

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017964.D
 Acq On : 13 Aug 2020 12:17
 Operator : SY/MD
 Sample : L3644-01DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L61DL

Quant Time: Aug 14 04:16:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275246	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268558	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129291	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90636	43.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.32%
7) Chloroethane-d5	1.58	69	78038	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.84%
11) 1,1-Dichloroethene-d2	2.12	63	140365	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	3.91	46	125226	91.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.04%
24) Chloroform-d	4.38	84	173314	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.05	65	117137	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
32) Benzene-d6	5.07	84	351071	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
36) 1,2-Dichloropropane-d6	6.09	67	113504	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.34	98	311959	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloropropene-	7.64	79	49020	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.34%
47) 2-Hexanone-d5	8.11	63	64435	82.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141331	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	130259	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%

Target Compounds

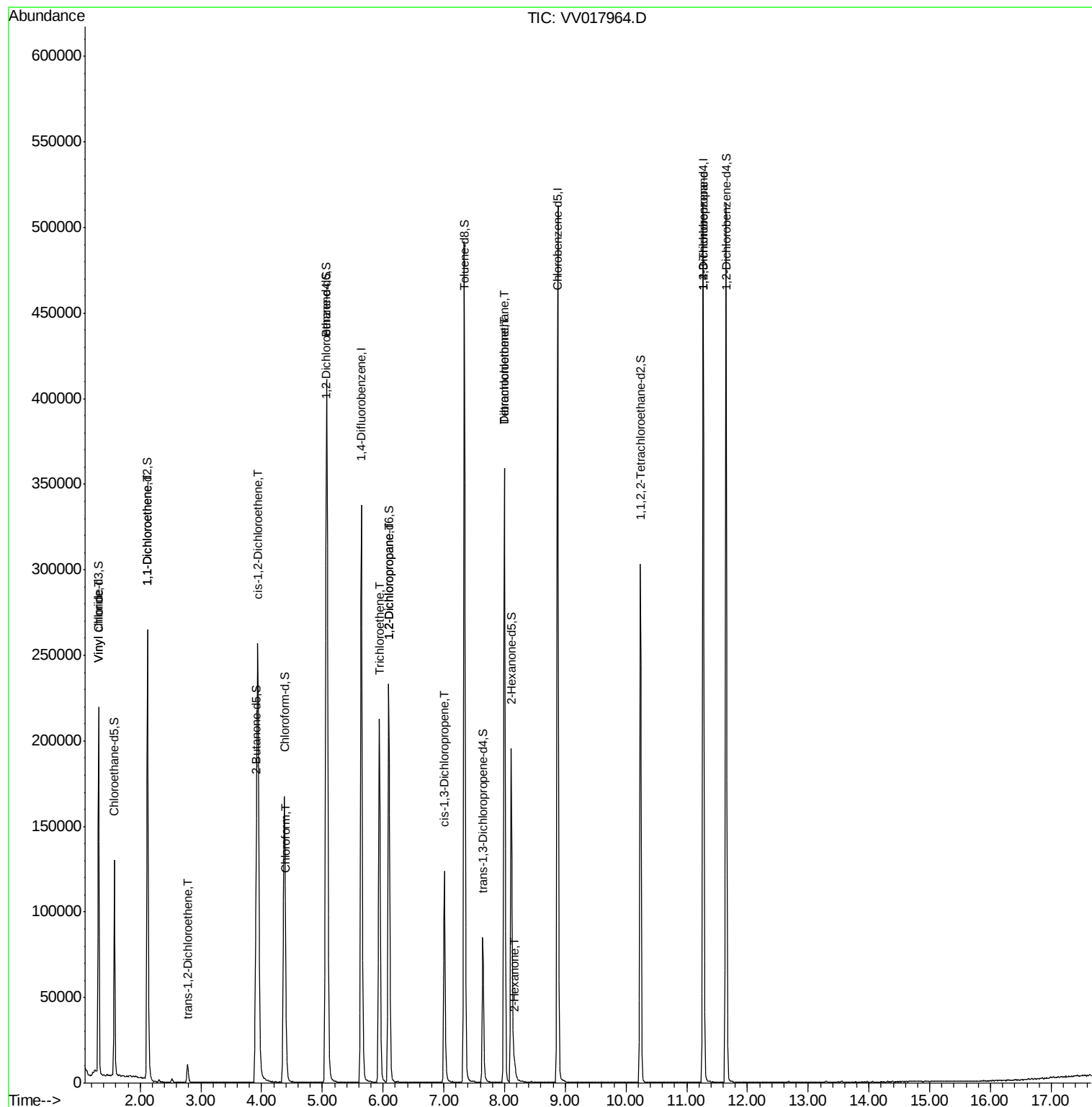
					Ovalue
5) Vinyl chloride	1.32	62	47070	19.246 ug/L	93
12) 1,1-Dichloroethene	2.13	96	1740	0.942 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	4023	2.120 ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	129611	62.144 ug/L	98
25) Chloroform	4.40	83	2760	0.709 ug/L	85
34) Trichloroethene	5.94	95	72996	33.237 ug/L	98
37) 1,2-Dichloropropane	6.09	63	12144	5.359 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3067	0.955 ug/L #	65
46) Tetrachloroethene	8.00	164	80980	50.276 ug/L	98
48) 2-Hexanone	8.17	43	5464	2.288 ug/L #	87
49) Dibromochloromethane	8.00	129	72075	35.189 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	15818	5.653 ug/L	90

