

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016880.D
 Acq On : 12 Jun 2020 15:37
 Operator : SY/MD
 Sample : L2947-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE2

Quant Time: Jun 13 01:42:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 01:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326395	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	311729	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151286	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94407	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.98%
7) Chloroethane-d5	1.56	69	71945	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.12%
11) 1,1-Dichloroethene-d2	2.12	63	137159	35.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.94%
21) 2-Butanone-d5	3.89	46	166340	97.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	4.37	84	215414	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.05	65	158483	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
32) Benzene-d6	5.07	84	417326	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
36) 1,2-Dichloropropane-d6	6.09	67	129549	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.50%
41) Toluene-d8	7.34	98	380834	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%
43) trans-1,3-Dichloropropene-	7.64	79	65692	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.11	63	96251	78.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166909	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	165087	51.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.26%

Target Compounds

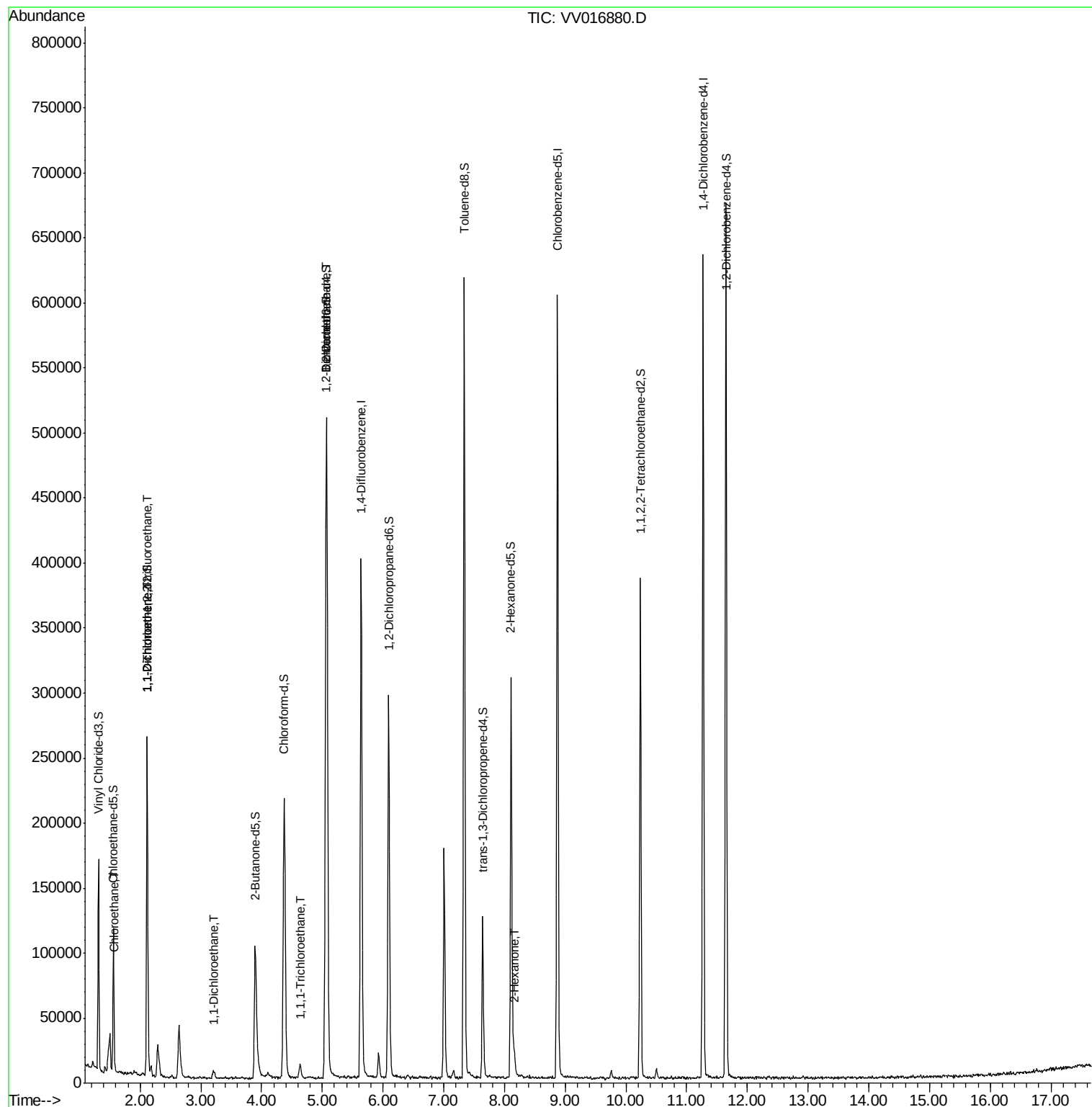
					Ovalue
8) Chloroethane	1.58	64	1240	1.079 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1352	0.779 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1222	0.754 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	5633	1.355 ug/L	95
27) 1,2-Dichloroethane	5.07	62	3257	0.909 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	7489	1.884 ug/L	92
48) 2-Hexanone	8.16	43	9015	3.421 ug/L #	44

