

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017819.D
 Acq On : 06 Aug 2020 17:56
 Operator : SY/MD
 Sample : L3590-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L13

Quant Time: Aug 07 05:31:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	232901	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	224971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126818	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40208	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.80%
7) Chloroethane-d5	1.58	69	40082	41.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.66%
11) 1,1-Dichloroethene-d2	2.12	63	84368	30.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.82%
21) 2-Butanone-d5	3.90	46	76439	89.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.51%
24) Chloroform-d	4.38	84	136957	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
26) 1,2-Dichloroethane-d4	5.06	65	107750	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.07	84	227578	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
36) 1,2-Dichloropropane-d6	6.09	67	62275	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.74%
41) Toluene-d8	7.34	98	227926	43.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.34%
43) trans-1,3-Dichloropropene-	7.64	79	33269	34.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.50%
47) 2-Hexanone-d5	8.11	63	54668	86.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	95351	42.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	119840	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

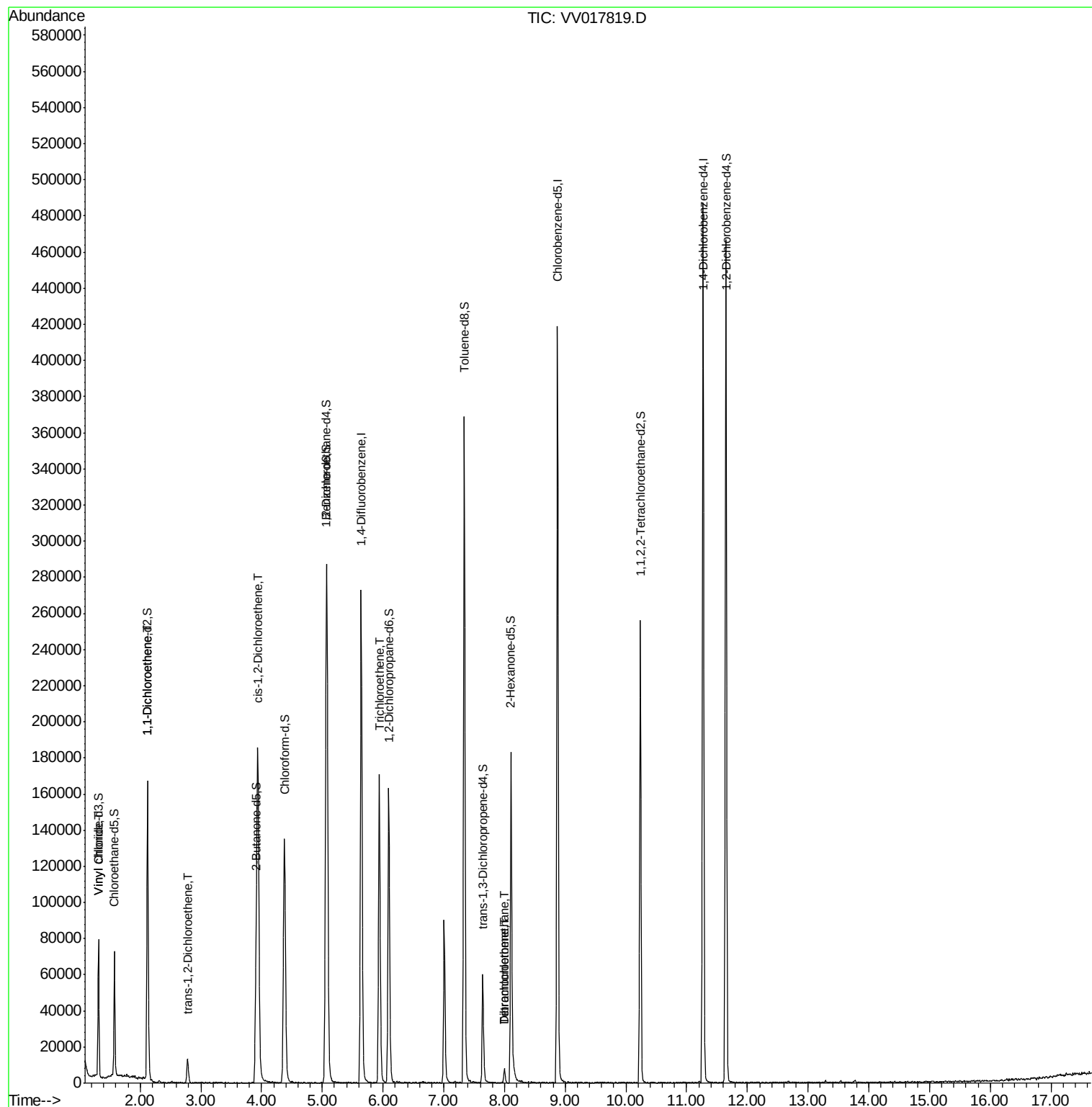
					Ovalue
5) Vinyl chloride	1.32	62	1462	0.885 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	1996	1.424 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	4906	3.104 ug/L	90
20) cis-1,2-Dichloroethene	3.94	96	98724	58.478 ug/L	94
34) Trichloroethene	5.94	95	54291	31.306 ug/L	95
46) Tetrachloroethene	8.00	164	1816	1.182 ug/L	75
49) Dibromochloromethane	8.00	129	1637	0.786 ug/L #	12

