

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018179.D
 Acq On : 10 Sep 2020 14:38
 Operator : SY/MD
 Sample : L3957-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWR0

Quant Time: Sep 11 01:32:13 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	286504	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141173	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100889	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.42%
7) Chloroethane-d5	1.58	69	88337	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.48%
11) 1,1-Dichloroethene-d2	2.12	63	144970	33.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.70%
21) 2-Butanone-d5	3.91	46	134553	94.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.15%
24) Chloroform-d	4.38	84	183860	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
26) 1,2-Dichloroethane-d4	5.06	65	126446	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
32) Benzene-d6	5.08	84	381172	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.09	67	124225	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.20%
41) Toluene-d8	7.34	98	339450	45.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.64%
43) trans-1,3-Dichloropropene-	7.64	79	60683	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.48%
47) 2-Hexanone-d5	8.11	63	89907	91.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	155119	47.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	147116	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

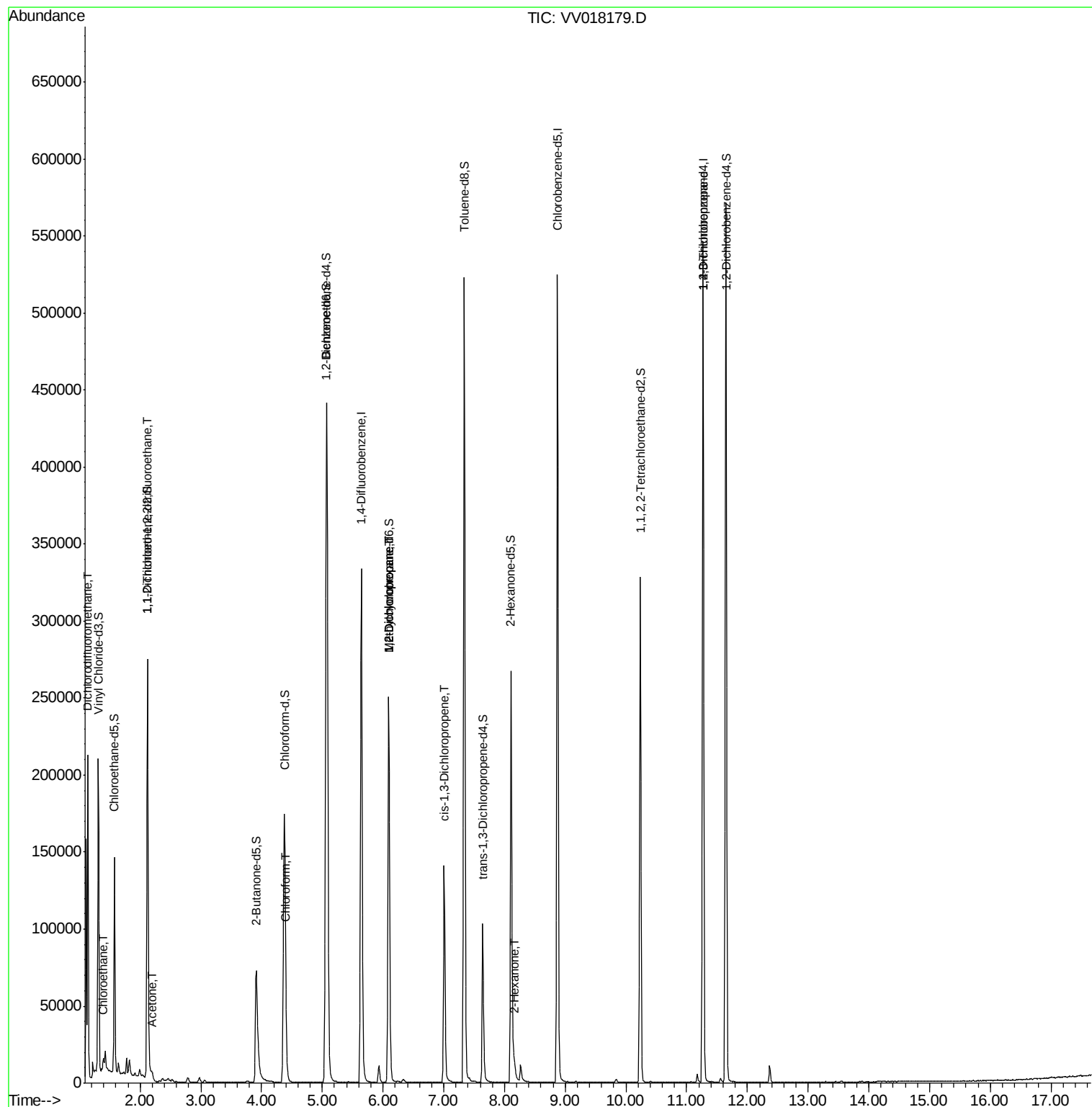
					Ovalue
2) Dichlorodifluoromethane	1.14	85	4161	1.992 ug/L	100
8) Chloroethane	1.41	64	5873	4.008 ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1343	0.695 ug/L #	19
13) Acetone	2.20	43	7572	6.617 ug/L	97
25) Chloroform	4.41	83	8363	2.245 ug/L	98
35) Methylcyclohexane	6.09	83	29264	8.789 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	13252	6.160 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3334	1.006 ug/L #	48
48) 2-Hexanone	8.17	43	6038	2.935 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	15819	6.252 ug/L	93