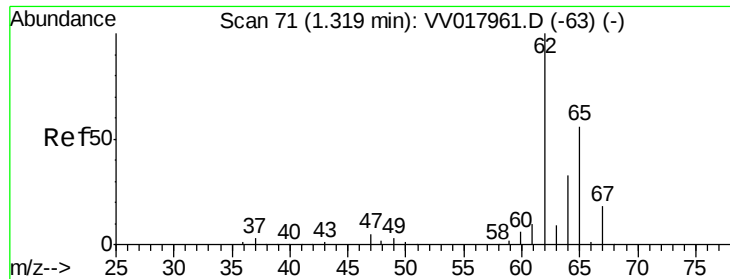
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081320\
Data File : VV017964.D
Acq On : 13 Aug 2020 12:17
Operator : SY/MD
Sample : L3644-01DL 5X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2L61DL

Quant Time: Aug 14 04:16:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 14 04:14:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 19.246 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017964.D

Acq: 13 Aug 2020 12:17

Instrument :

MSVOA_V

ClientSampled :

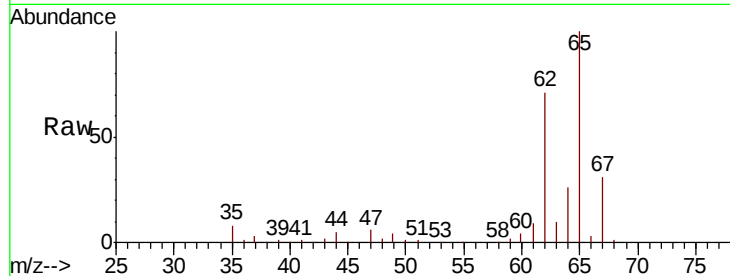
F2L61DL

Tot Ion: 62 Resp: 47070

Ion Ratio Lower Upper

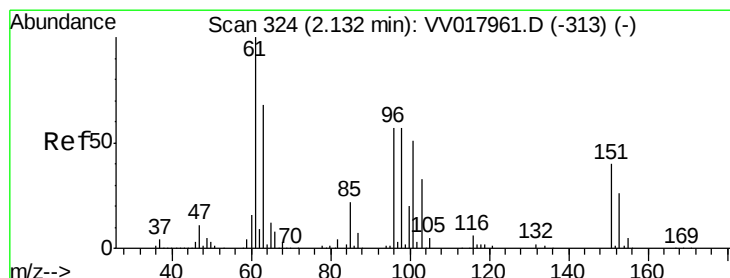
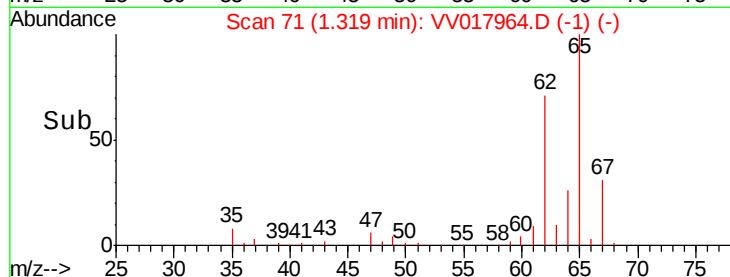
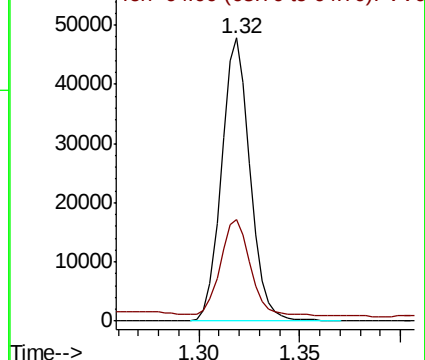
62 100

64 36.1 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 0.942 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017964.D