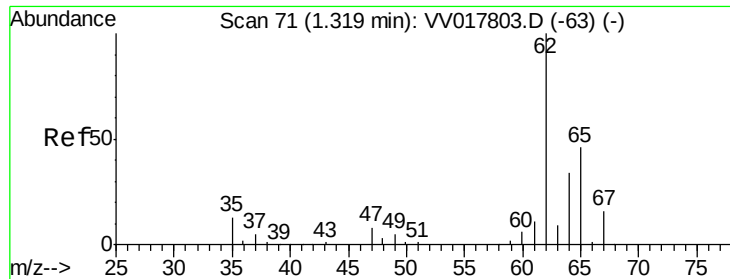
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV080620\
Data File : VV017819.D
Acq On : 06 Aug 2020 17:56
Operator : SY/MD
Sample : L3590-14
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4L13

Quant Time: Aug 07 05:31:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 07 05:27:52 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.885 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017819.D

Acq: 06 Aug 2020 17:56

Instrument :

MSVOA_V

ClientSampled :

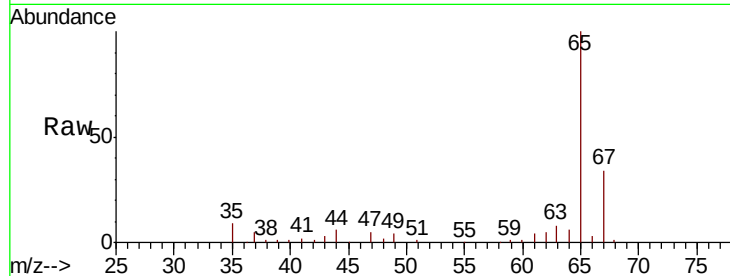
F4L13

Tot Ion: 62 Resp: 1462

Ion Ratio Lower Upper

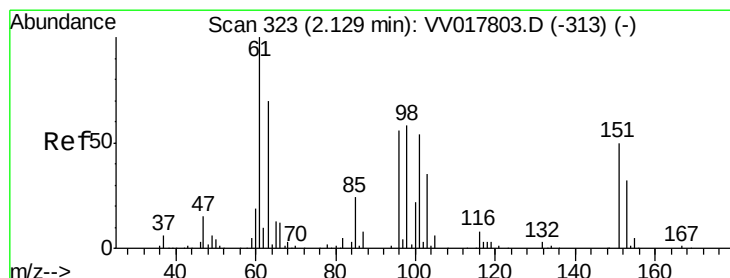
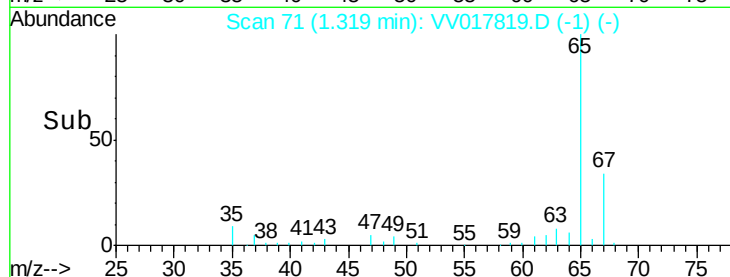
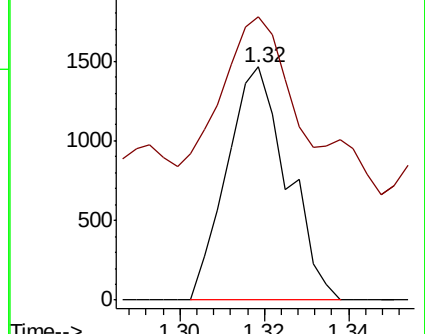
62 100

