

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018175.D
 Acq On : 10 Sep 2020 13:08
 Operator : SY/MD
 Sample : L3957-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFX05

Quant Time: Sep 11 01:31:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	255129	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	253489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123624	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109709	52.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.52%
7) Chloroethane-d5	1.58	69	94830	55.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.48%
11) 1,1-Dichloroethene-d2	2.12	63	158474	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.10%
21) 2-Butanone-d5	3.92	46	154443	121.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.36%
24) Chloroform-d	4.38	84	196992	54.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.22%
26) 1,2-Dichloroethane-d4	5.06	65	135464	58.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.16%
32) Benzene-d6	5.08	84	408158	56.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.50%
36) 1,2-Dichloropropane-d6	6.09	67	132782	57.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.18%
41) Toluene-d8	7.34	98	369312	55.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.68%
43) trans-1,3-Dichloropropene-	7.64	79	64193	54.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.58%
47) 2-Hexanone-d5	8.11	63	104449	119.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.59%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169611	58.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	157105	61.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.76%#

Target Compounds

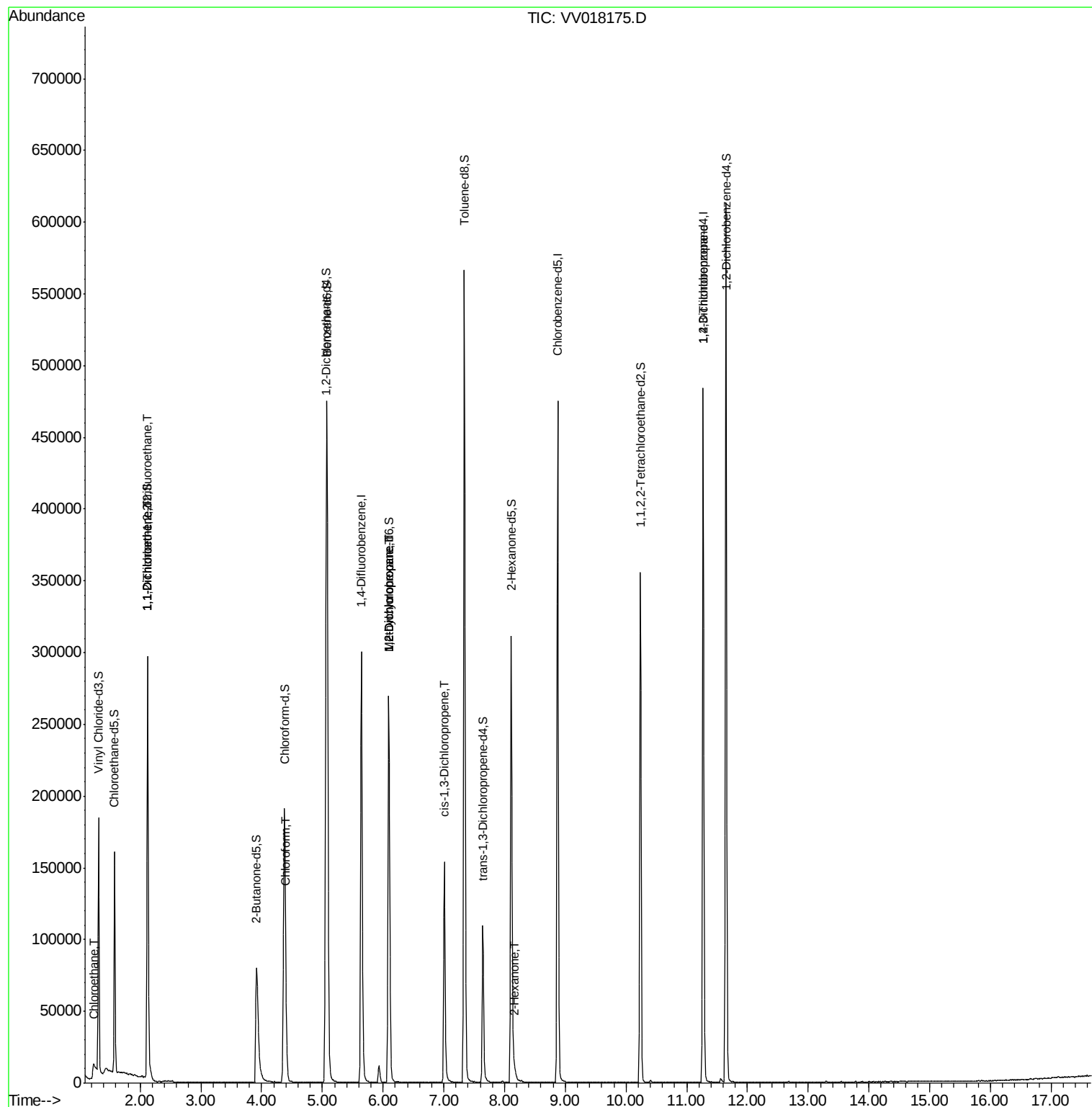
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.24	64	17784	13.628	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1414	0.821	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1210	0.722	ug/L #	1
25) Chloroform	4.41	83	8167	2.461	ug/L	92
35) Methylcyclohexane	6.10	83	31911	10.735	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	14484	7.542	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3531	1.193	ug/L #	63
48) 2-Hexanone	8.17	43	4208	2.291	ug/L #	61
59) 1,2,3-Trichloropropane	11.27	75	13953	6.177	ug/L	89