Acq: 13 Aug 2020 12:17

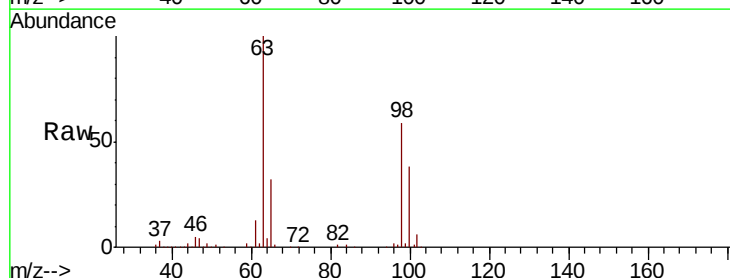
Tgt Ion: 96 Resp: 1740

Ion Ratio Lower Upper

96 100

61 848.7 127.1 236.0#

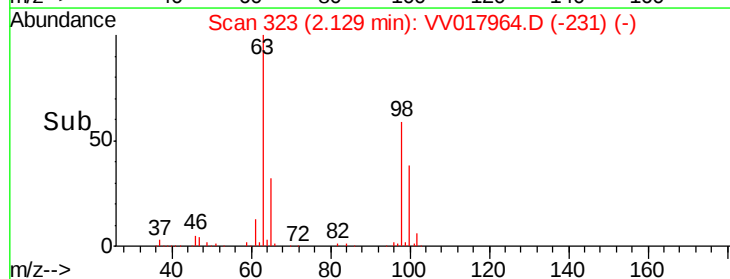
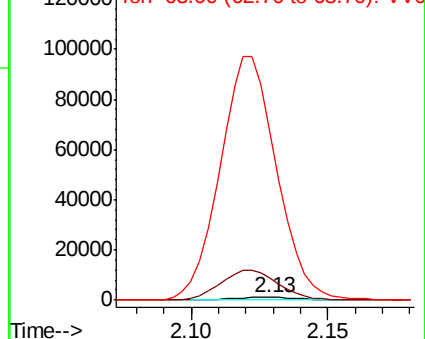
63 6576.7 95.2 176.8#

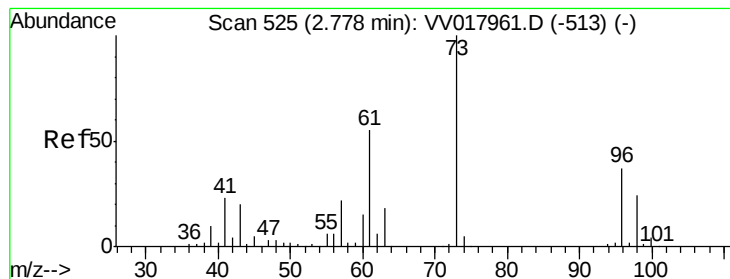


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 2.120 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017964.D

Acq: 13 Aug 2020 12:17

Instrument :

MSVOA_V

ClientSampleID :

F2L61DL

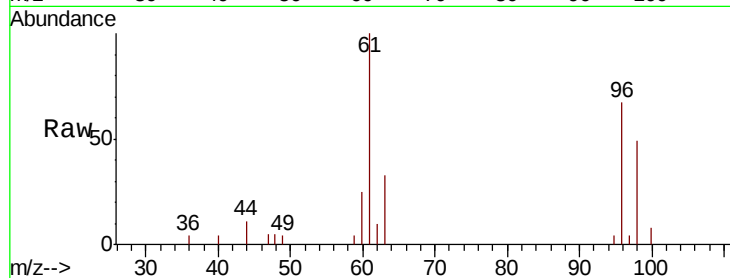
Tot Ion: 96 Resp: 4023

Ion Ratio Lower Upper

96 100

61 149.2 102.4 190.2

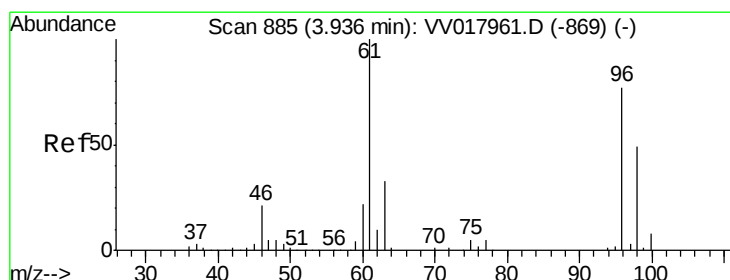
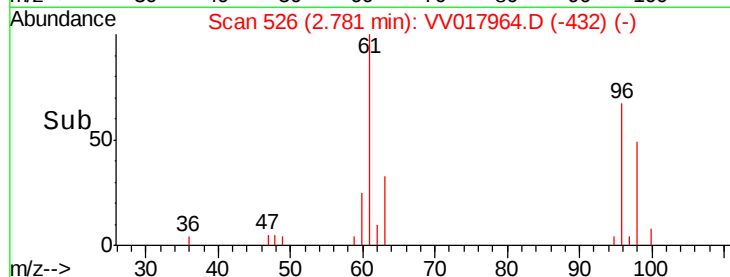
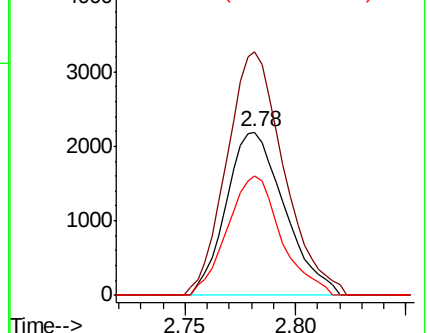
98 73.2 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV017964.D (-432) (-)