64 121.3 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 1.424 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017819.D

Acq: 06 Aug 2020 17:56

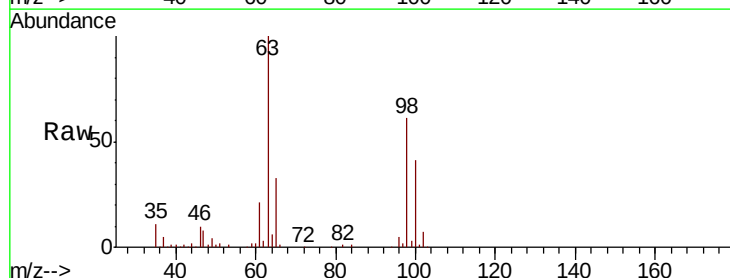
Tgt Ion: 96 Resp: 1996

Ion Ratio Lower Upper

96 100

61 447.1 131.0 243.2#

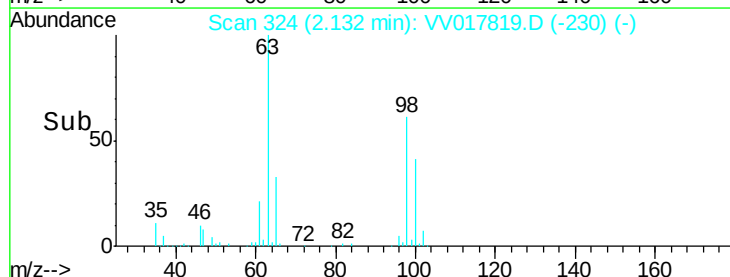
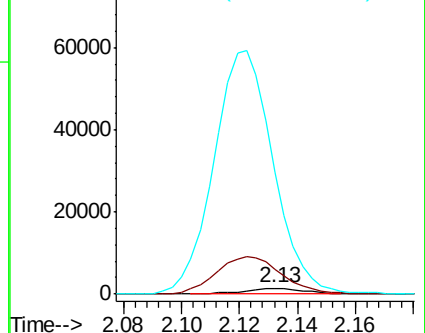
63 2167.3 88.5 164.3#

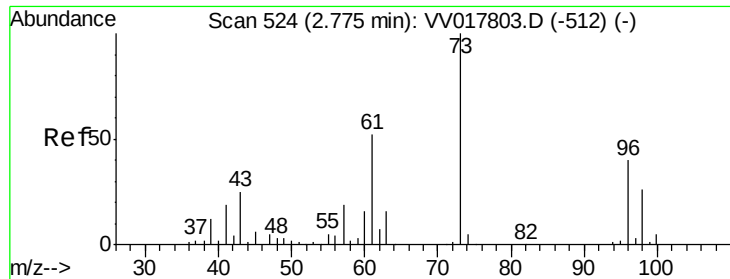


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 3.104 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV017819.D

Acq: 06 Aug 2020 17:56

Instrument :

MSVOA_V

ClientSampled :

