

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017928.D
 Acq On : 12 Aug 2020 15:13
 Operator : SY/MD
 Sample : L3644-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L64

Quant Time: Aug 13 04:38:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	252206	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	242368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	89438	46.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.96%
7) Chloroethane-d5	1.58	69	75636	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.08%
11) 1,1-Dichloroethene-d2	2.12	63	128874	35.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.02%
21) 2-Butanone-d5	3.91	46	127887	101.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.47%
24) Chloroform-d	4.38	84	164963	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
26) 1,2-Dichloroethane-d4	5.06	65	114768	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
32) Benzene-d6	5.07	84	332510	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
36) 1,2-Dichloropropane-d6	6.09	67	108253	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.14%
41) Toluene-d8	7.34	98	290126	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.64	79	46424	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.74%
47) 2-Hexanone-d5	8.11	63	65842	93.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136473	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	111219	53.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.12%

Target Compounds

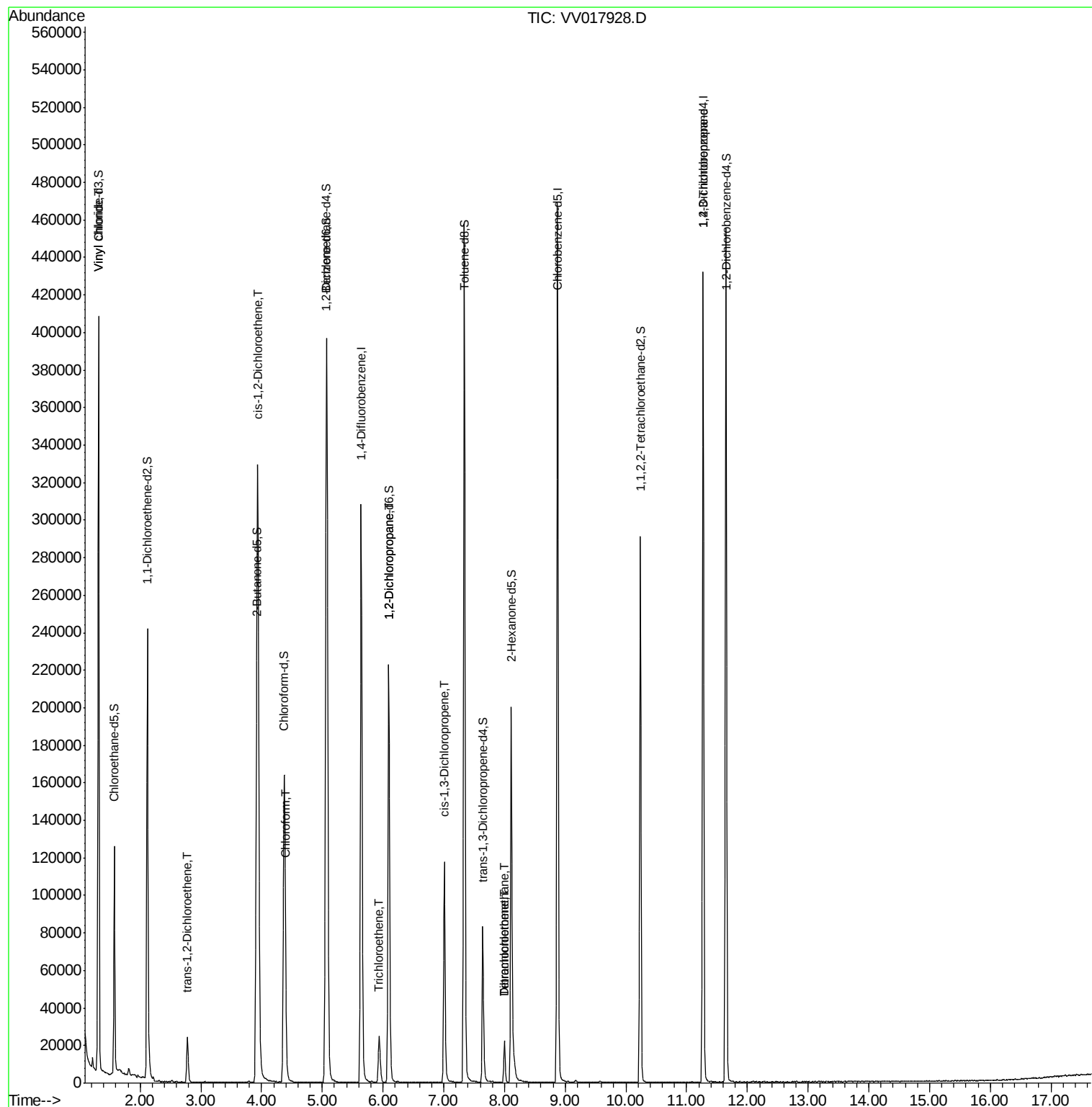
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	168218	75.064	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	9085	5.224	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	164359	86.004	ug/L	99
25) Chloroform	4.40	83	2541	0.712	ug/L	77
34) Trichloroethene	5.94	95	6390	3.224	ug/L	92
37) 1,2-Dichloropropane	6.10	63	11891	5.815	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2959	1.021	ug/L #	69
46) Tetrachloroethene	8.00	164	5011	3.447	ug/L	94
49) Dibromochloromethane	8.00	129	4948	2.677	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	13033	5.161	ug/L #	88