Ion 61.00 (60.70 to 61.70): VV017964.D (-432) (-)

Ion 98.00 (97.70 to 98.70): VV017964.D (-432) (-)



#20

cis-1,2-Dichloroethene

Concen: 62.144 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017964.D

Acq: 13 Aug 2020 12:17

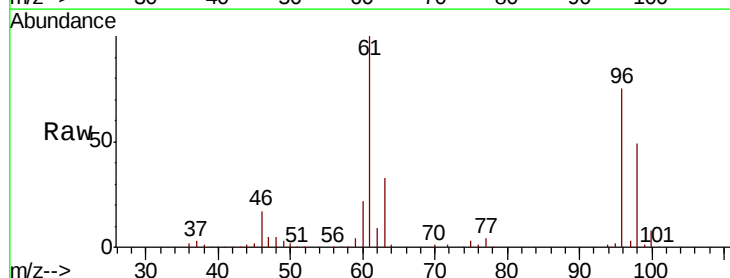
Tgt Ion: 96 Resp: 129611

Ion Ratio Lower Upper

96 100

61 133.4 95.0 176.4

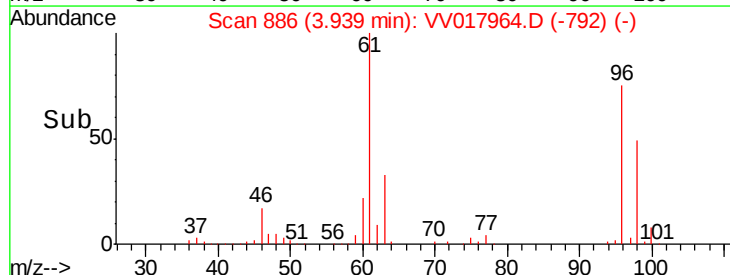
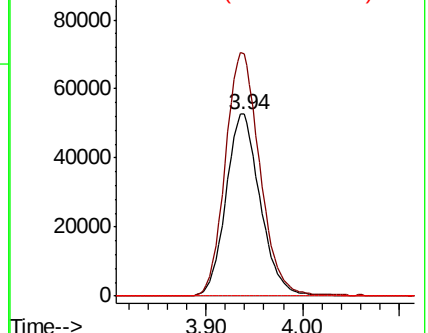
68 0.0 0.0 0.0

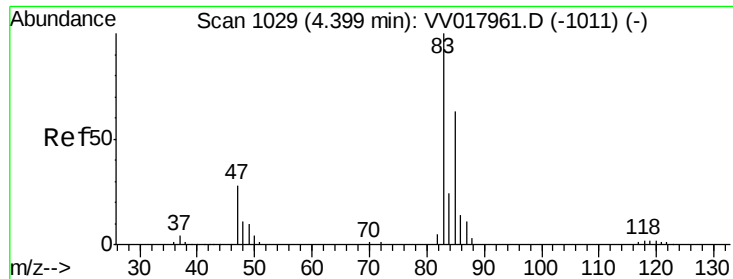


Abundance Ion 96.00 (95.70 to 96.70): VV017964.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV017964.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV017964.D (-792) (-)

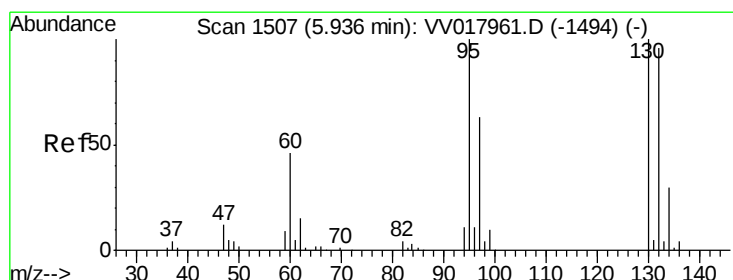
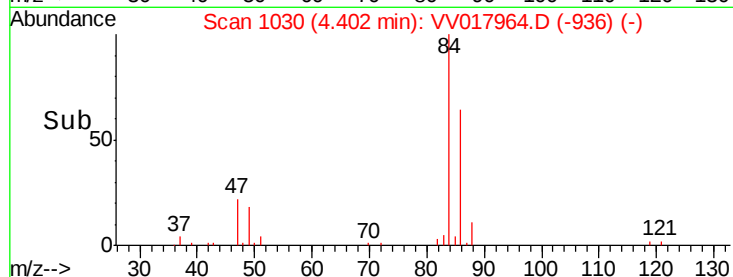
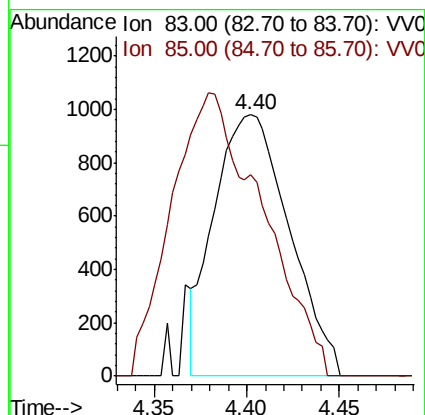
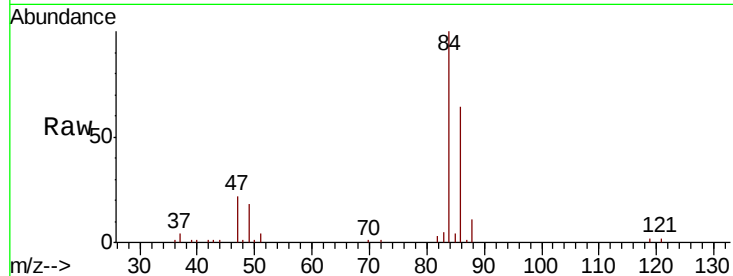