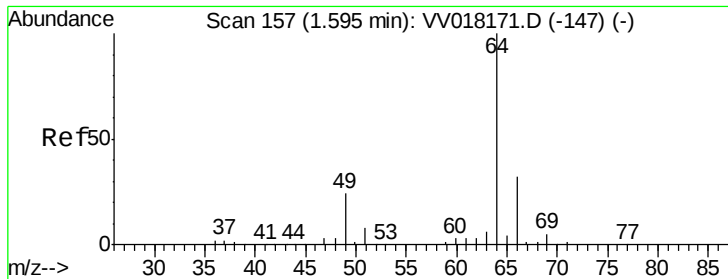
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV091020\
Data File : VV018175.D
Acq On : 10 Sep 2020 13:08
Operator : SY/MD
Sample : L3957-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFX05

Quant Time: Sep 11 01:31:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 11 01:30:09 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 13.628 ug/L

RT: 1.24 min Scan# 46

Delta R.T. -0.36 min

Lab File: VV018175.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_V

ClientSampled :

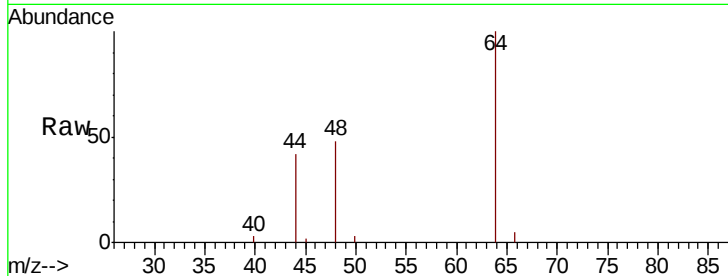
BFX05

Tot Ion: 64 Resp: 17784

Ion Ratio Lower Upper

64 100

66 4.7 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VV018175.D (-147) (-)

Ion 66.00 (65.70 to 66.70): VV018175.D (-147) (-)

1.24

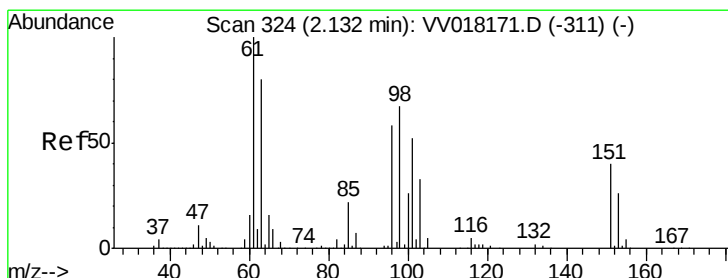
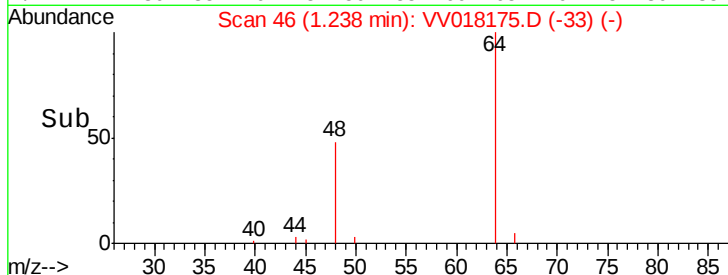
6000