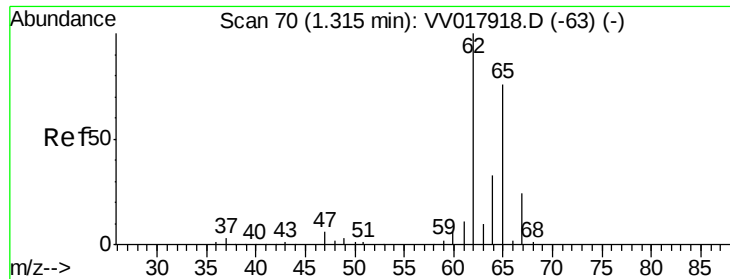
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017928.D
Acq On : 12 Aug 2020 15:13
Operator : SY/MD
Sample : L3644-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2L64

Quant Time: Aug 13 04:38:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 13 04:34:59 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 75.064 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017928.D

Acq: 12 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampled :

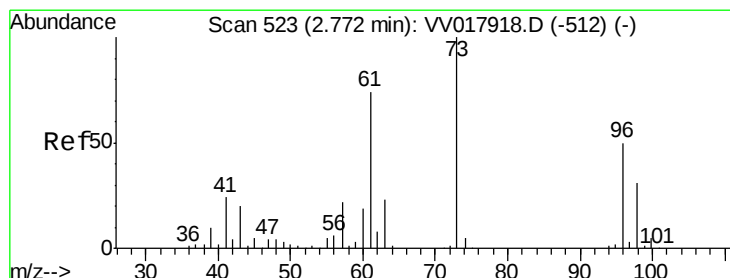
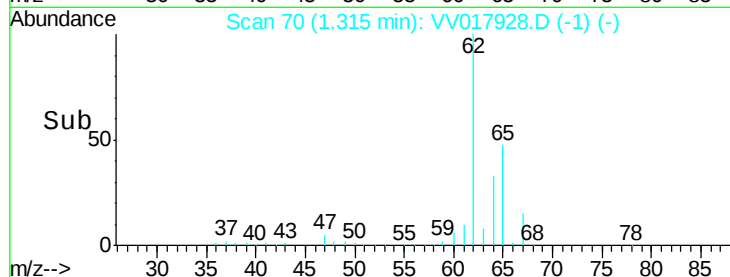
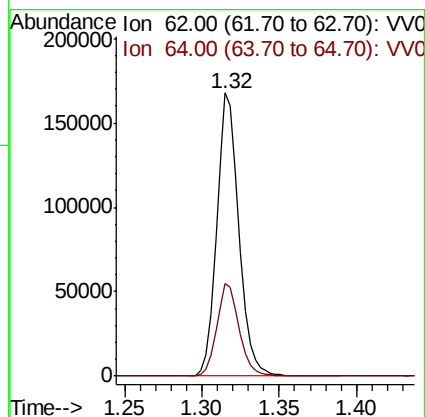
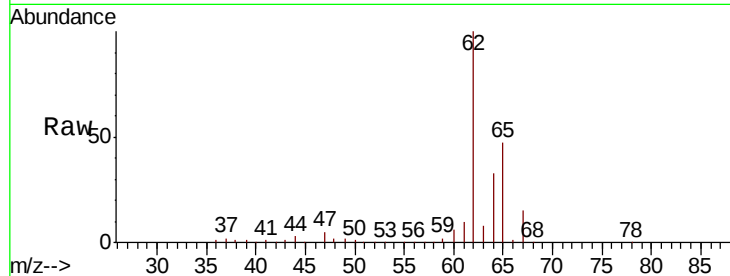
F2L64