#25
Chloroform
Concen: 0.709 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017964.D
Acq: 13 Aug 2020 12:17

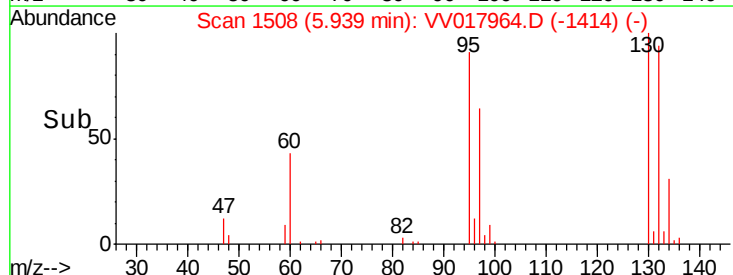
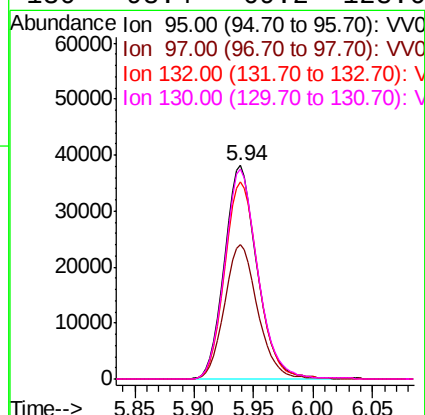
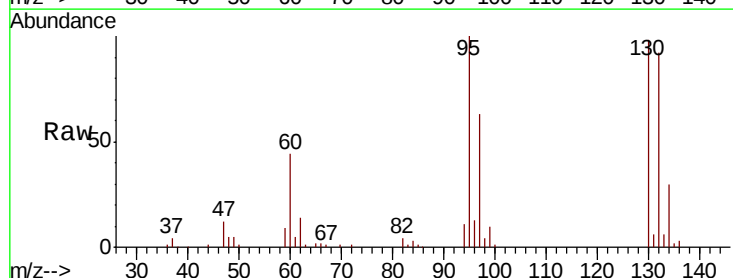
Instrument :
MSVOA_V
ClientSampleId :
F2L61DL

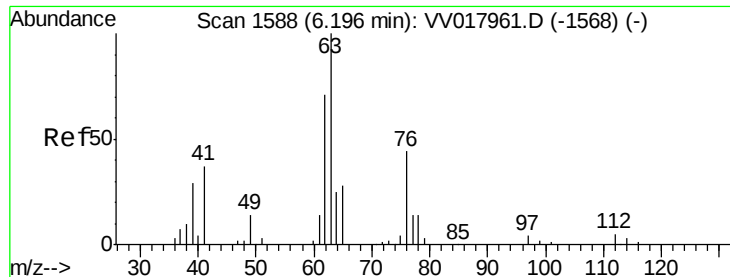
Tot Ion: 83 Resp: 2760
Ion Ratio Lower Upper
83 100
85 77.2 45.5 84.5



#34
Trichloroethene
Concen: 33.237 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017964.D
Acq: 13 Aug 2020 12:17

Tgt Ion: 95 Resp: 72996
Ion Ratio Lower Upper
95 100
97 62.7 46.0 85.4
132 92.1 65.8 122.2
130 98.4 69.2 128.6