4000

2000

0

Time-->



#10

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

Concen: 0.821 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018175.D

Acq: 10 Sep 2020 13:08

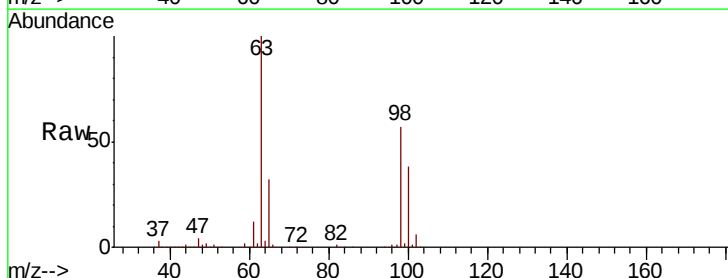
Tgt Ion: 101 Resp: 1414

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): VV018175.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018175.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV018175.D (-311) (-)

1200

1000

800

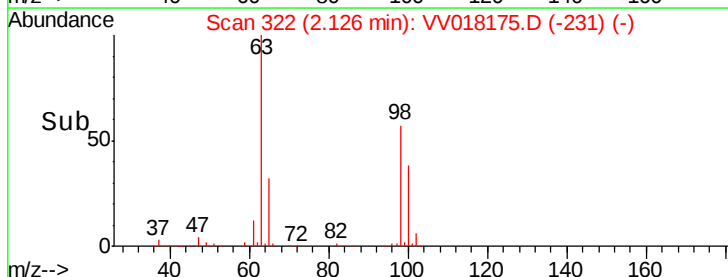
600

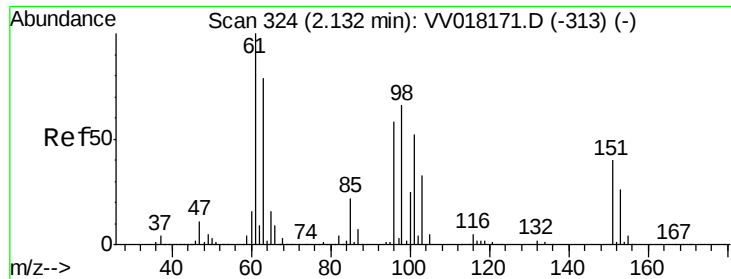
400

200

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.722 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018175.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_V

ClientSampleId :