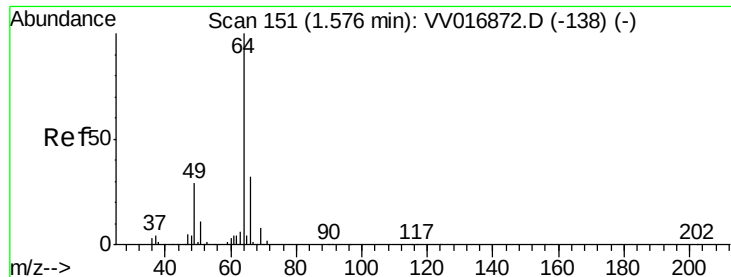
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.079 ug/L

RT: 1.58 min Scan# 152

Delta R.T. 0.00 min

Lab File: VV016880.D

Acq: 12 Jun 2020 15:37

Instrument :

MSVOA_V

ClientSampled :

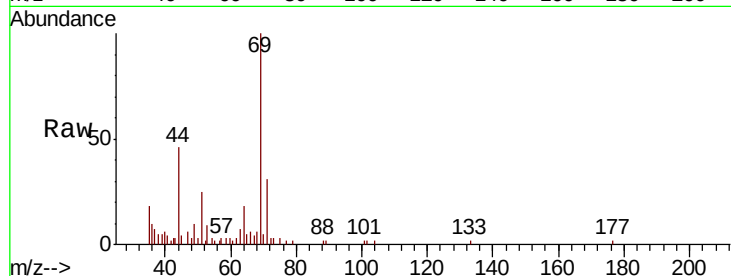
BFXE2

Tot Ion: 64 Resp: 1240

Ion Ratio Lower Upper

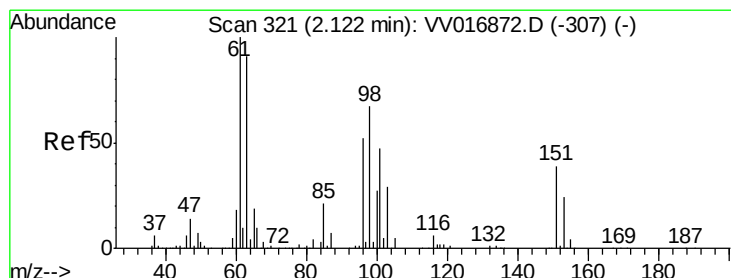
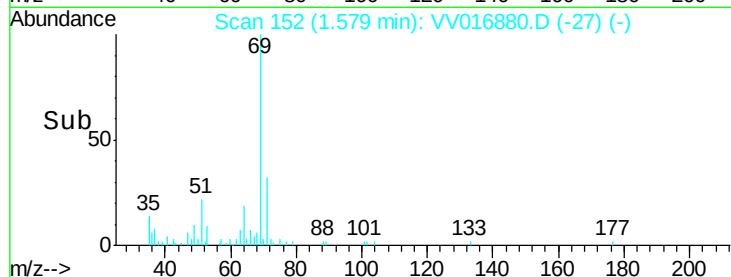
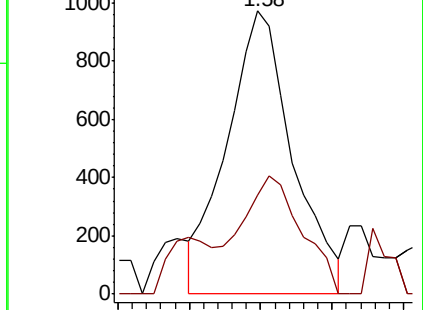
64 100