F4L13

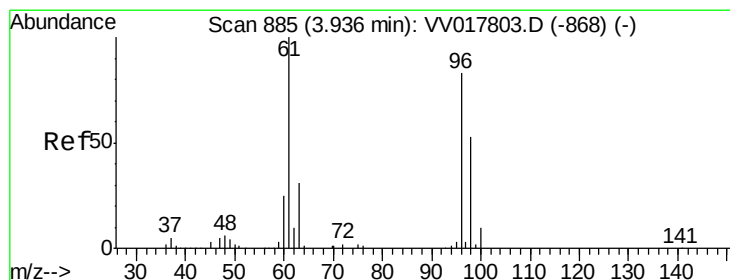
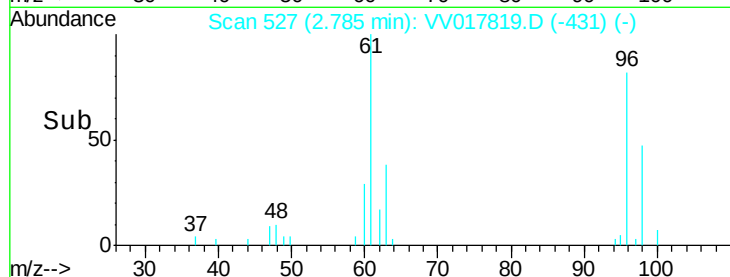
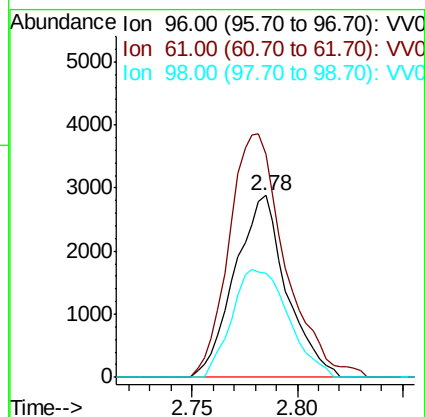
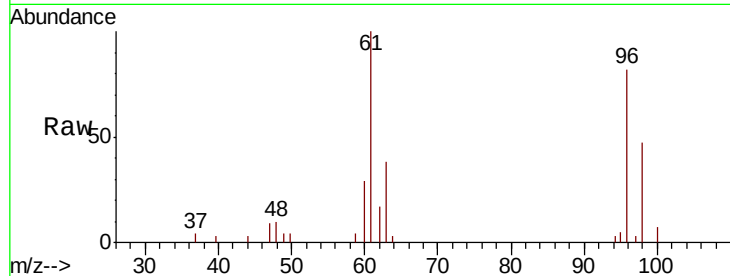
Tot Ion: 96 Resp: 4906

Ion Ratio Lower Upper

96 100

61 122.4 96.2 178.8

98 57.3 43.2 80.2



#20

cis-1,2-Dichloroethene

Concen: 58.478 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017819.D

Acq: 06 Aug 2020 17:56

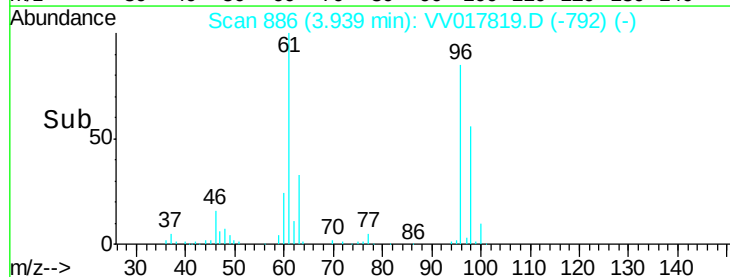
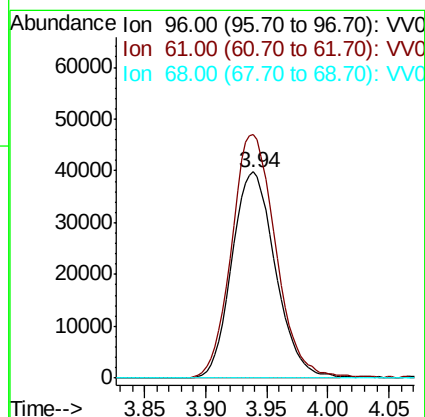
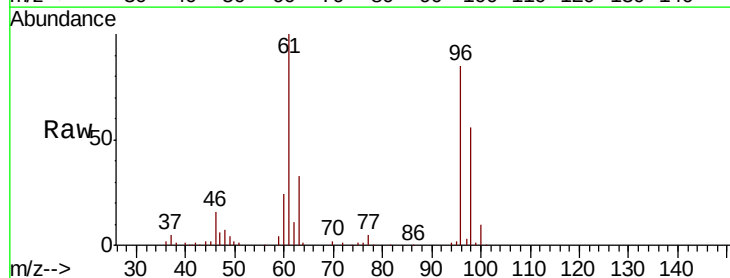
Tgt Ion: 96 Resp: 98724