BFX05

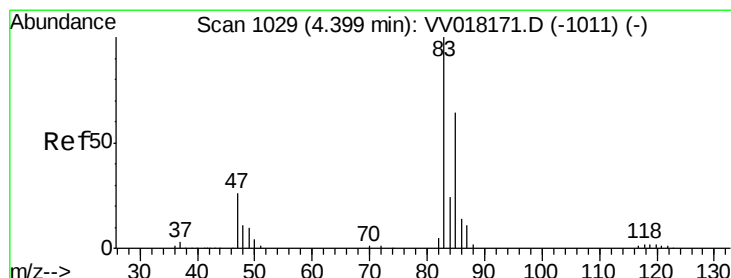
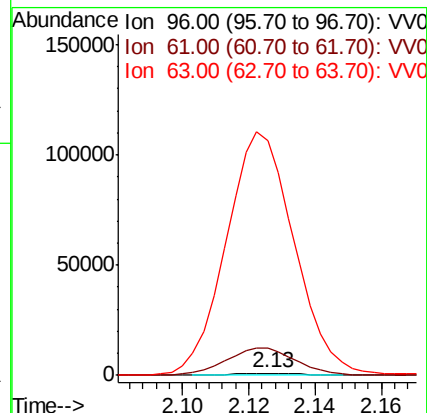
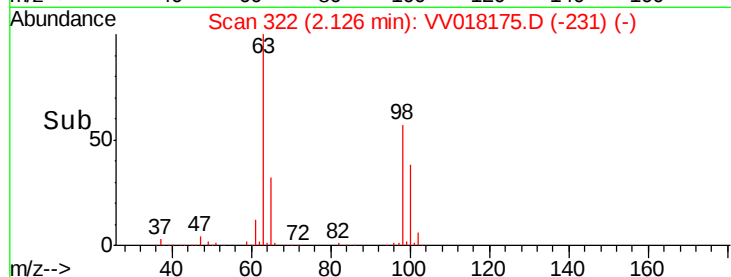
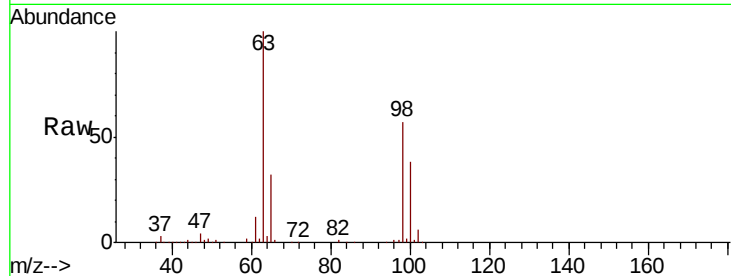
Tot Ion: 96 Resp: 1210

Ion Ratio Lower Upper

96 100

61 1414.2 122.9 228.3#

63 12217.2 91.9 170.7#



#25

Chloroform

Concen: 2.461 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018175.D

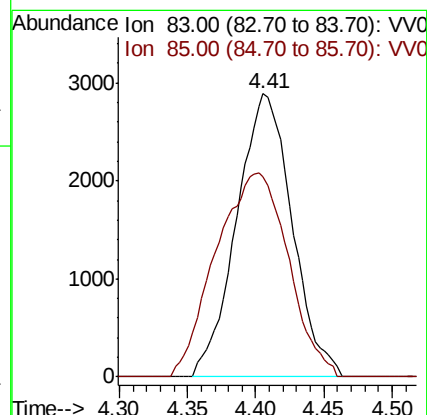
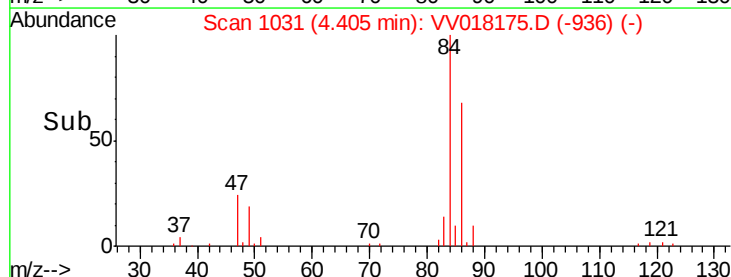
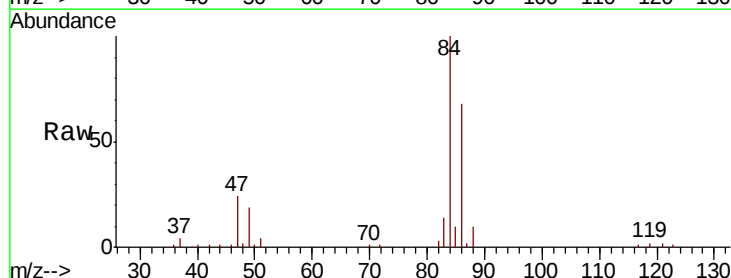
Acq: 10 Sep 2020 13:08