66 35.1 23.2 43.0



Abundance Ion 64.00 (63.70 to 64.70): VV016880.D (-27) (-)

Ion 66.00 (65.70 to 66.70): VV016880.D (-27) (-)



#10

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

Concen: 0.779 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016880.D

Acq: 12 Jun 2020 15:37

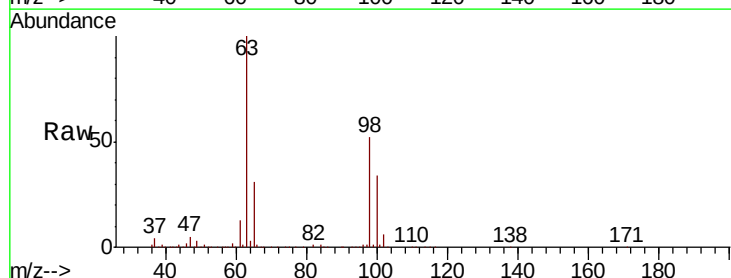
Tgt Ion: 101 Resp: 1352

Ion Ratio Lower Upper

101 100

85 8.5 35.5 53.3#

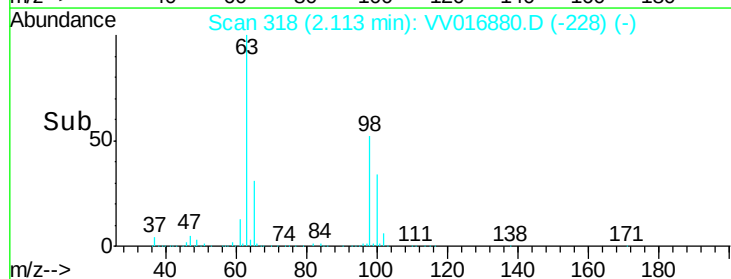
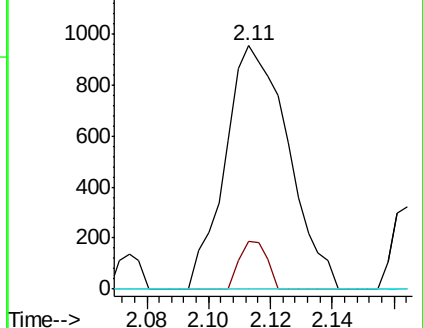
151 0.0 63.9 95.9#

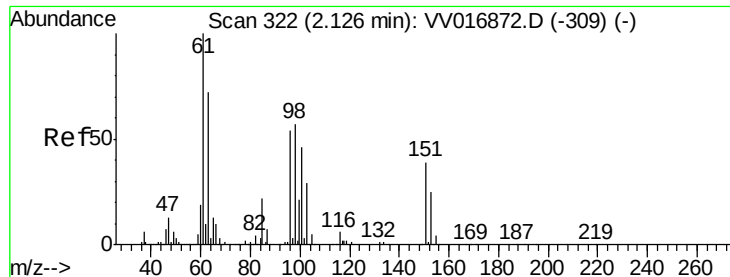


Abundance Ion 101.00 (100.70 to 101.70): VV016880.D (-228) (-)

Ion 85.00 (84.70 to 85.70): VV016880.D (-228) (-)

Ion 151.00 (150.70 to 151.70): VV016880.D (-228) (-)





#12

1,1-Dichloroethene

Concen: 0.754 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016880.D

Acq: 12 Jun 2020 15:37

Instrument :