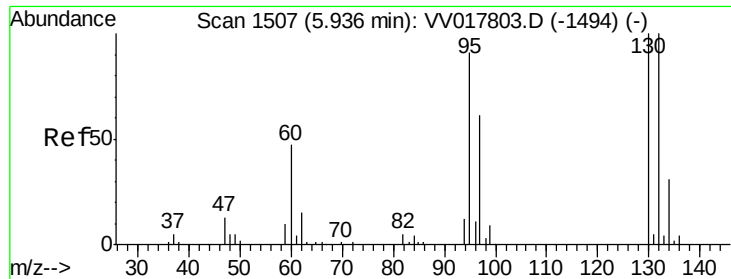
Ion Ratio Lower Upper

96 100

61 118.1 87.3 162.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 31.306 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV017819.D

Acq: 06 Aug 2020 17:56

Instrument :

MSVOA_V

ClientSampleId :

F4L13

Tot Ion: 95 Resp: 54291

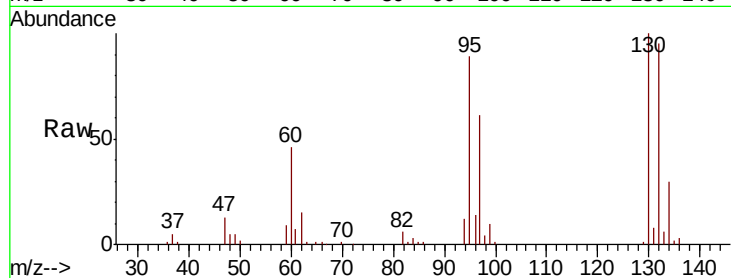
Ion Ratio Lower Upper

95 100

97 69.1 45.3 84.1

132 106.4 71.4 132.6

130 112.5 75.3 139.9

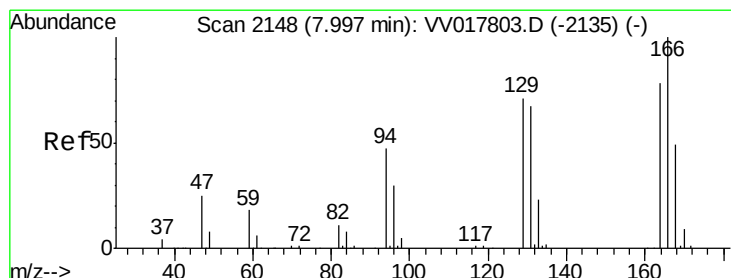
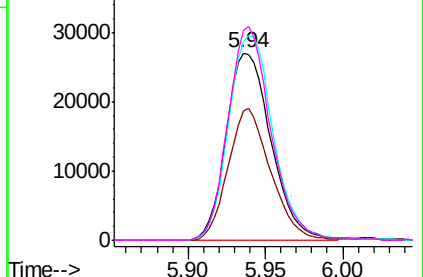
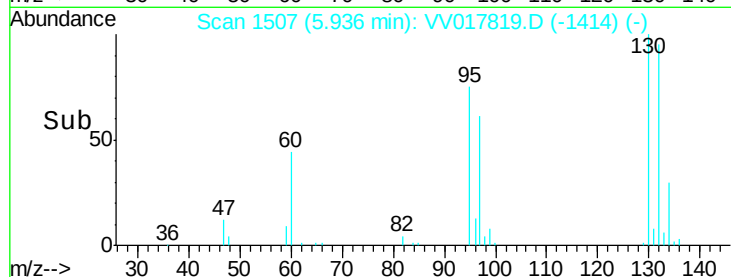