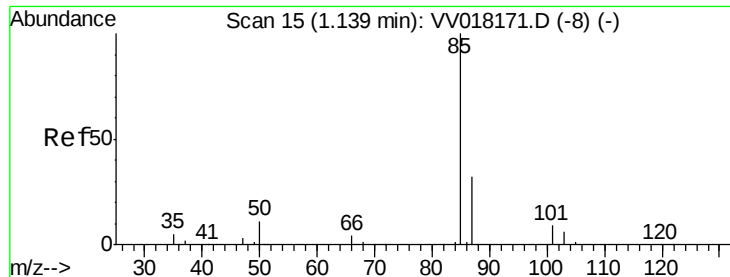
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 11 01:30:09 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 1.992 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV018179.D

Acq: 10 Sep 2020 14:38

Instrument :

MSVOA_V

ClientSampleId :

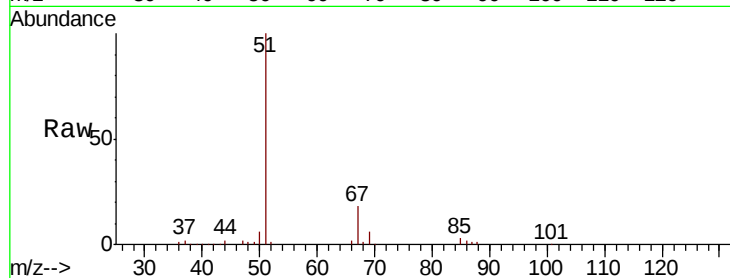
BFWR0

Tot Ion: 85 Resp: 4161

Ion Ratio Lower Upper

85 100

87 32.4 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

4000

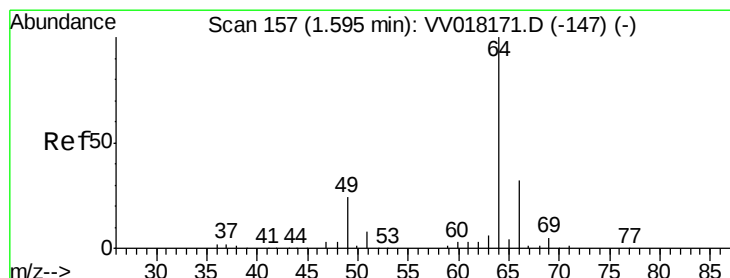
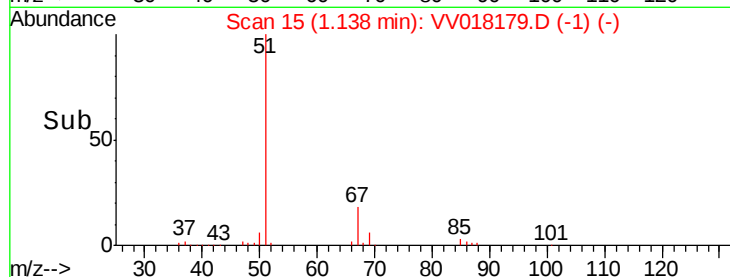
3000