MSVOA_V

ClientSampled :

BFXE2

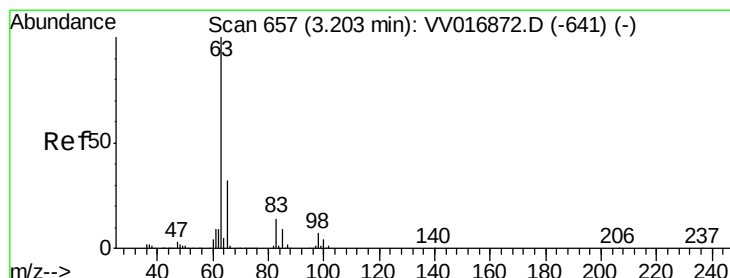
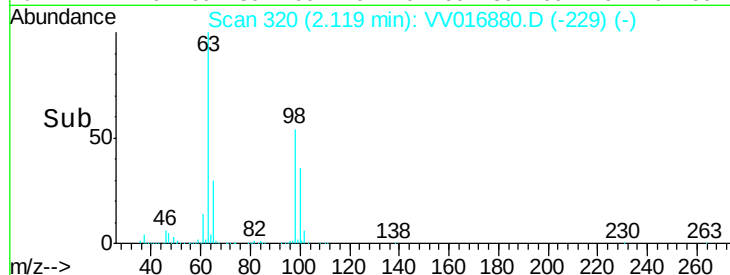
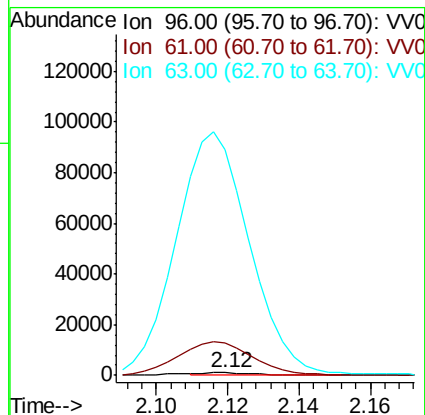
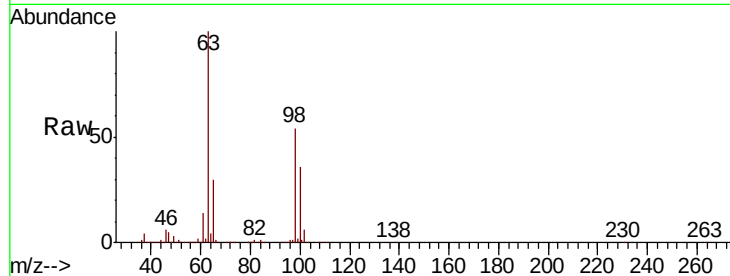
Tot Ion: 96 Resp: 1222