Tot Ion: 62 Resp: 168218

Ion Ratio Lower Upper

62 100

64 32.7 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 5.224 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.01 min

Lab File: VV017928.D

Acq: 12 Aug 2020 15:13

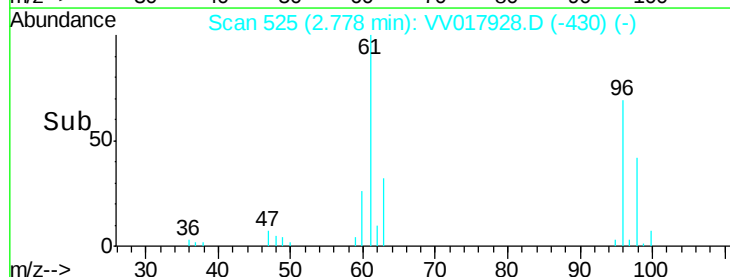
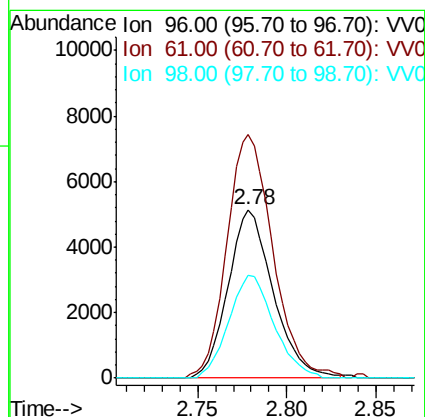
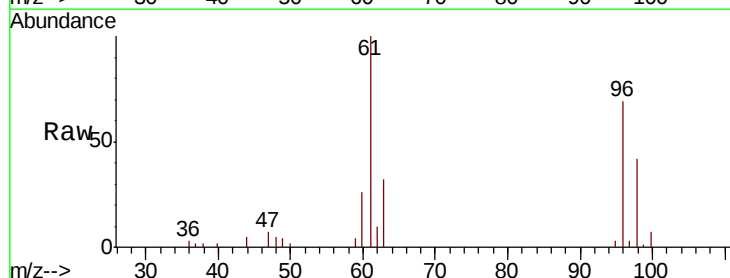
Tgt Ion: 96 Resp: 9085

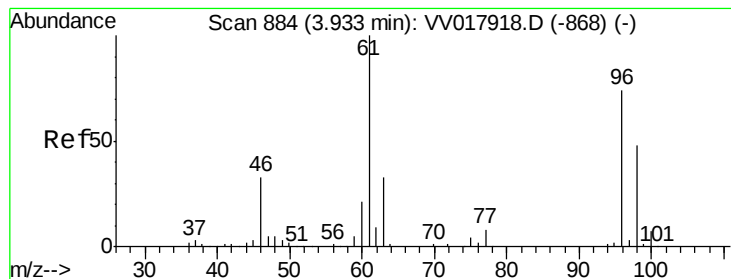
Ion Ratio Lower Upper

96 100

61 144.5 102.4 190.2

98 60.7 44.4 82.5





#20

cis-1,2-Dichloroethene

Concen: 86.004 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017928.D

Acq: 12 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampled :

F2L64

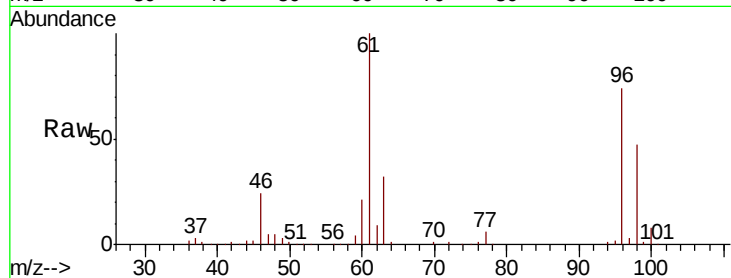
Tot Ion: 96 Resp: 164359

Ion Ratio Lower Upper

96 100

61 134.9 95.0 176.4

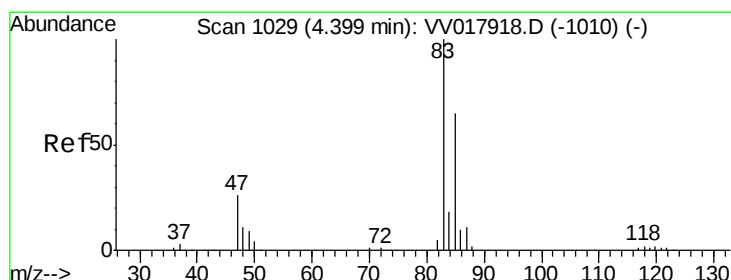
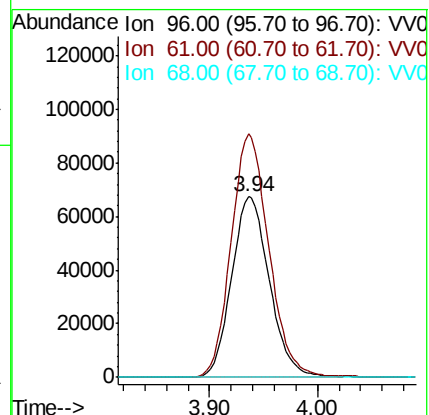
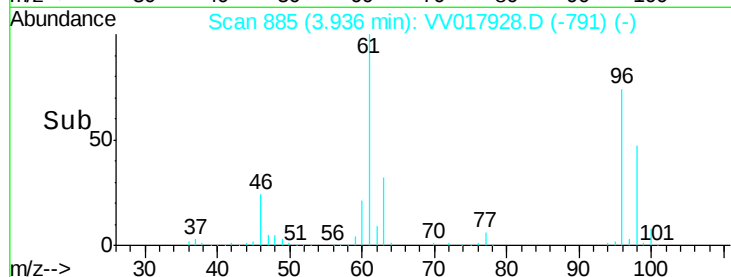
68 0.0 0.0 0.0



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: 0.712 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017928.D

