

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018880.D
 Acq On : 13 Oct 2020 16:11
 Operator : SY/MD
 Sample : L4289-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK3

Quant Time: Oct 14 01:36:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341950	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339361	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160228	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	118888	38.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.52%
7) Chloroethane-d5	1.58	69	97242	38.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.76%
11) 1,1-Dichloroethene-d2	2.12	63	179174	29.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.82%#
21) 2-Butanone-d5	3.90	46	183275	96.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.07%
24) Chloroform-d	4.38	84	226324	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.58%
26) 1,2-Dichloroethane-d4	5.06	65	158424	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
32) Benzene-d6	5.07	84	448536	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.14%
36) 1,2-Dichloropropane-d6	6.09	67	147452	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.82%
41) Toluene-d8	7.34	98	393750	40.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.22%
43) trans-1,3-Dichloropropene-	7.64	79	64730	37.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.38%
47) 2-Hexanone-d5	8.11	63	100884	80.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175781	42.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	158434	44.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.36%

Target Compounds

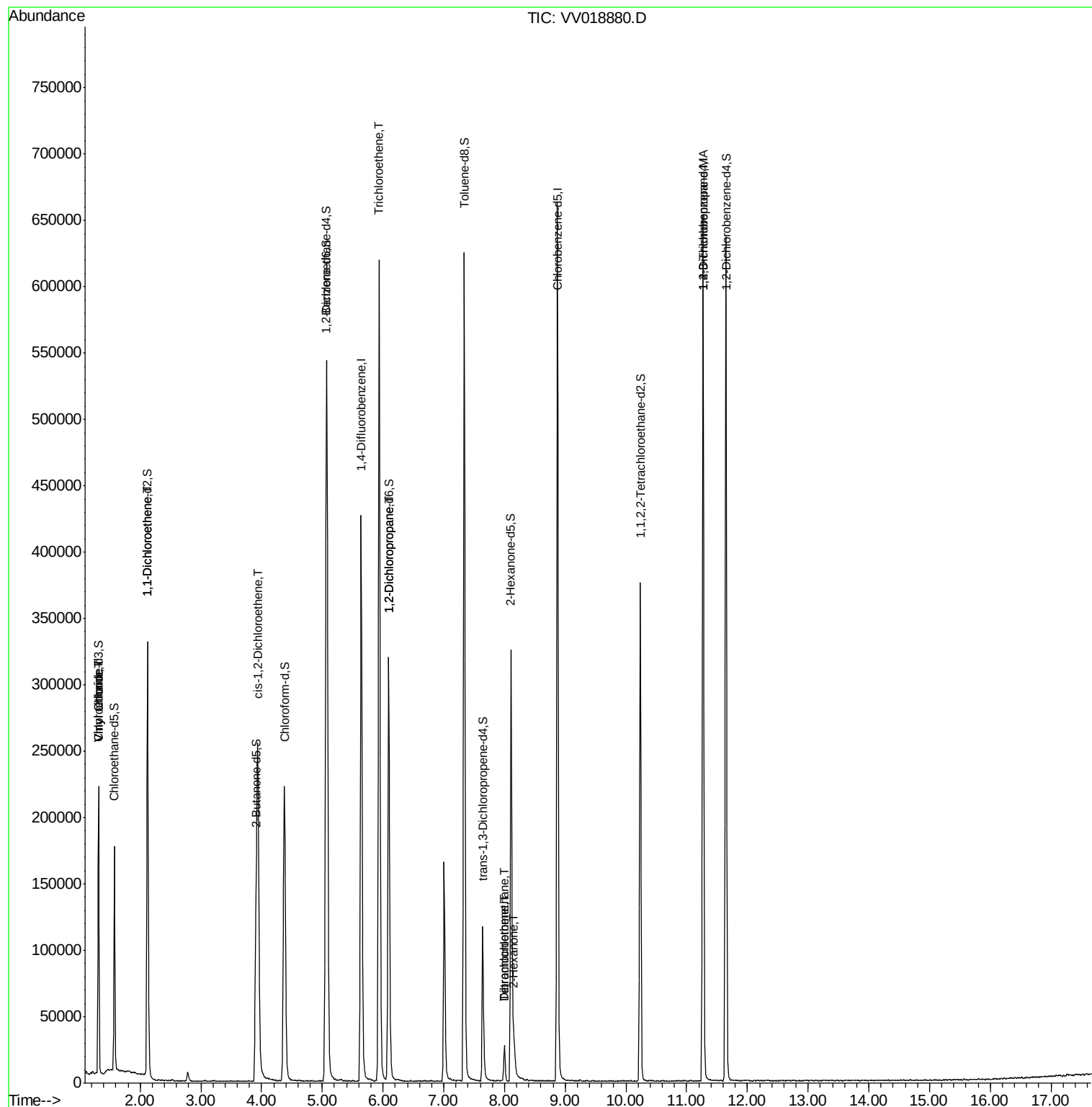
					Ovalue
5) Vinyl chloride	1.32	62	13224	4.380 ug/L #	75
8) Chloroethane	1.32	64	6479	3.278 ug/L	85
12) 1,1-Dichloroethene	2.13	96	3540	1.496 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	122346	46.341 ug/L	99
34) Trichloroethene	5.94	95	210072	67.794 ug/L	99
37) 1,2-Dichloropropane	6.09	63	17050	5.765 ug/L #	87
46) Tetrachloroethene	8.00	164	5782	2.546 ug/L	95
48) 2-Hexanone	8.16	43	15851	5.224 ug/L #	45
49) Dibromochloromethane	8.00	129	5671	1.953 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	19113	5.431 ug/L	89