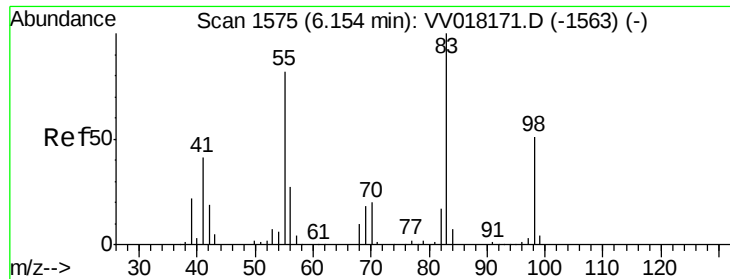
Tgt Ion: 83 Resp: 8167

Ion Ratio Lower Upper

83 100

85 70.7 45.0 83.6

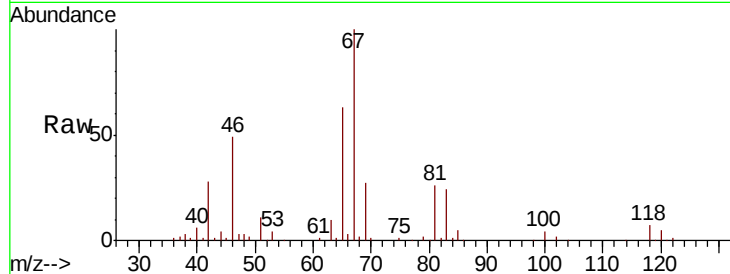




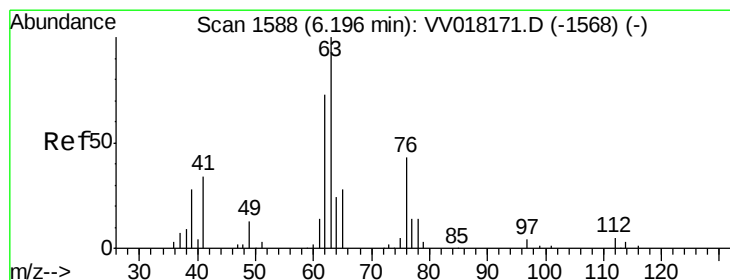
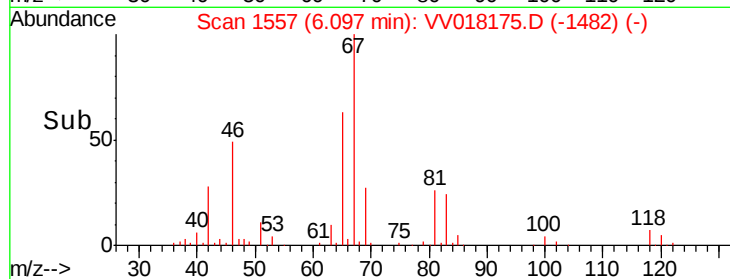
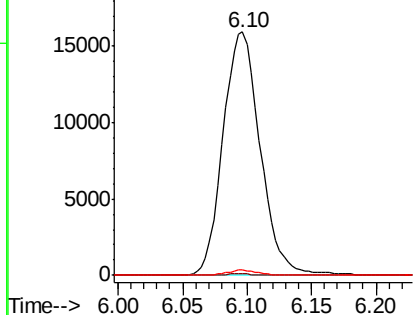
#35
Methvlcvclohexane
Concen: 10.735 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018175.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_V
ClientSampleId :
BFX05

Tot Ion	83	Resp	31911
Ion Ratio	Lower	Upper	
83	100		
55	0.3	63.4	95.2#
98	1.7	38.8	58.2#