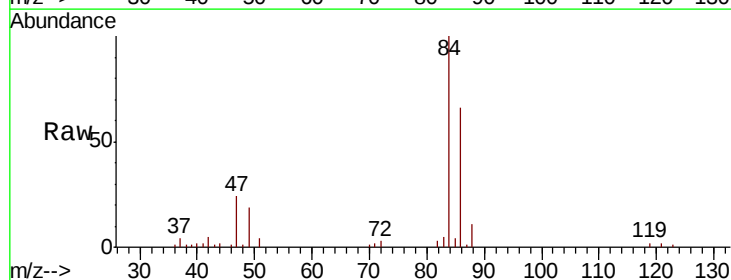
Acq: 12 Aug 2020 15:13

Tgt Ion: 83 Resp: 2541

Ion Ratio Lower Upper

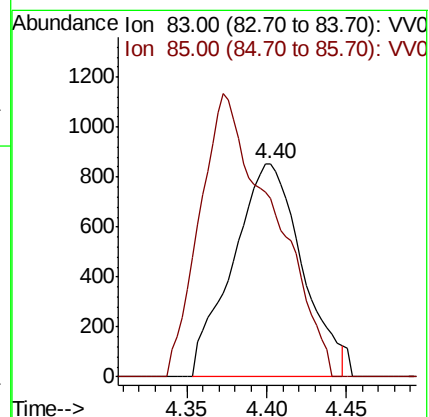
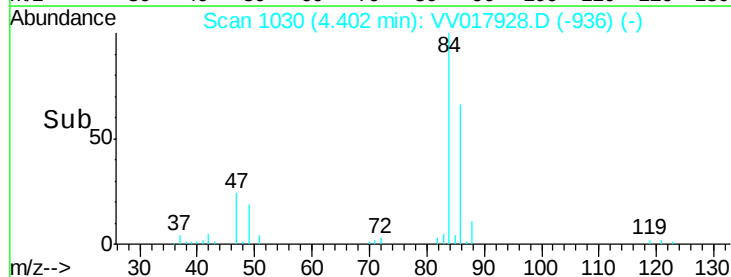
83 100

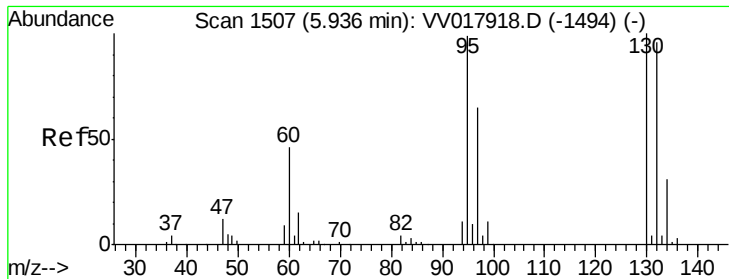
85 83.3 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 3.224 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017928.D

Acq: 12 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampleId :

F2L64

Tot Ion: 95 Resp: 6390

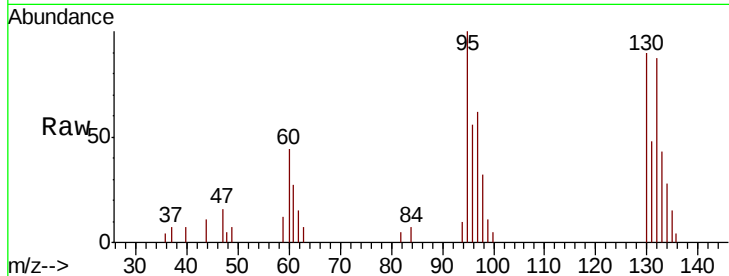
Ion Ratio Lower Upper

95 100

97 61.5 46.0 85.4

132 86.8 65.8 122.2

130 89.5 69.2 128.6

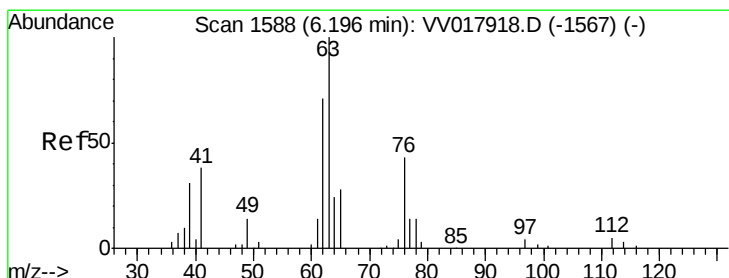
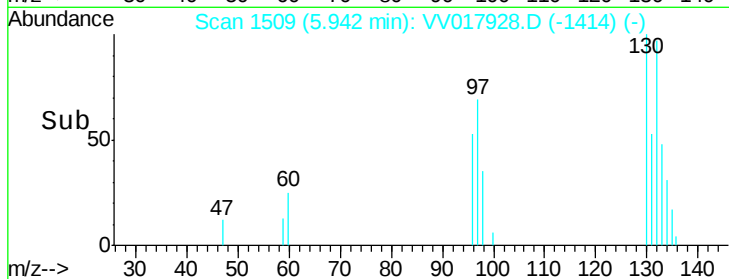
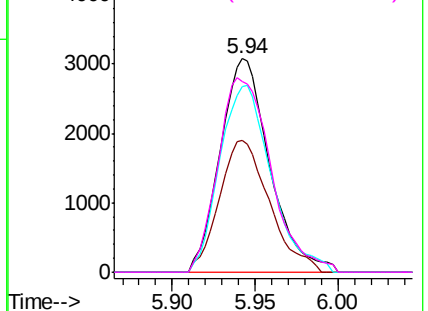