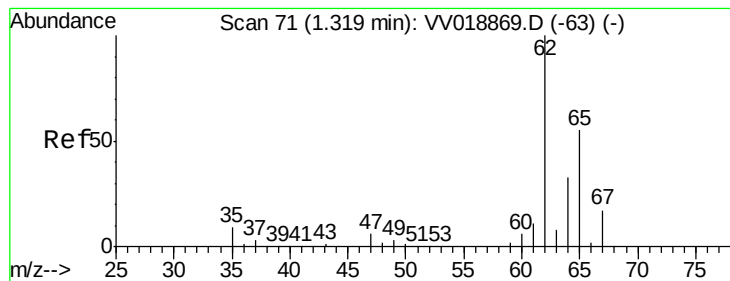
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101320\
Data File : VV018880.D
Acq On : 13 Oct 2020 16:11
Operator : SY/MD
Sample : L4289-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AK3

Quant Time: Oct 14 01:36:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 14 01:28:12 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.380 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018880.D

Acq: 13 Oct 2020 16:11

Instrument :

MSVOA_V

ClientSampleId :

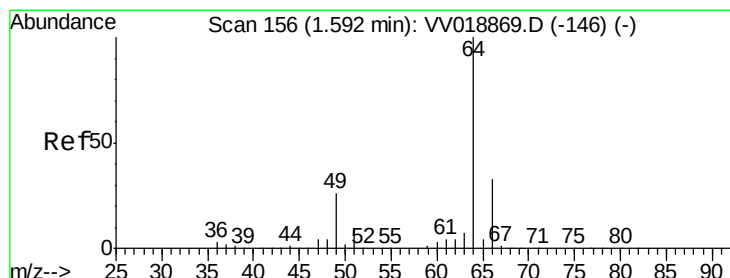
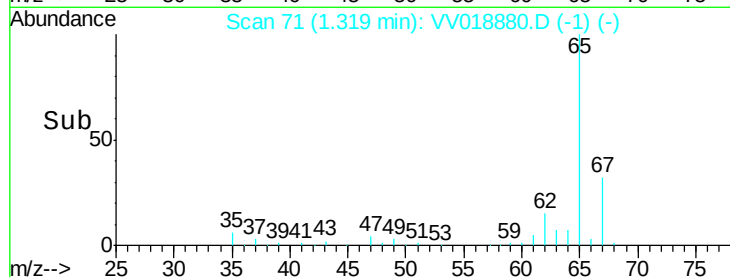
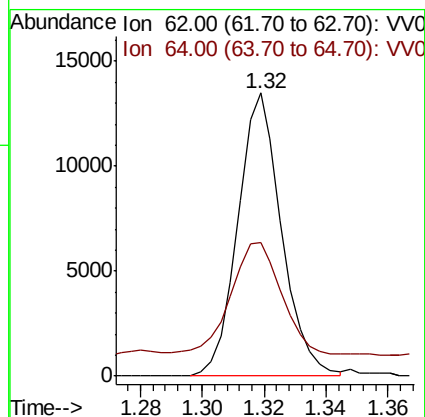
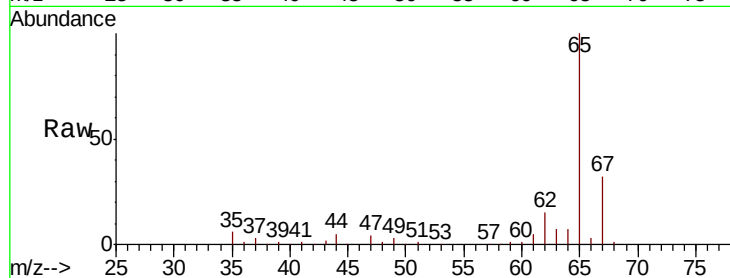
C0AK3