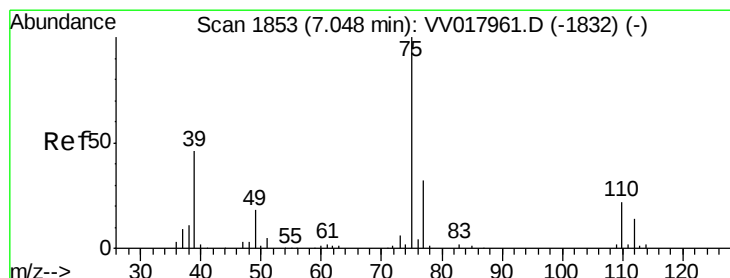
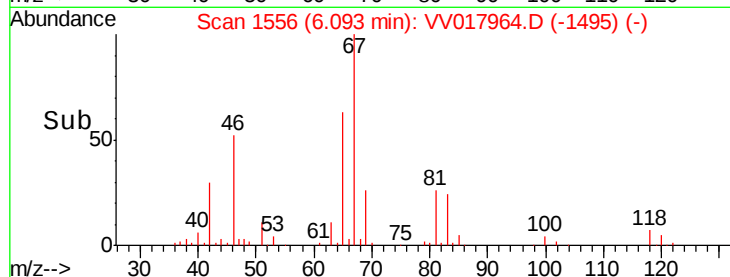
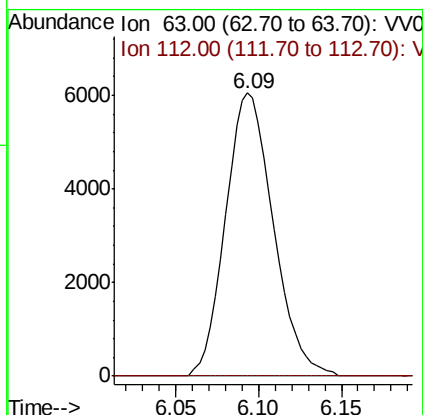
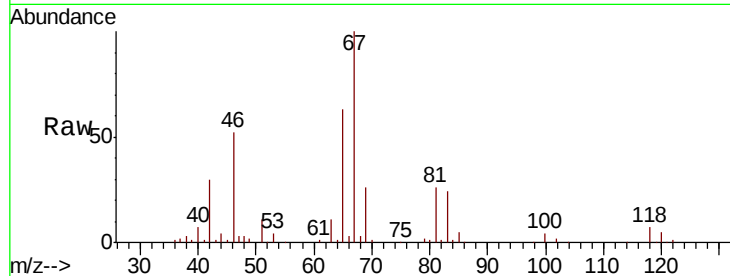




#37
 1,2-Dichloropropane
 Concen: 5.359 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017964.D
 Acq: 13 Aug 2020 12:17

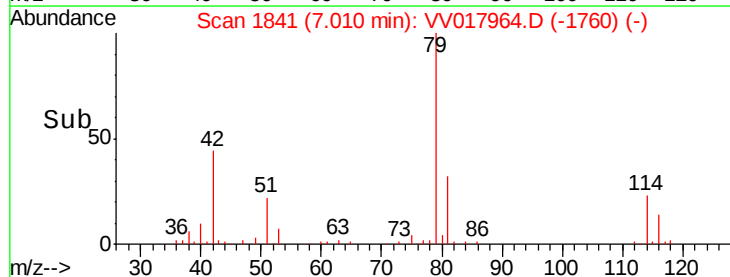
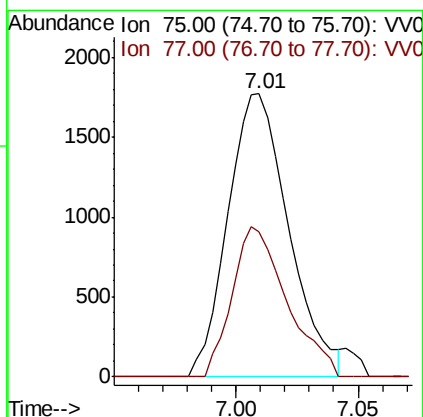
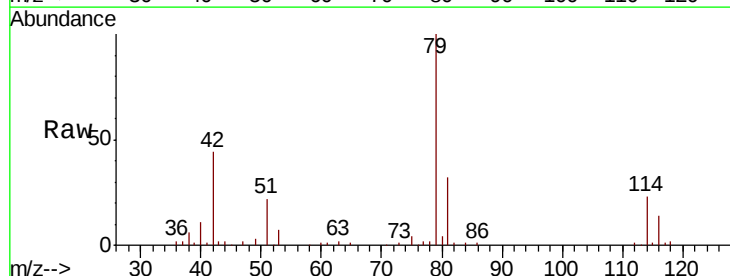
Instrument :
 MSVOA_V
 ClientSampleId :
 F2L61DL

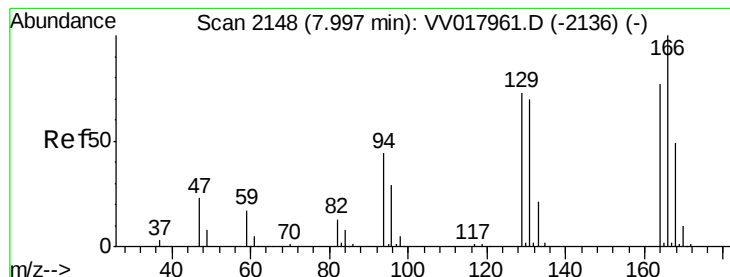
Tot Ion: 63 Resp: 12144
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.955 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017964.D
 Acq: 13 Aug 2020 12:17