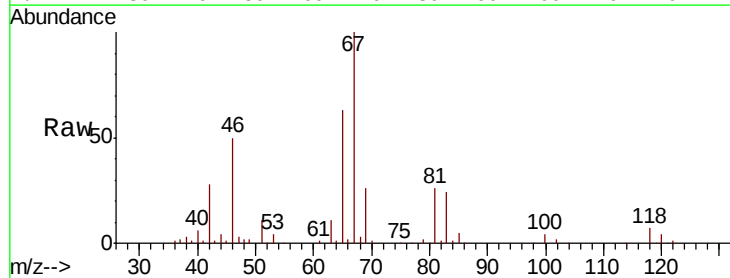


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

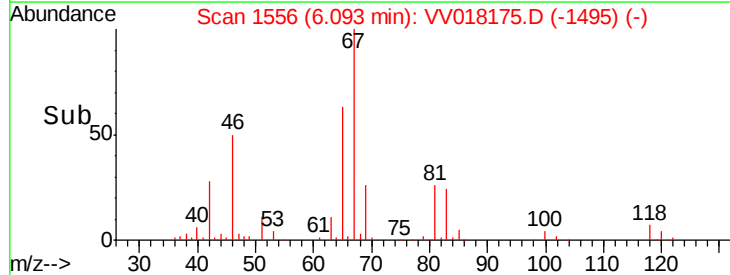
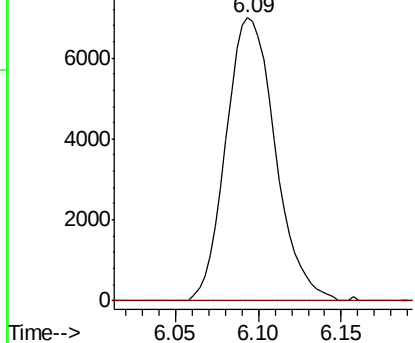


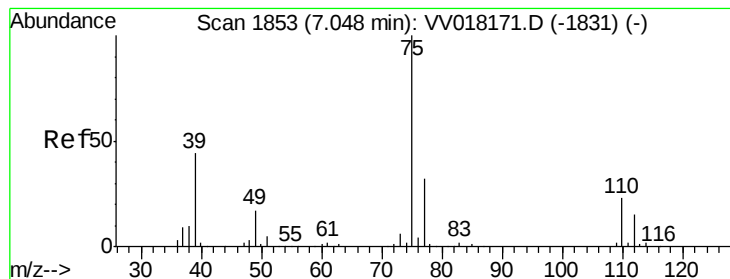
#37
1,2-Dichloropropane
Concen: 7.542 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018175.D
Acq: 10 Sep 2020 13:08

Tgt Ion	63	Resp	14484
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): V





#39

cis-1,3-Dichloropropene

Concen: 1.193 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018175.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_V

ClientSampleId :