Ion Ratio Lower Upper

96 100

61 1289.9 130.4 242.2#

63 9076.2 103.3 191.9#



#19

1,1-Dichloroethane

Concen: 1.355 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.01 min

Lab File: VV016880.D

Acq: 12 Jun 2020 15:37

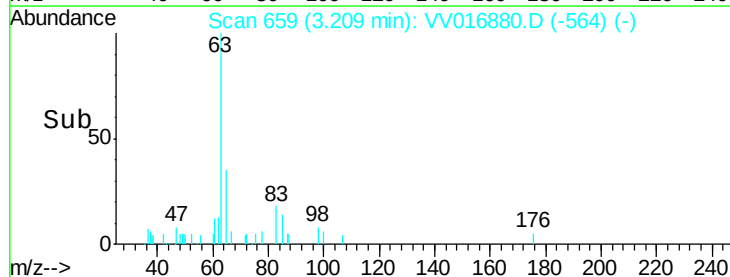
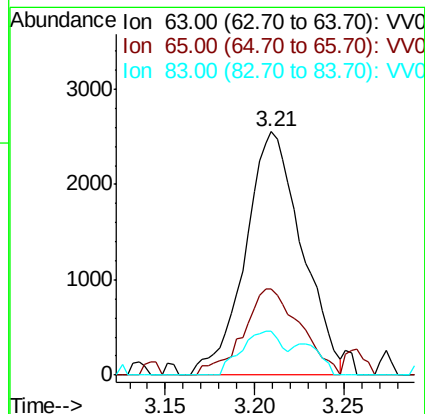
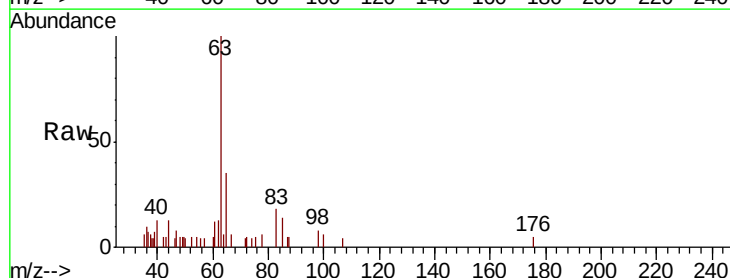
Tgt Ion: 63 Resp: 5633

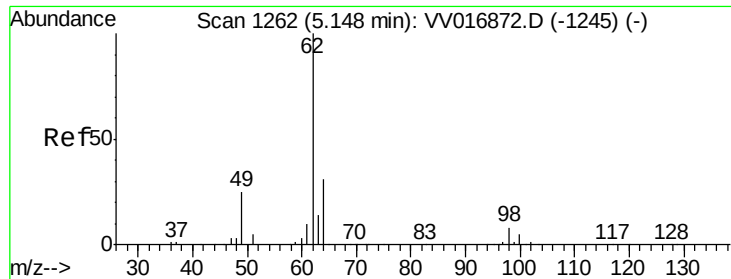
Ion Ratio Lower Upper

63 100

65 35.4 23.2 43.0

83 17.9 10.0 18.6

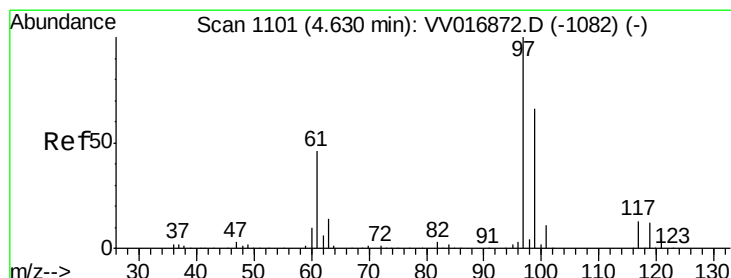
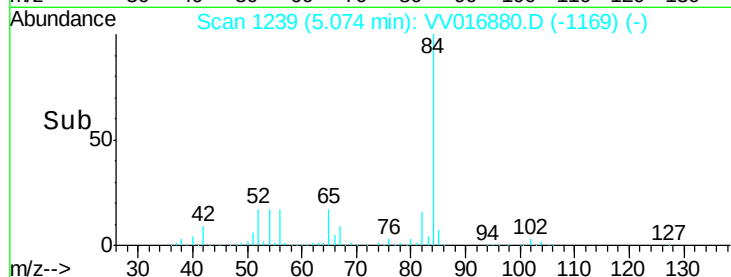
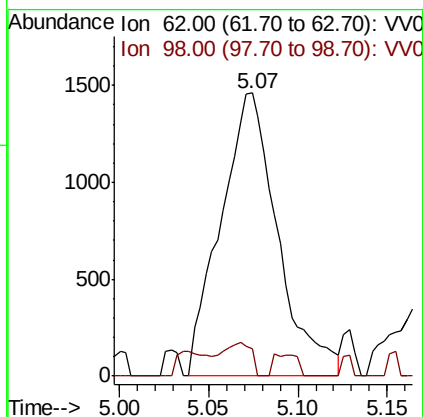
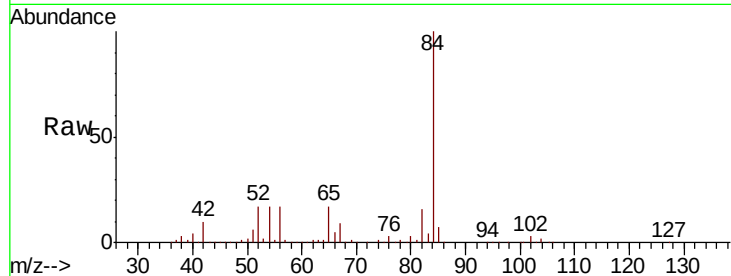