2000

1000

0

Time-->



#8

Chloroethane

Concen: 4.008 ug/L

RT: 1.41 min Scan# 98

Delta R.T. -0.19 min

Lab File: VV018179.D

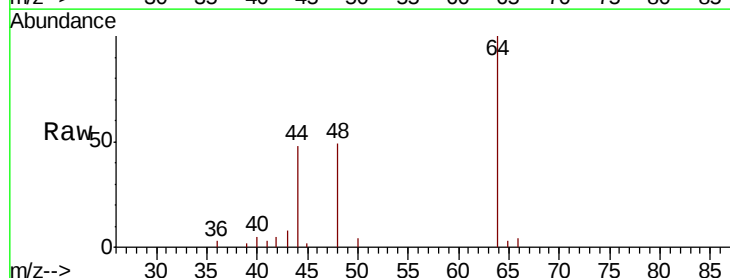
Acq: 10 Sep 2020 14:38

Tgt Ion: 64 Resp: 5873

Ion Ratio Lower Upper

64 100

66 4.4 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0

1.41

6000

5000

4000

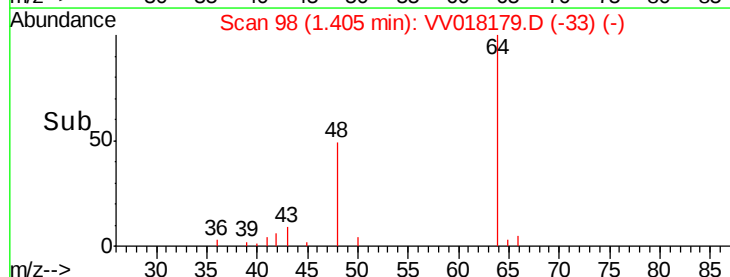
3000

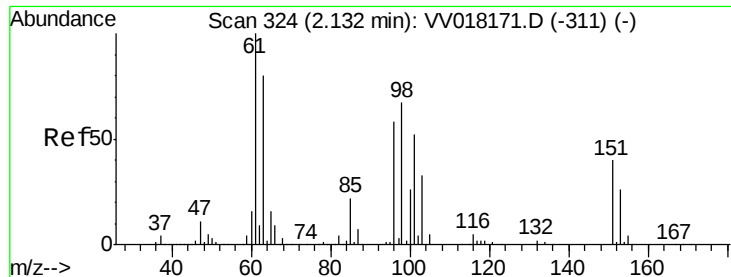
2000

1000

0

Time-->





#10

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

Concen: 0.695 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018179.D

Acq: 10 Sep 2020 14:38

Instrument :

MSVOA_V

ClientSampleId :