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 1.182 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017819.D

Acq: 06 Aug 2020 17:56

Tgt Ion: 164 Resp: 1816

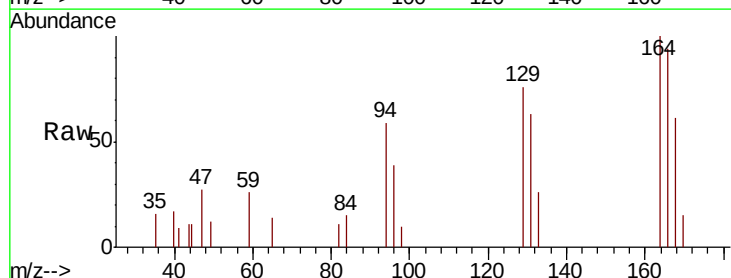
Ion Ratio Lower Upper

164 100

129 76.1 63.9 118.7

131 63.1 62.6 116.3

166 93.5 88.3 164.1

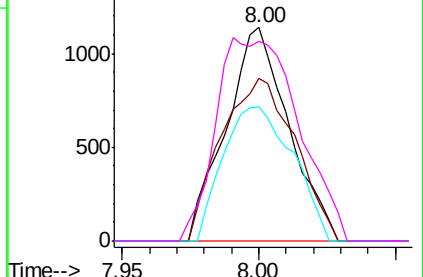
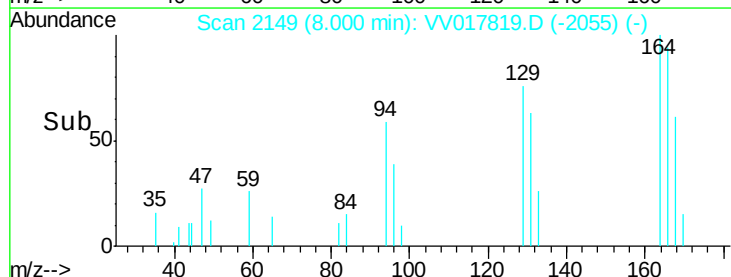


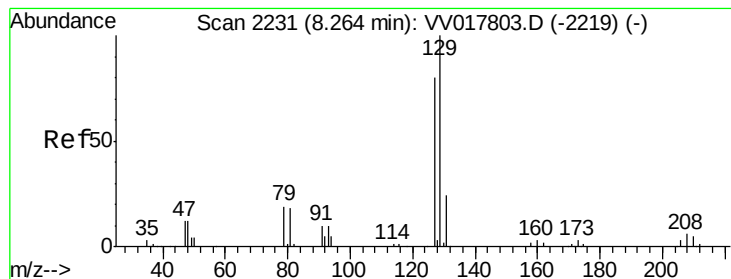
Abundance Ion 164.00 (163.70 to 164.70): V

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





#49

Dibromochloromethane

Concen: 0.786 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.26 min

Lab File: VV017819.D

Acq: 06 Aug 2020 17:56

Instrument :

MSVOA_V

ClientSampleId :

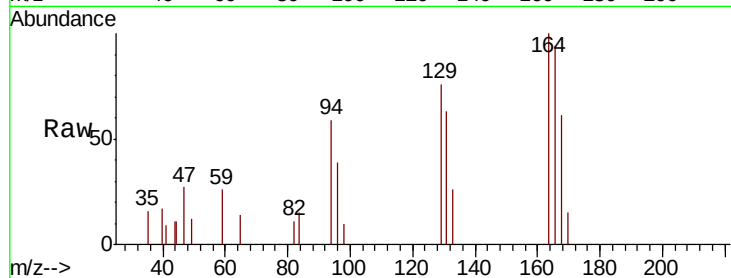
F4L13

Tot Ion:129 Resp: 1637

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