Tot Ion: 62 Resp: 13224

Ion Ratio Lower Upper

62 100

64 47.4 23.2 43.0#



#8

Chloroethane

Concen: 3.278 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.27 min

Lab File: VV018880.D

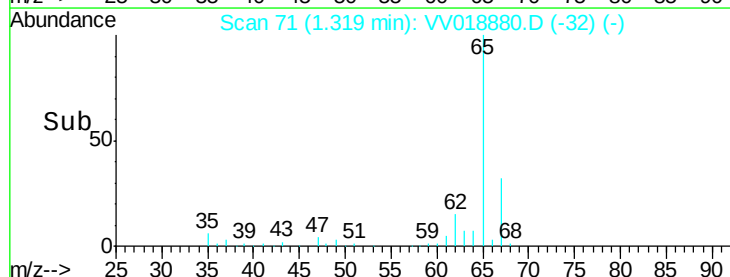
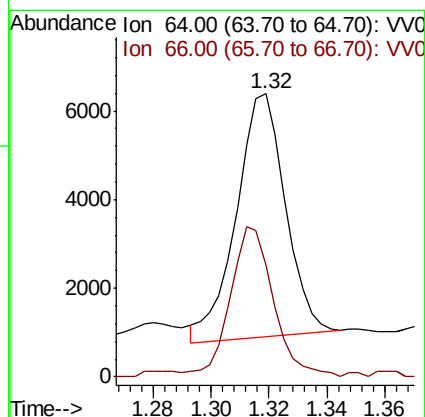
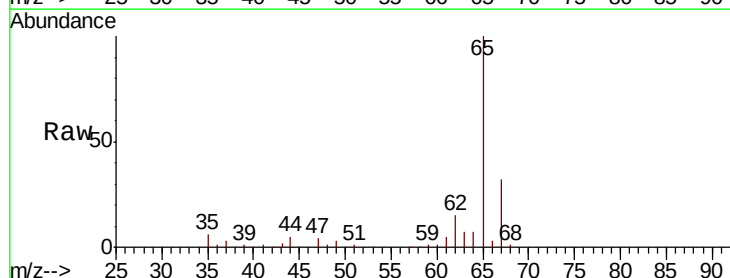
Acq: 13 Oct 2020 16:11

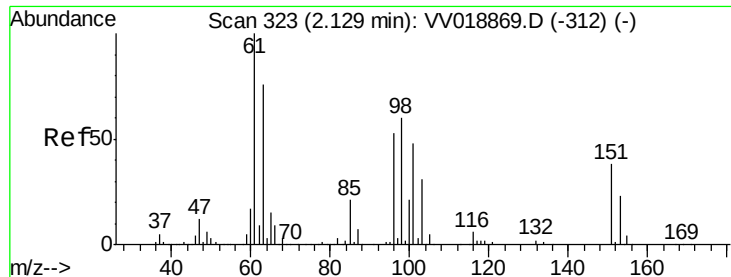
Tgt Ion: 64 Resp: 6479

Ion Ratio Lower Upper

64 100

66 39.4 21.7 40.3





#12

1,1-Dichloroethene

Concen: 1.496 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018880.D

Acq: 13 Oct 2020 16:11

Instrument :