BFWR0

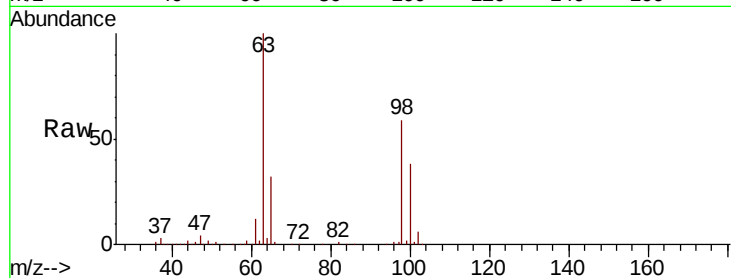
Tot Ion:101 Resp: 1343

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

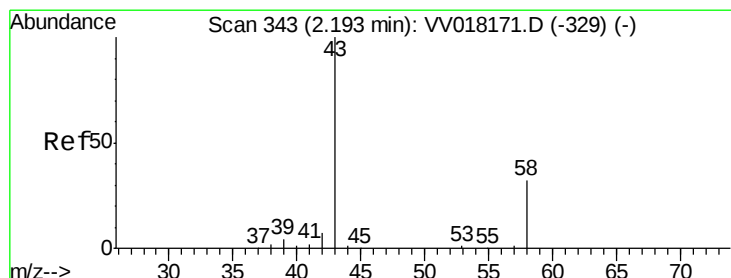
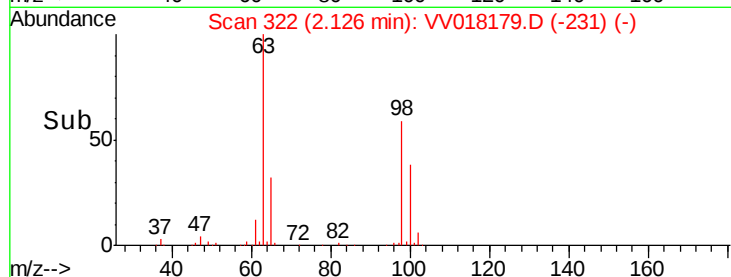
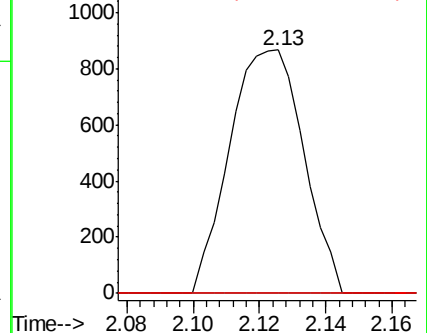
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.617 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV018179.D

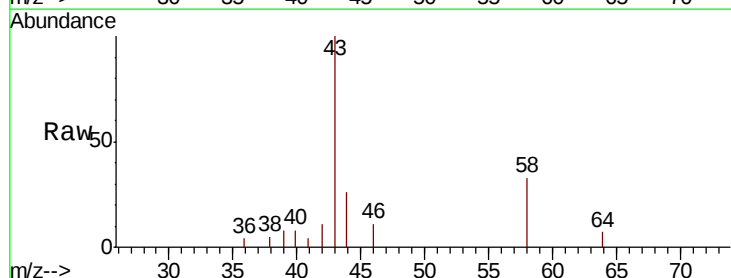
Acq: 10 Sep 2020 14:38

Tgt Ion: 43 Resp: 7572

Ion Ratio Lower Upper

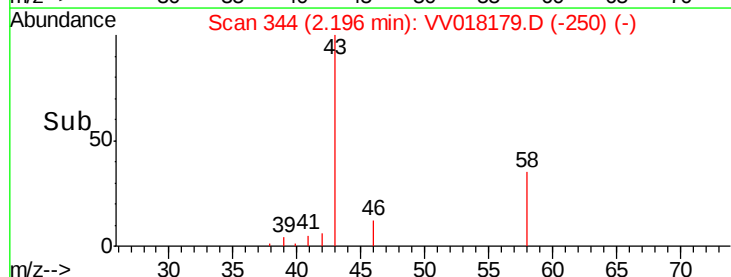
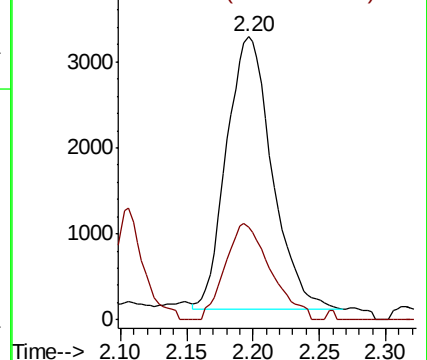
43 100