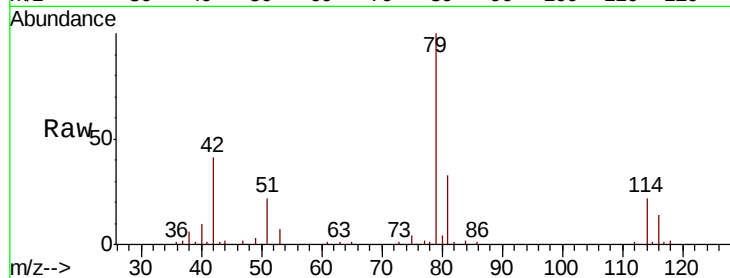
BFX05

Tot Ion: 75 Resp: 3531

Ion Ratio Lower Upper

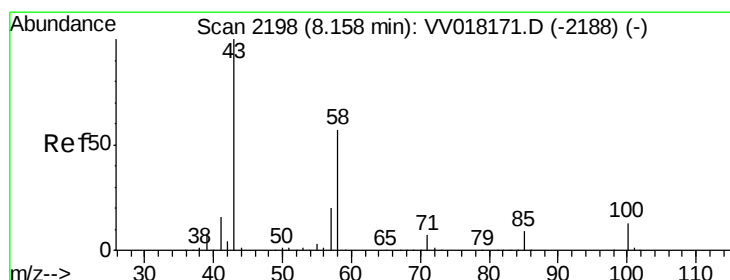
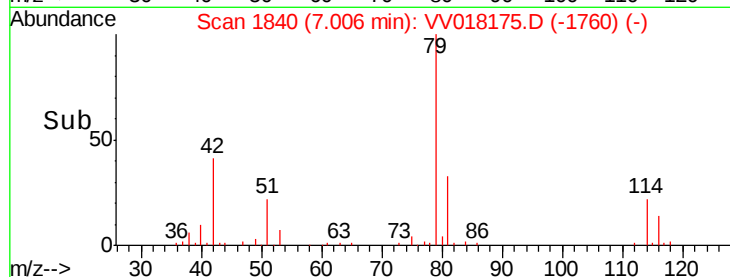
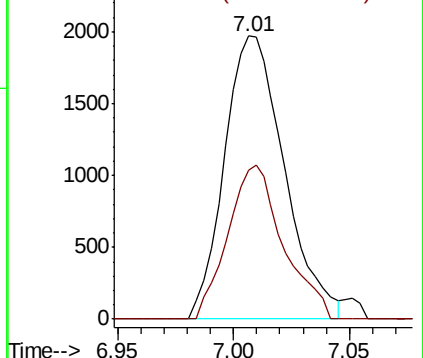
75 100

77 52.6 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 2.291 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV018175.D

Acq: 10 Sep 2020 13:08

Tgt Ion: 43 Resp: 4208

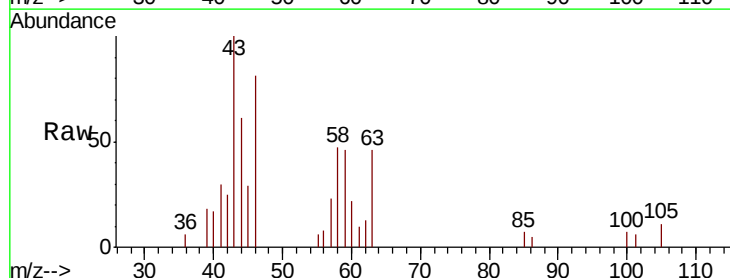
Ion Ratio Lower Upper

43 100

58 18.3 44.8 67.2#

57 24.2 15.8 23.6#

100 1.8 10.2 15.4#

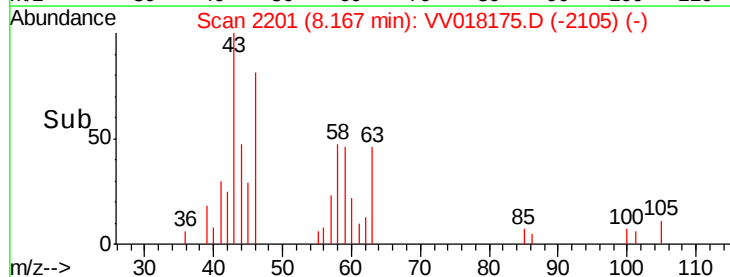
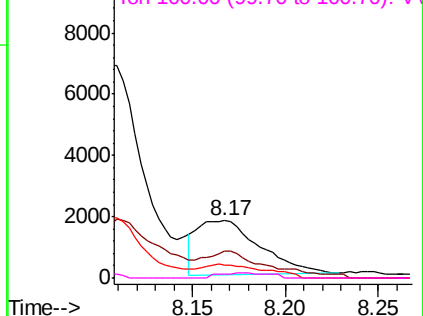


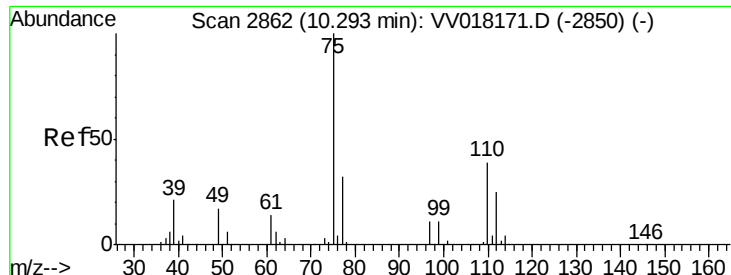
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 6.177 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018175.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_V

ClientSampleId :

BFX05

Tot Ion: 75 Resp: 13953

Ion Ratio Lower Upper

75 100

77 38.3 25.8 38.6