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#37

1,2-Dichloropropane

Concen: 5.815 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV017928.D

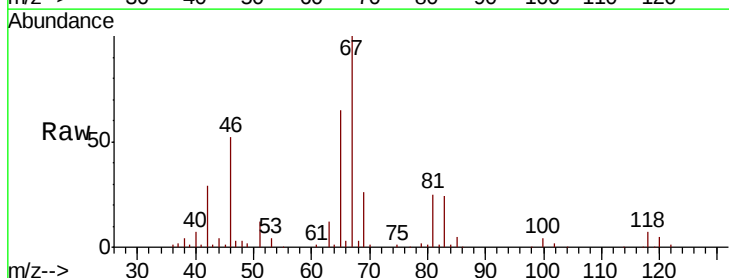
Acq: 12 Aug 2020 15:13

Tgt Ion: 63 Resp: 11891

Ion Ratio Lower Upper

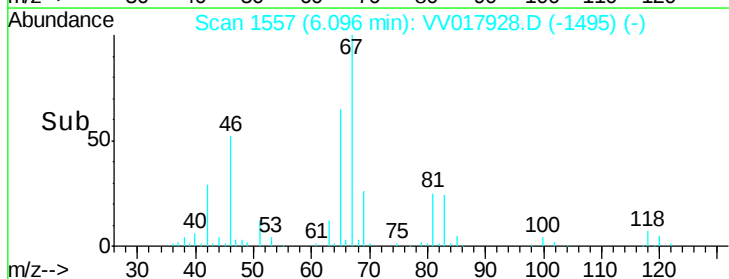
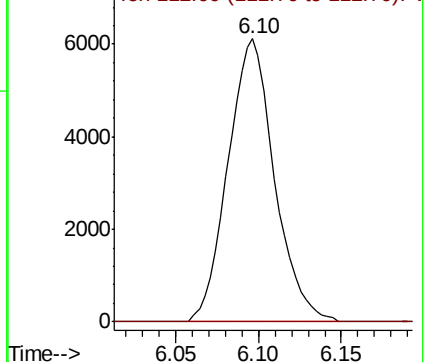
63 100

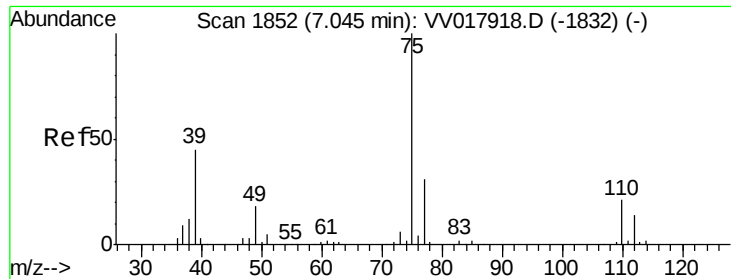
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