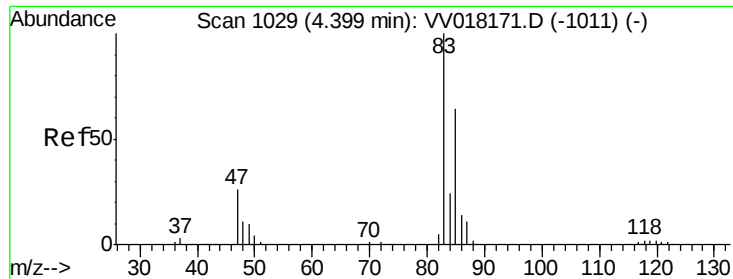
58 35.3 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

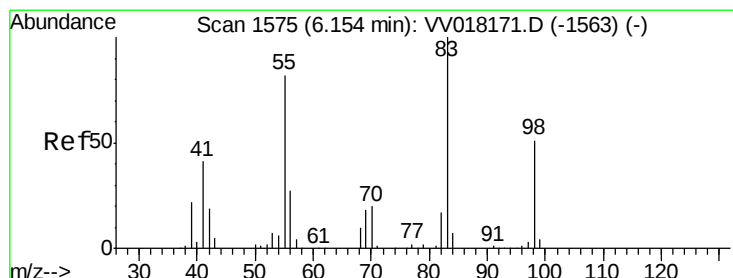
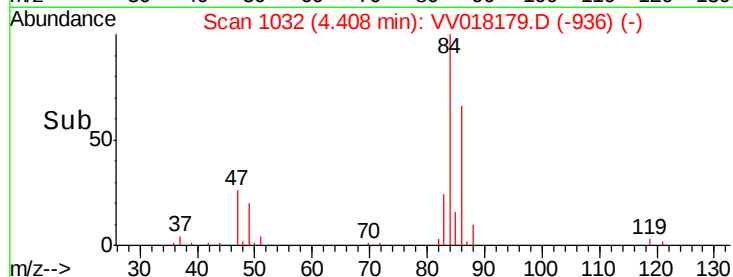
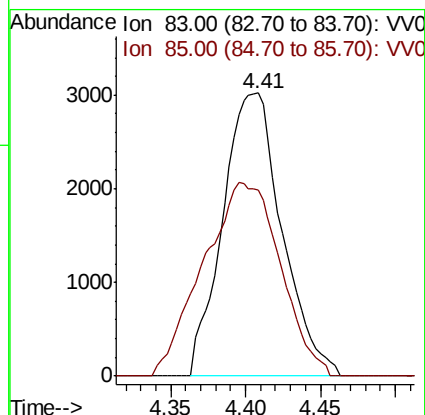
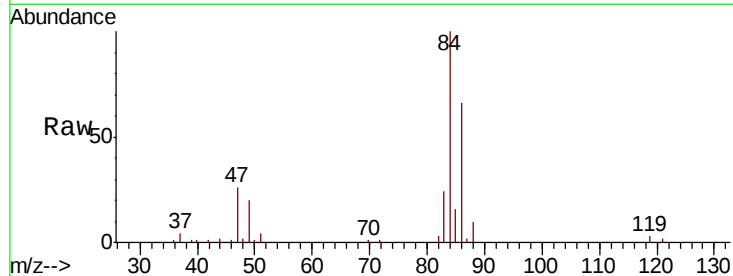




#25
Chloroform
Concen: 2.245 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV018179.D
Acq: 10 Sep 2020 14:38