MSVOA_V

ClientSampled :

C0AK3

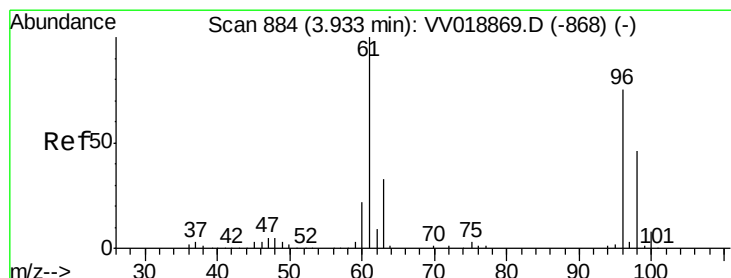
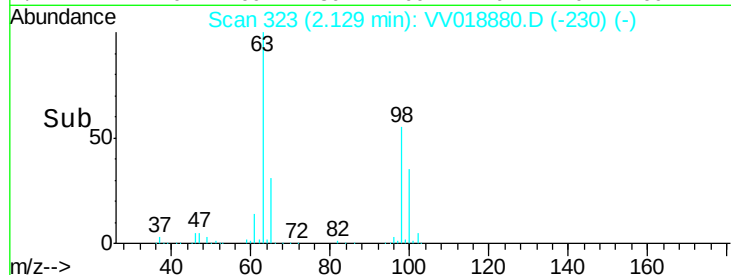
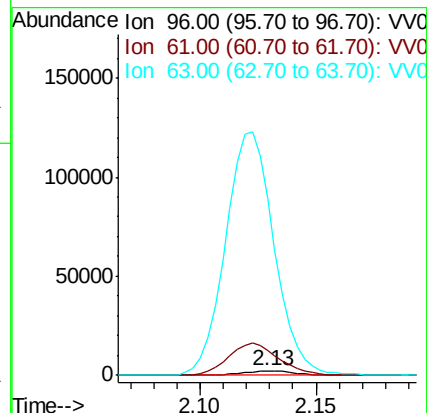
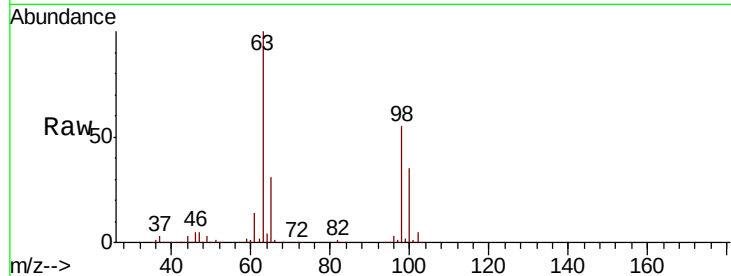
Tot Ion: 96 Resp: 3540

Ion Ratio Lower Upper

96 100

61 572.6 133.6 248.0#

63 3993.1 108.4 201.4#



#20

cis-1,2-Dichloroethene

Concen: 46.341 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV018880.D

Acq: 13 Oct 2020 16:11

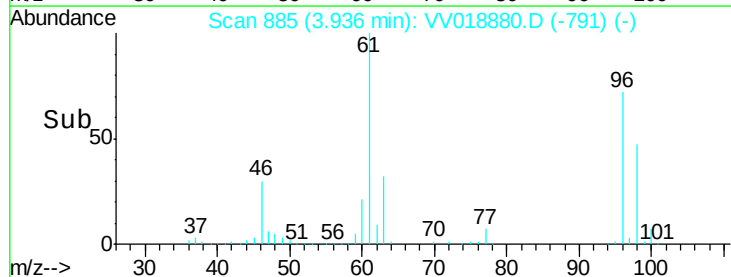
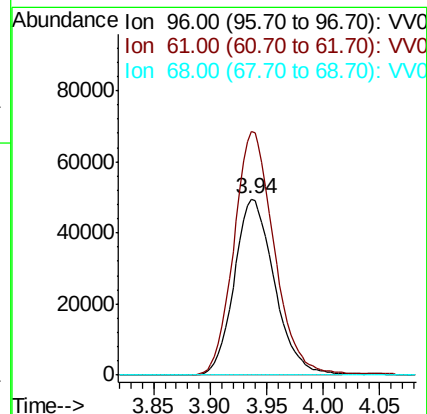
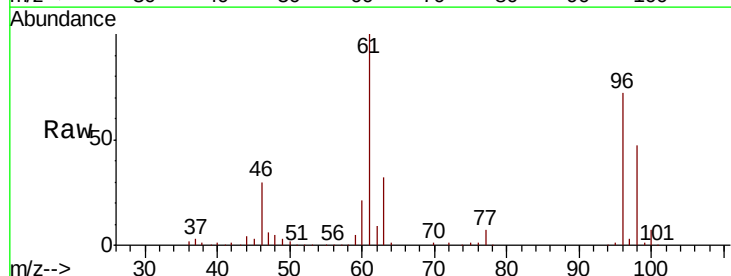
Tgt Ion: 96 Resp: 122346