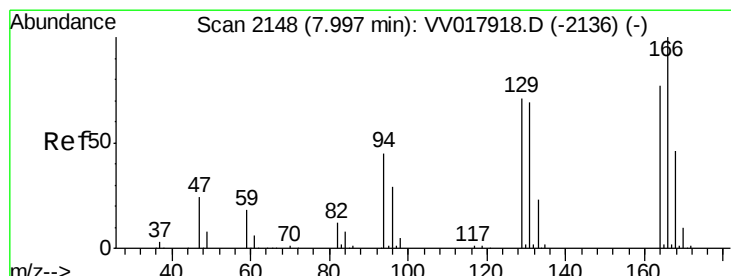
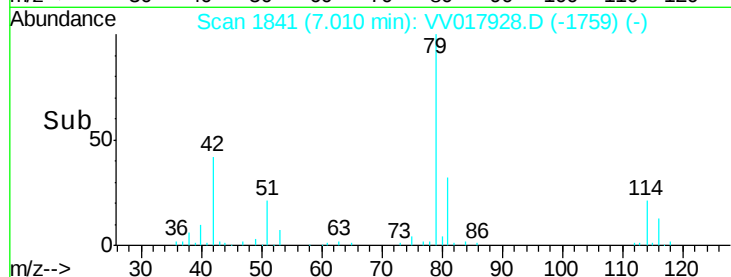
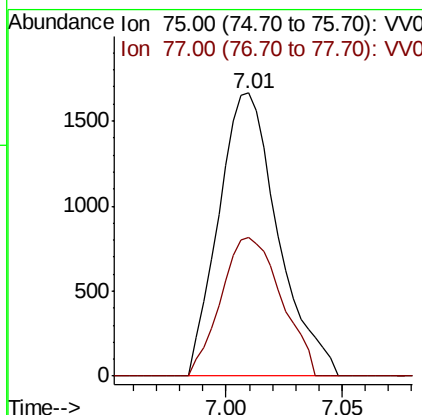
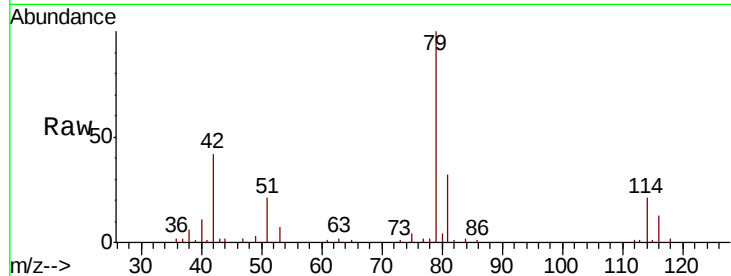




#39
 cis-1,3-Dichloropropene
 Concen: 1.021 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017928.D
 Acq: 12 Aug 2020 15:13

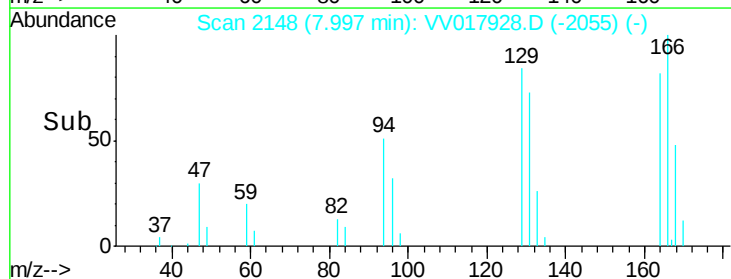
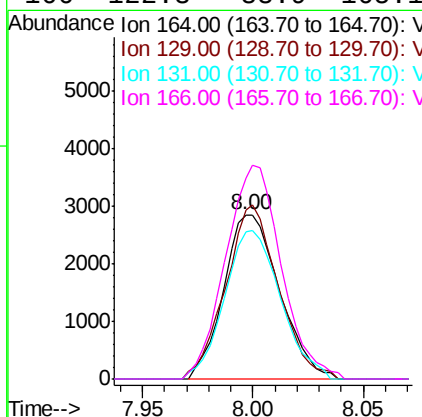
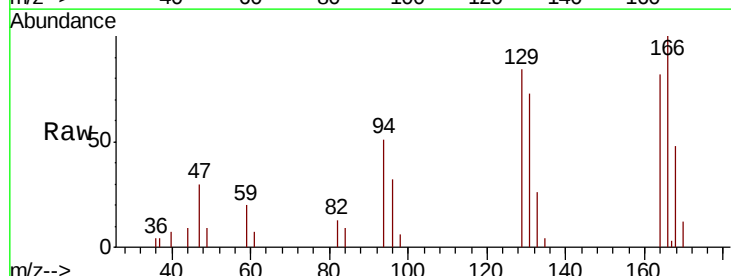
Instrument :
 MSVOA_V
 ClientSampleId :
 F2L64