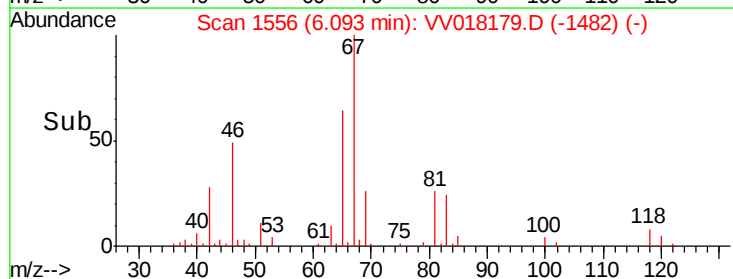
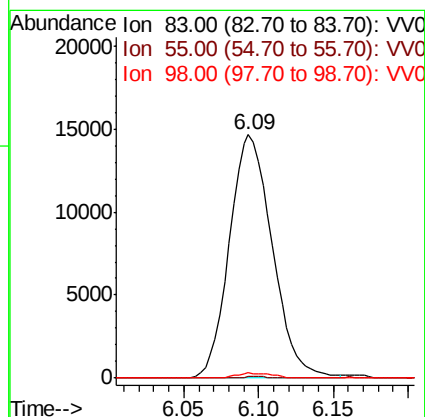
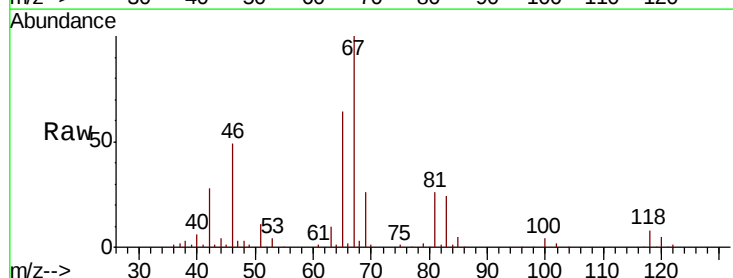
Instrument :
MSVOA_V
ClientSampleId :
BFWR0

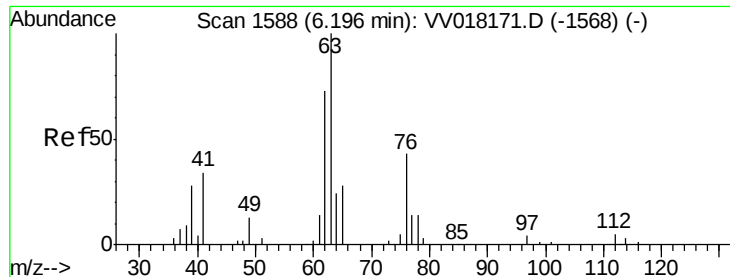
Tot Ion: 83 Resp: 8363
Ion Ratio Lower Upper
83 100
85 65.7 45.0 83.6



#35
Methylcyclohexane
Concen: 8.789 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018179.D
Acq: 10 Sep 2020 14:38

Tgt Ion: 83 Resp: 29264
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.7 38.8 58.2#