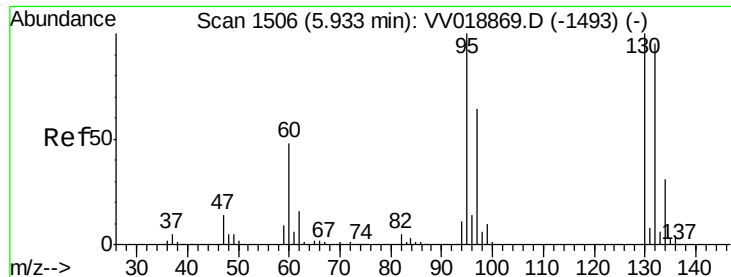
Ion Ratio Lower Upper

96 100

61 138.3 97.3 180.7

68 0.0 0.0 0.0

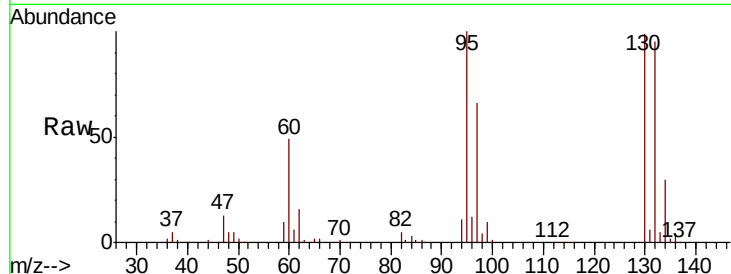




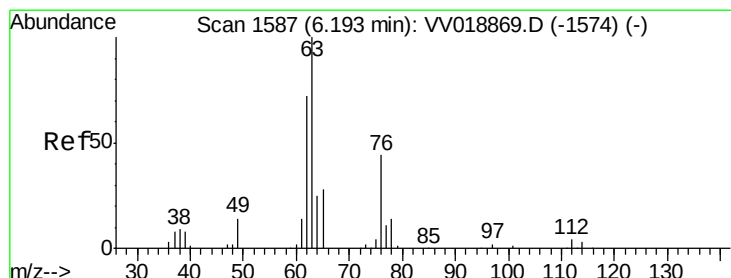
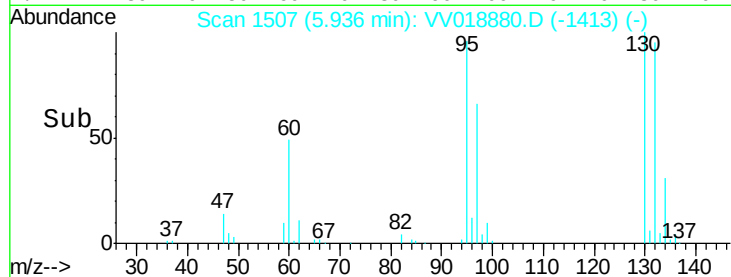
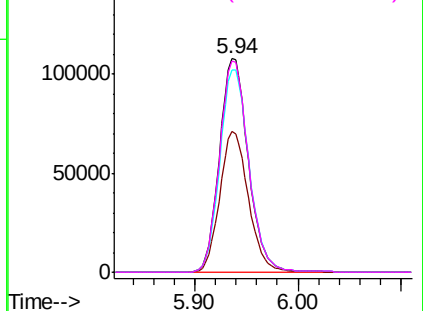
#34
 Trichloroethene
 Concen: 67.794 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV018880.D
 Acq: 13 Oct 2020 16:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK3

