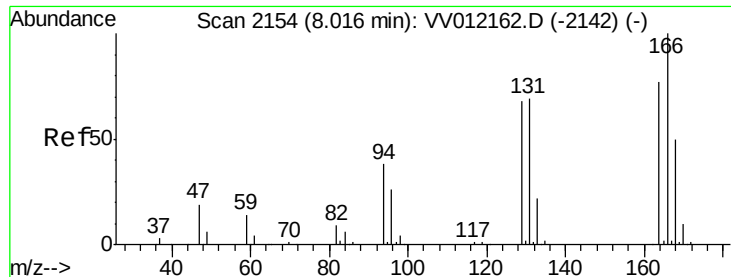
77 37.6 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

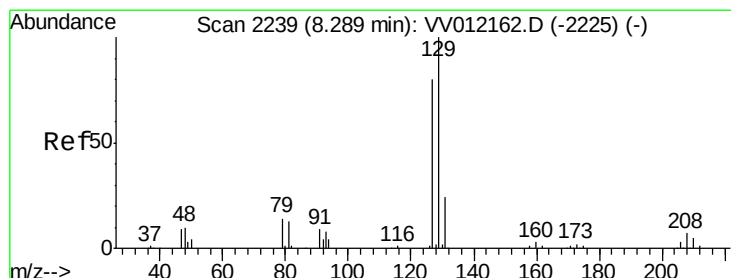
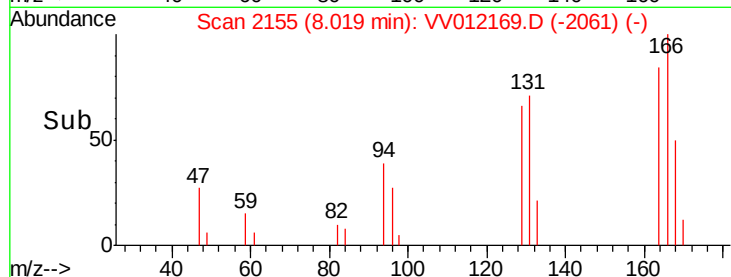
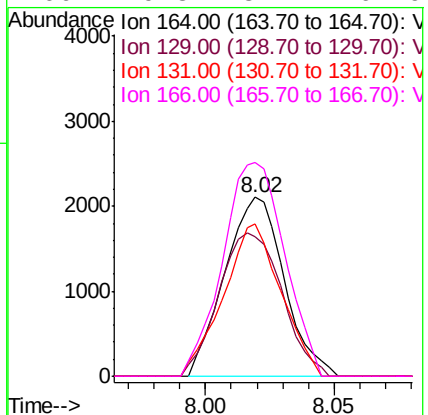
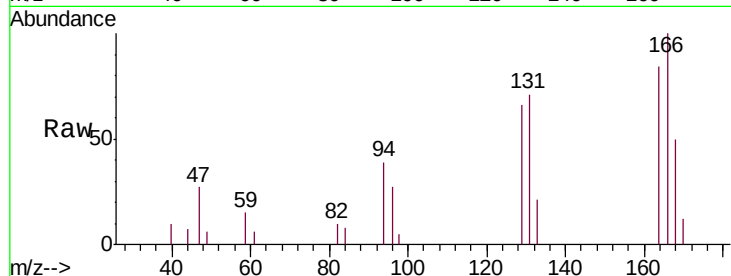




#46
Tetrachloroethene
Concen: 2.099 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012169.D
Acq: 09 Aug 2019 23:38

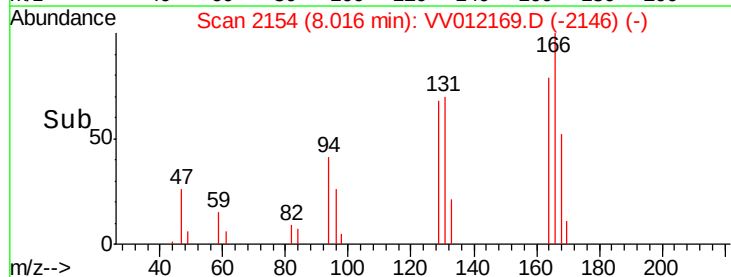
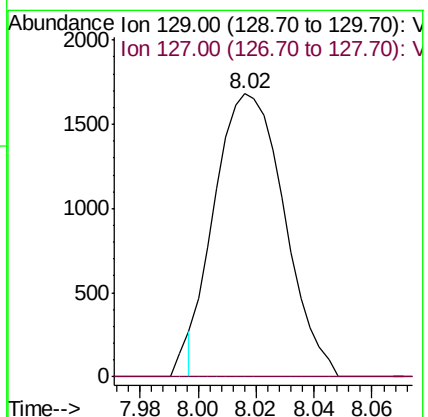
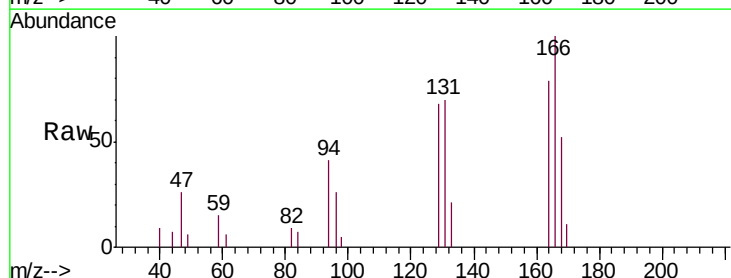
Instrument :
MSVOA_V
ClientSampleId :
F2B13

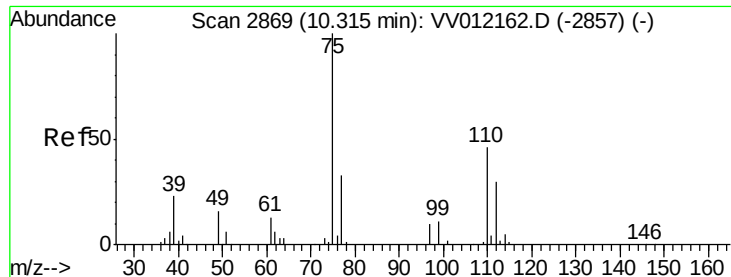
Tgt Ion:164 Resp: 3375
Ion Ratio Lower Upper
164 100
129 78.3 60.6 112.6
131 85.3 59.5 110.5
166 119.3 87.2 161.9



#49
Dibromochloromethane
Concen: 1.345 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012169.D
Acq: 09 Aug 2019 23:38

Tgt Ion:129 Resp: 2793
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#





#59
 1,2,3-Trichloropropane
 Concen: 4.651 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012169.D
 Acq: 09 Aug 2019 23:38

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B13

Tgt Ion: 75 Resp: 9302
 Ion Ratio Lower Upper
 75 100
 77 40.4 26.3 39.5#