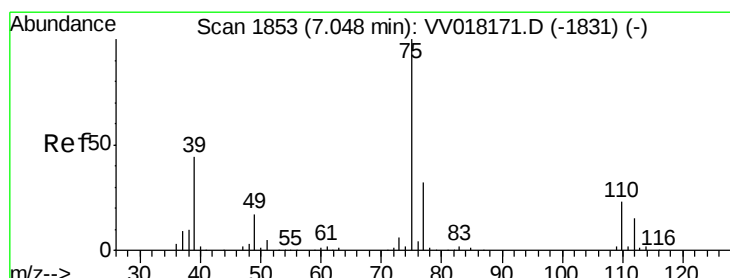
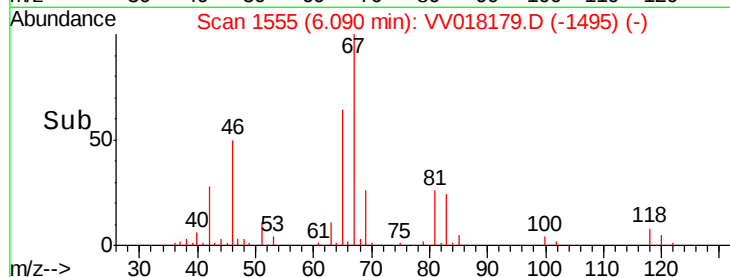
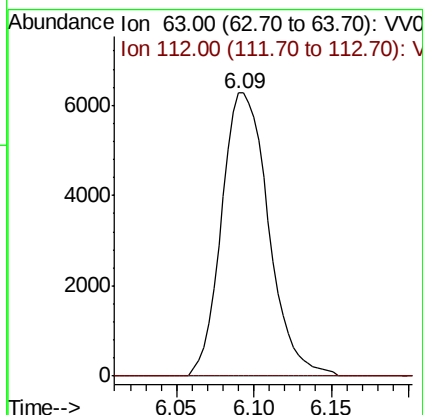
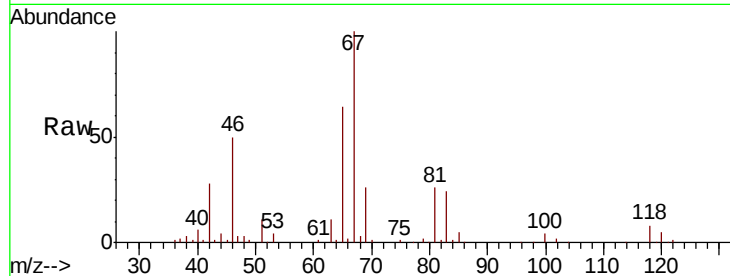




#37
 1,2-Dichloropropane
 Concen: 6.160 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018179.D
 Acq: 10 Sep 2020 14:38

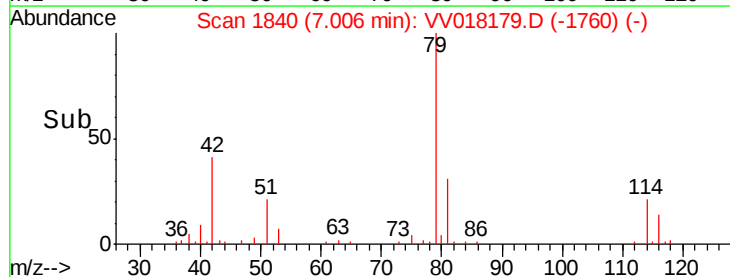
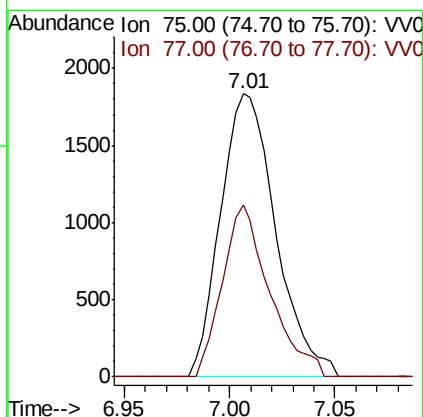
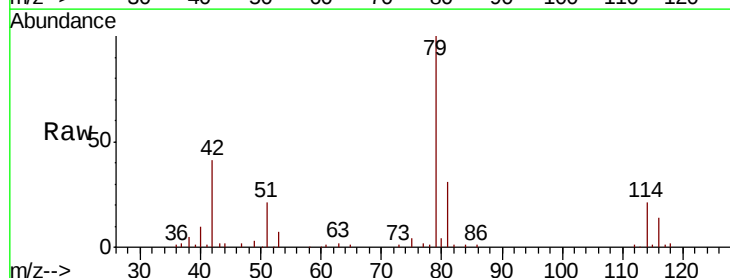
Instrument :
 MSVOA_V
 ClientSampleId :
 BFWR0