Tot Ion: 95 Resp: 210072
 Ion Ratio Lower Upper
 95 100
 97 65.8 45.1 83.9
 132 94.6 66.2 123.0
 130 99.2 69.1 128.3

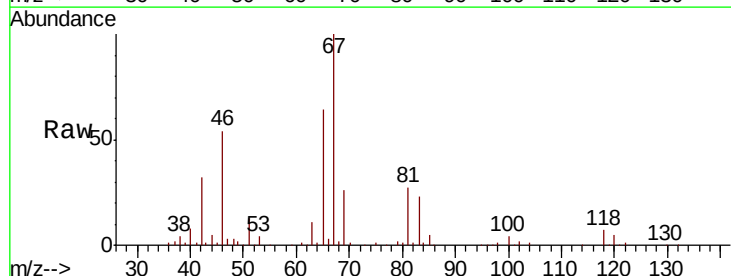


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

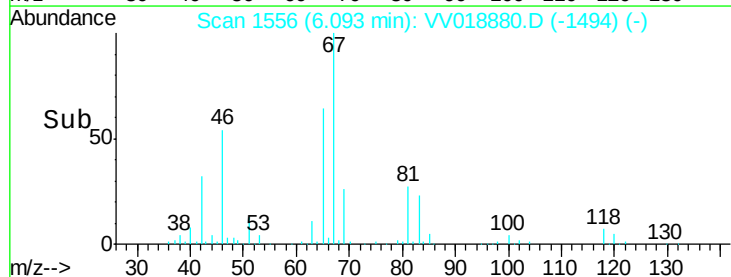
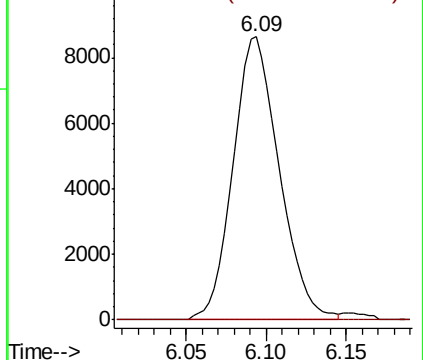


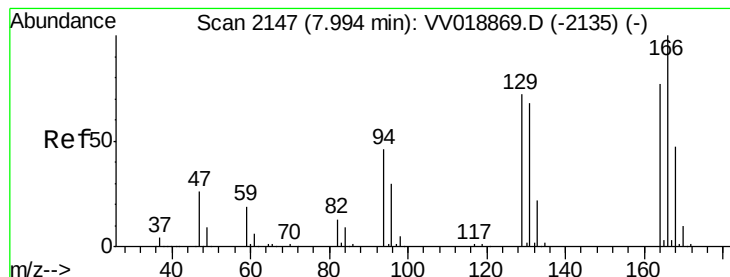
#37
 1,2-Dichloropropane
 Concen: 5.765 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018880.D
 Acq: 13 Oct 2020 16:11

Tgt Ion: 63 Resp: 17050
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 112.00 (111.70 to 112.70): VV0





#46

Tetrachloroethene

Concen: 2.546 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018880.D

Acq: 13 Oct 2020 16:11

Instrument :

MSVOA_V

ClientSampleId :