#27
 1,2-Dichloroethane
 Concen: 0.909 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.07 min
 Lab File: VV016880.D
 Acq: 12 Jun 2020 15:37

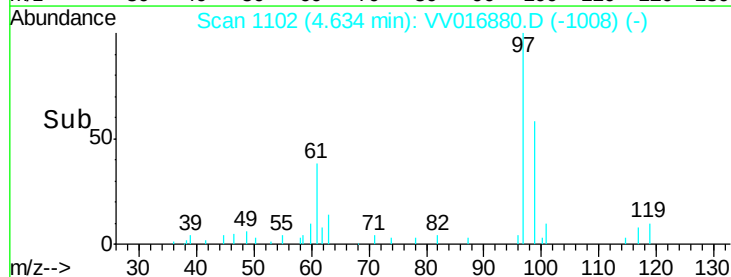
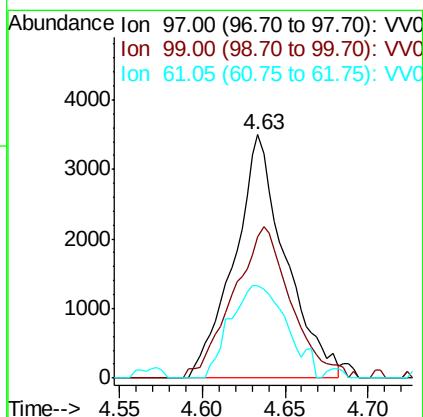
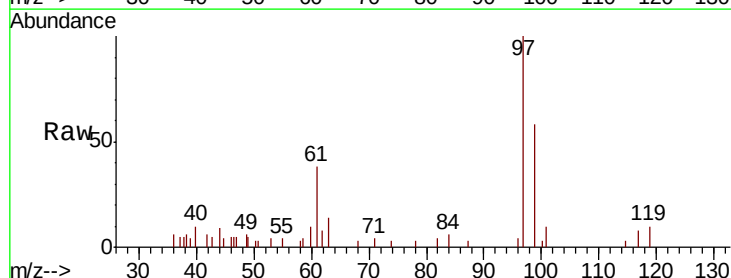
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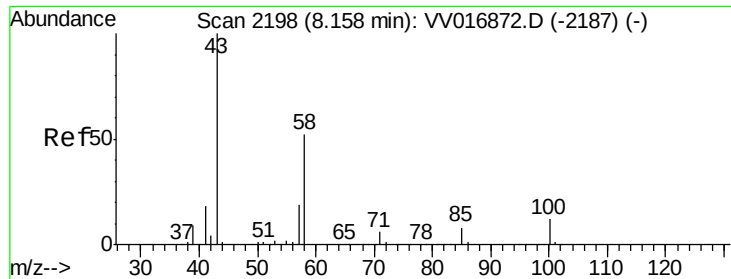
Tot Ion: 62 Resp: 3257
 Ion Ratio Lower Upper
 62 100
 98 9.7 7.4 11.2



#30
 1,1,1-Trichloroethane
 Concen: 1.884 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV016880.D
 Acq: 12 Jun 2020 15:37

Tgt Ion: 97 Resp: 7489
 Ion Ratio Lower Upper
 97 100
 99 69.3 51.3 76.9
 61 39.9 36.7 55.1





#48
 2-Hexanone
 Concen: 3.421 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016880.D
 Acq: 12 Jun 2020 15:37

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE2

Tot Ion:	43	Resp:	9015
Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.1	64.7#
57	7.1	15.3	22.9#
100	4.8	10.0	15.0#