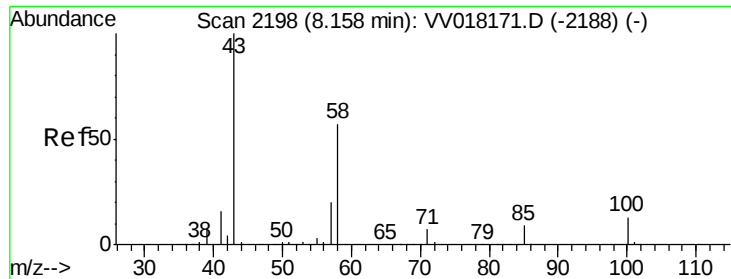
Tot Ion: 63 Resp: 13252
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.006 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018179.D
 Acq: 10 Sep 2020 14:38

Tgt Ion: 75 Resp: 3334
 Ion Ratio Lower Upper
 75 100
 77 60.6 22.3 41.3#

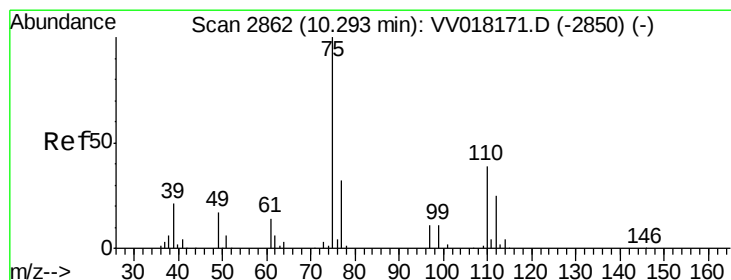
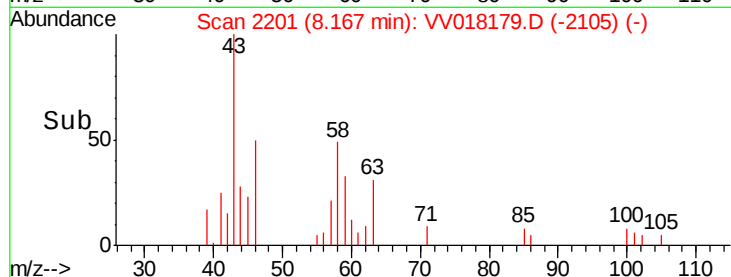
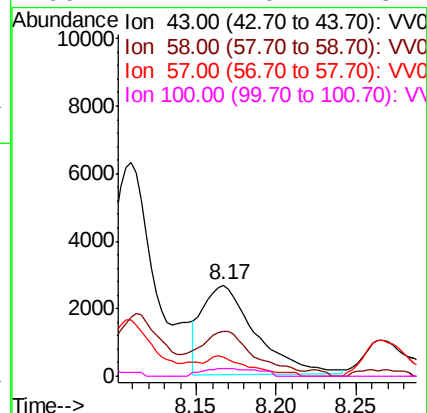
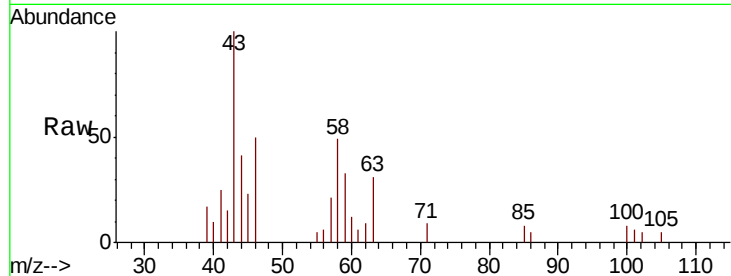




#48
2-Hexanone
Concen: 2.935 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV018179.D
Acq: 10 Sep 2020 14:38

Instrument :
MSVOA_V
ClientSampled :
BFWR0

Tot Ion: 43 Resp: 6038
Ion Ratio Lower Upper
43 100
58 47.9 44.8 67.2
57 12.6 15.8 23.6#
100 7.2 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.252 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018179.D
Acq: 10 Sep 2020 14:38

Tgt Ion: 75 Resp: 15819
Ion Ratio Lower Upper
75 100
77 35.9 25.8 38.6