C0AK3

Tot Ion:164 Resp: 5782

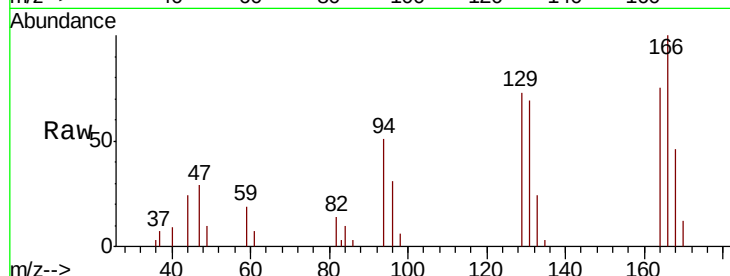
Ion Ratio Lower Upper

164 100

129 98.2 64.6 120.0

131 92.4 63.6 118.0

166 133.9 88.3 164.1

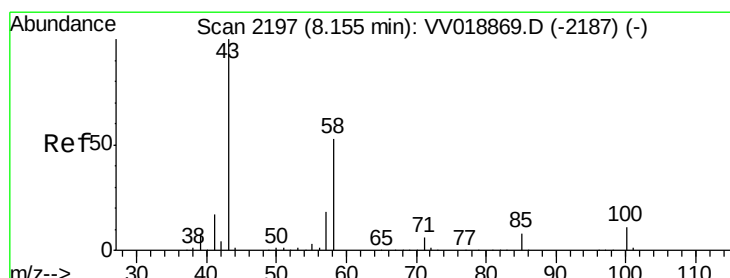
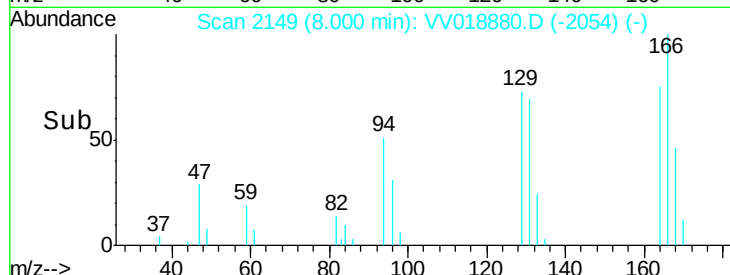
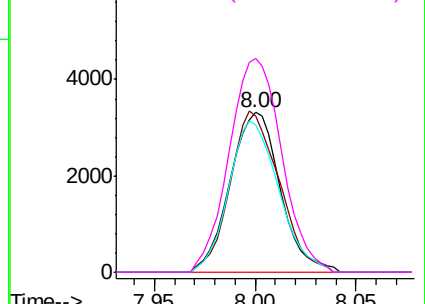


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.224 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018880.D

Acq: 13 Oct 2020 16:11

Tgt Ion: 43 Resp: 15851

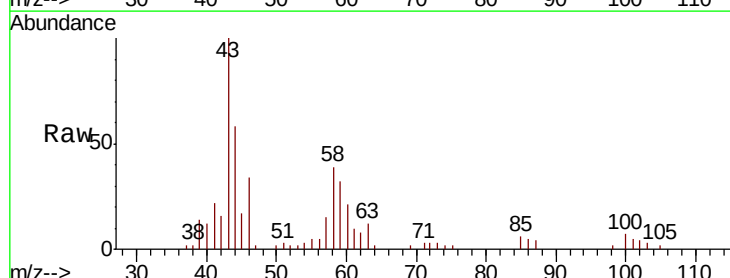
Ion Ratio Lower Upper

43 100

58 0.0 41.8 62.8#

57 5.8 14.9 22.3#

100 8.4 9.2 13.8#

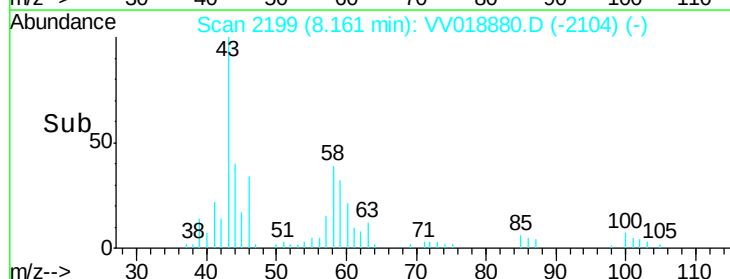
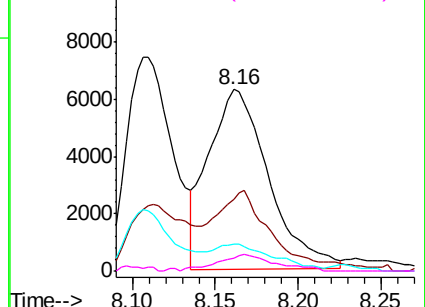