Tgt Ion: 75 Resp: 3067
 Ion Ratio Lower Upper
 75 100
 77 51.2 22.3 41.5#





#46

Tetrachloroethene

Concen: 50.276 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017964.D

Acq: 13 Aug 2020 12:17

Instrument :

MSVOA_V

ClientSampleId :

F2L61DL

Tot Ion:164 Resp: 80980

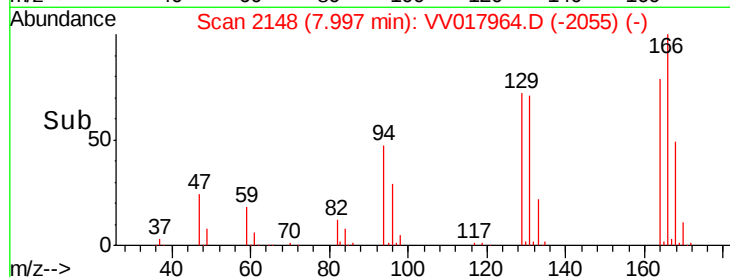
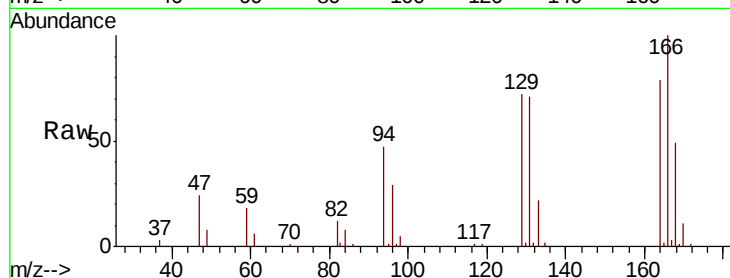
Ion Ratio Lower Upper

164 100

129 91.3 64.8 120.3

131 89.2 64.5 119.9

166 126.1 88.9 165.1

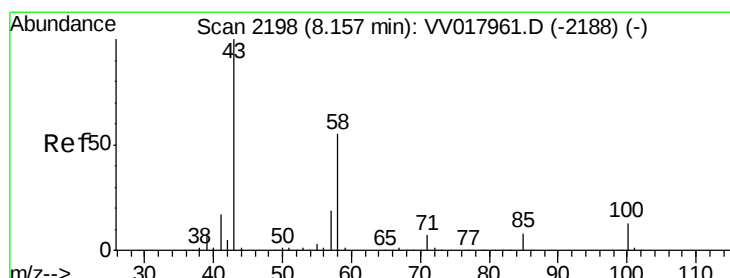
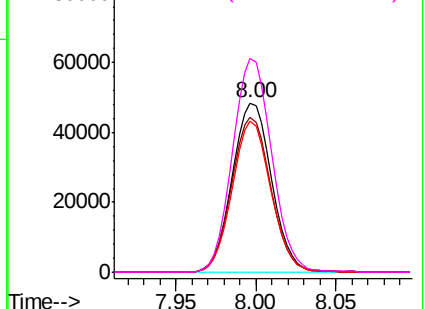


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 2.288 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017964.D

Acq: 13 Aug 2020 12:17

Tgt Ion: 43 Resp: 5464

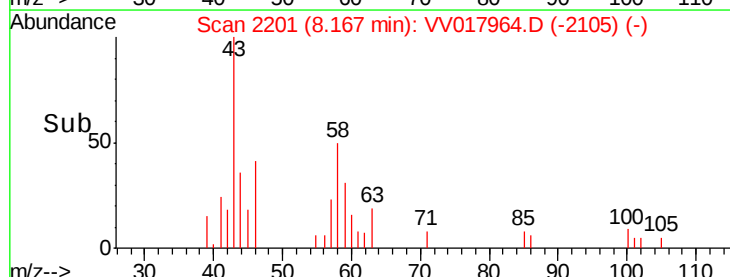
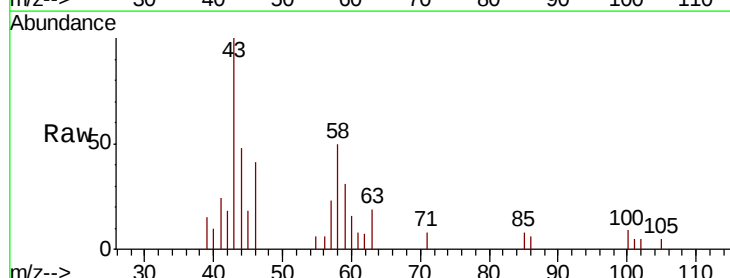
Ion Ratio Lower Upper