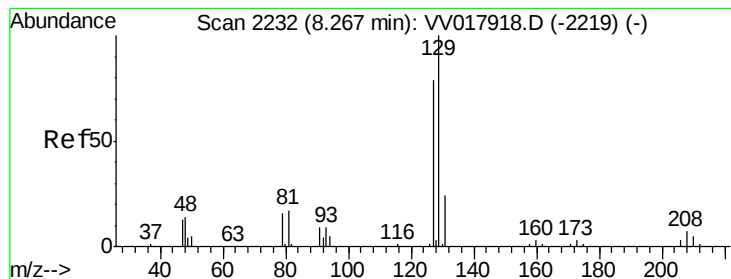
Tot Ion: 75 Resp: 2959
 Ion Ratio Lower Upper
 75 100
 77 49.0 22.3 41.5#



#46
 Tetrachloroethene
 Concen: 3.447 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017928.D
 Acq: 12 Aug 2020 15:13

Tgt Ion: 164 Resp: 5011
 Ion Ratio Lower Upper
 164 100
 129 102.9 64.8 120.3
 131 89.4 64.5 119.9
 166 122.3 88.9 165.1





#49

Dibromochloromethane

Concen: 2.677 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV017928.D

Acq: 12 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampleId :

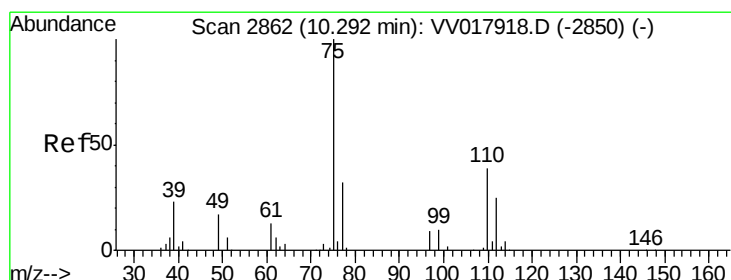
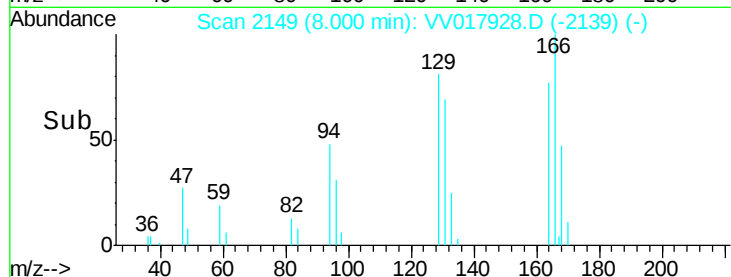
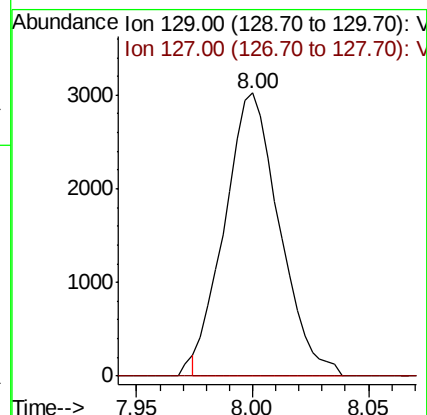
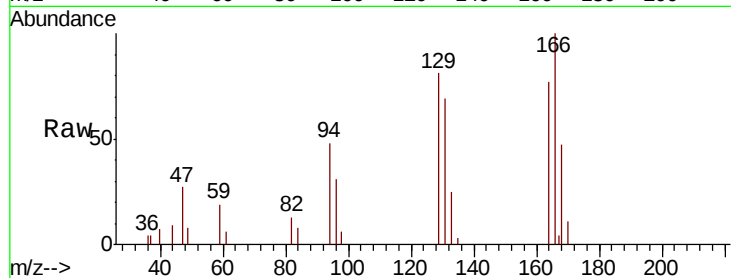
F2L64

Tot Ion:129 Resp: 4948

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#59

1,2,3-Trichloropropane

Concen: 5.161 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017928.D

Acq: 12 Aug 2020 15:13

Tgt Ion: 75 Resp: 13033

Ion Ratio Lower Upper

75 100

77 38.8 25.7 38.5#