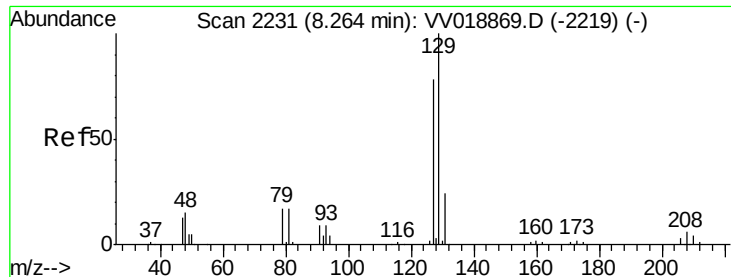
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 1.953 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018880.D

Acq: 13 Oct 2020 16:11

Instrument :

MSVOA_V

ClientSampleId :

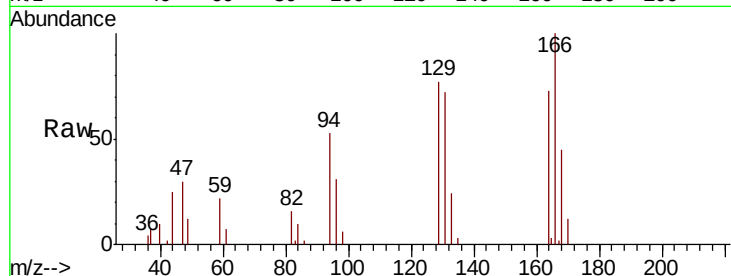
C0AK3

Tot Ion:129 Resp: 5671

Ion Ratio Lower Upper

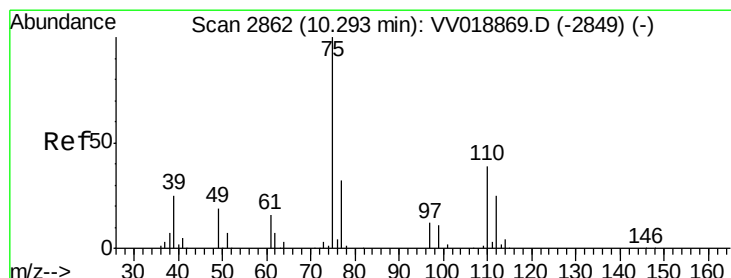
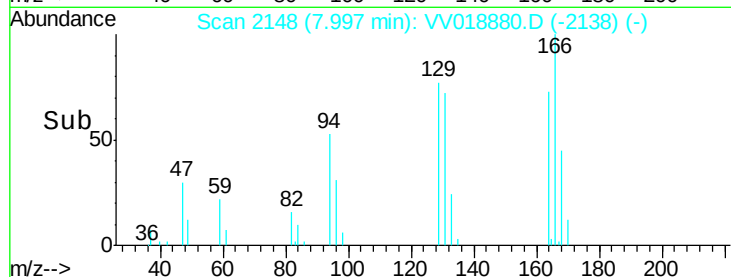
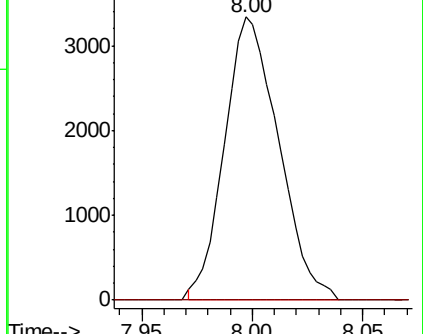
129 100

127 0.0 55.3 102.7#



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: 5.431 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018880.D

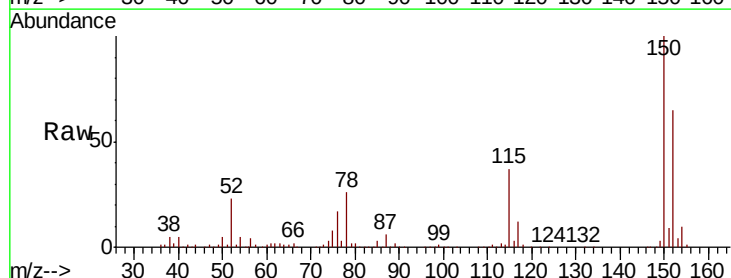
Acq: 13 Oct 2020 16:11

Tgt Ion: 75 Resp: 19113

Ion Ratio Lower Upper

75 100

77 38.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