43 100

58 43.4 44.4 66.6#

57 19.1 15.2 22.8

100 4.9 9.8 14.6#

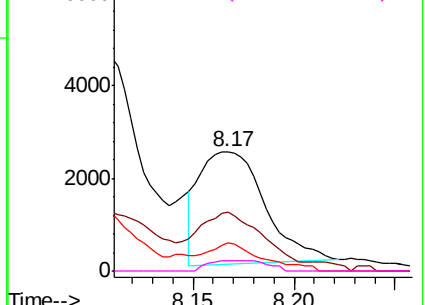


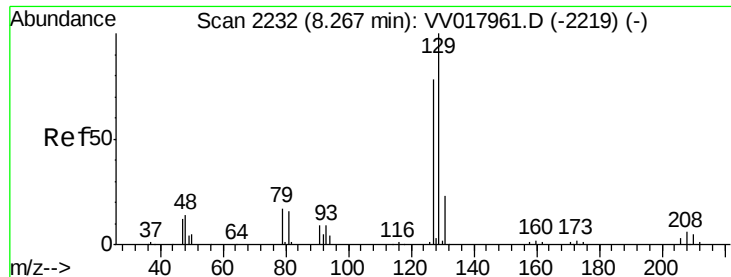
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 35.189 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017964.D

Acq: 13 Aug 2020 12:17

Instrument :

MSVOA_V

ClientSampleID :

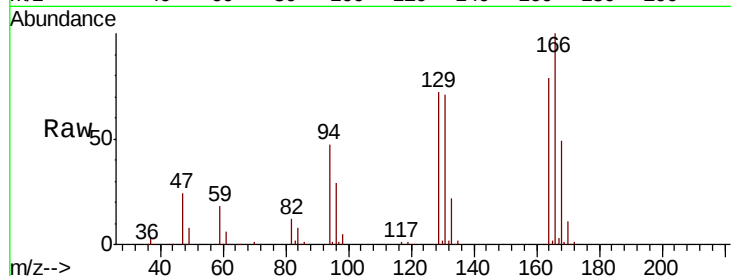
F2L61DL

Tot Ion:129 Resp: 72075

Ion Ratio Lower Upper

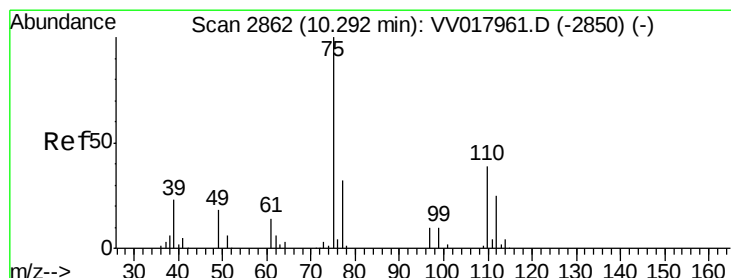
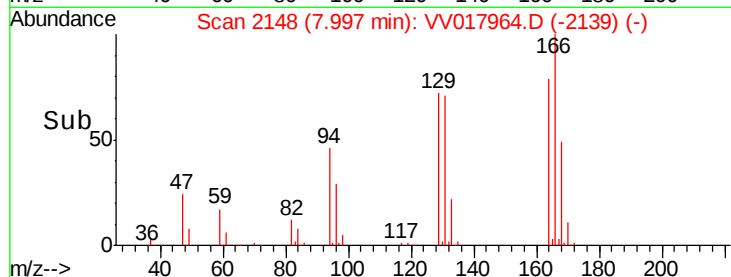
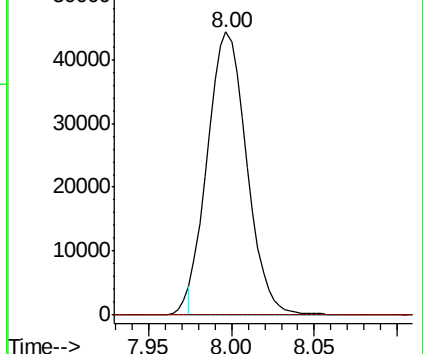
129 100

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



#59

1,2,3-Trichloropropane

Concen: 5.653 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017964.D

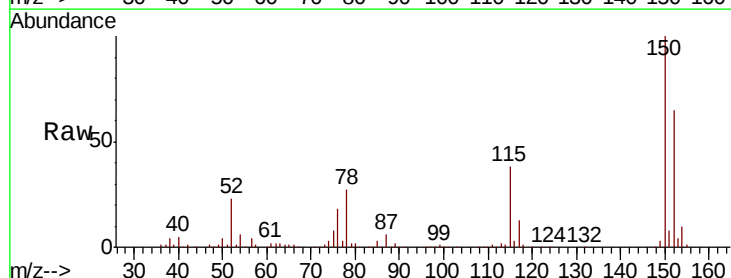
Acq: 13 Aug 2020 12:17

Tgt Ion: 75 Resp: 15818

Ion Ratio Lower Upper

75 100

77 37.5 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

