

Data File : VV014138.D
Acq On : 19 Dec 2019 18:36
Operator : SY/MD
Sample : K6286-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDY6

Quant Time: Dec 20 07:17:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 07:12:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	371263	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	156395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88603	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.58	69	88602	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.13	63	115946	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.93	46	287169	60.12	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.24%
24) Chloroform-d	4.40	84	207953	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	106567	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.09	84	355336	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
36) 1,2-Dichloropropane-d6	6.11	67	123419	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.36	98	264058	3.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.40%#
43) trans-1,3-Dichloropropene-	7.66	79	40770	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.13	63	182288	45.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.42%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	94022	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	122940	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

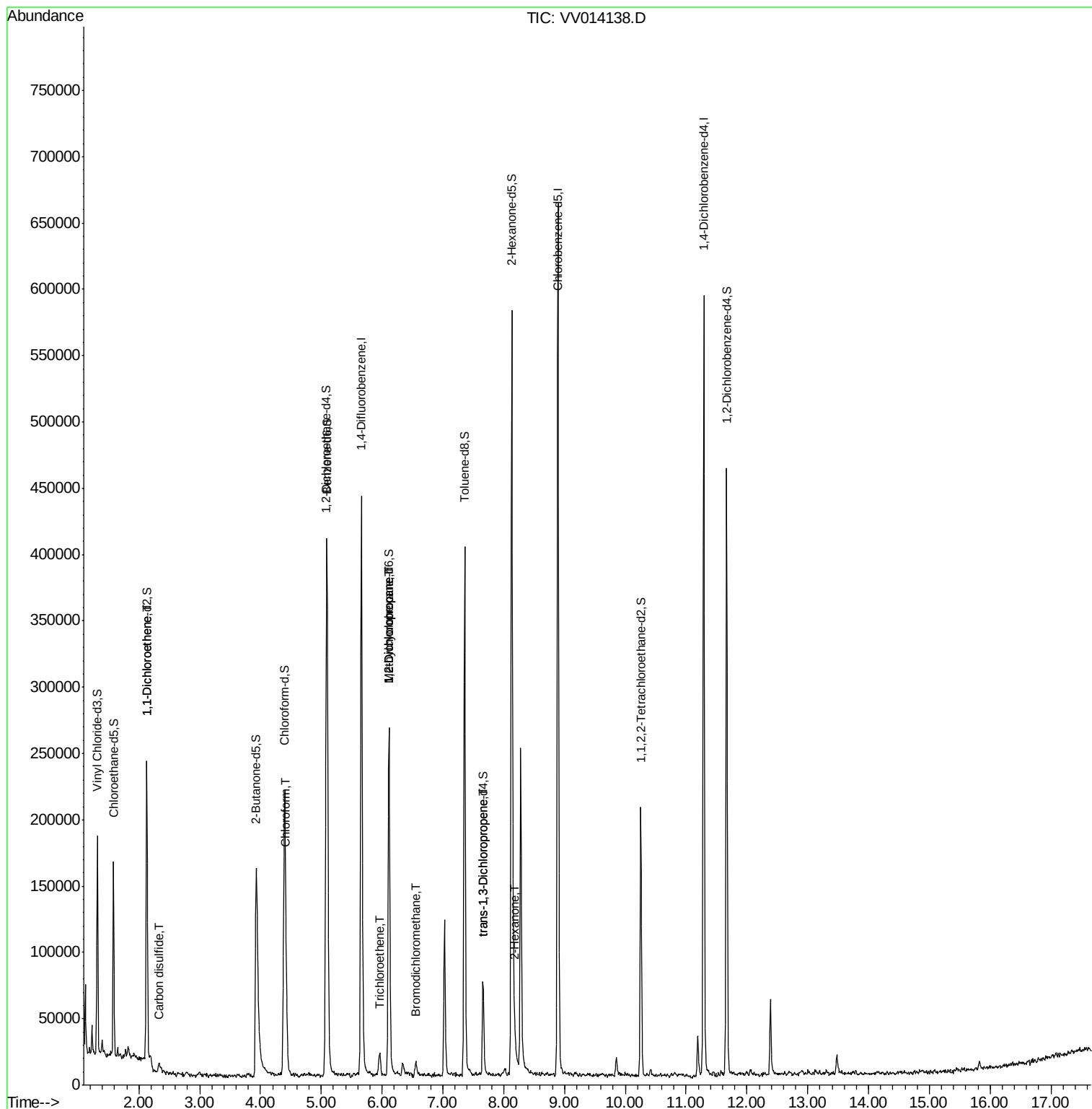
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1473	0.083 ug/L #	1
14) Carbon disulfide	2.32	76	2172	0.053 ug/L #	50
25) Chloroform	4.42	83	40578	0.951 ug/L	100
34) Trichloroethene	5.96	95	5059	0.207 ug/L	92
35) Methylcyclohexane	6.11	83	30249	0.927 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	13694	0.601 ug/L #	86
38) Bromodichloromethane	6.56	83	6092	0.203 ug/L #	96
44) trans-1,3-Dichloropropene	7.66	75	1788	0.071 ug/L #	73
48) 2-Hexanone	8.18	43	7429	0.783 ug/L #	89

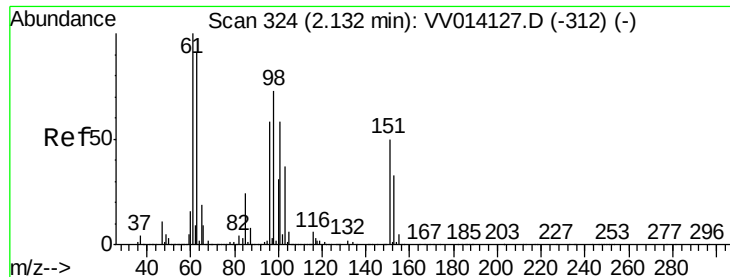
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV014138.D

Acq: 19 Dec 2019 18:36

Instrument :

MSVOA_V

ClientSampled :

BFDY6

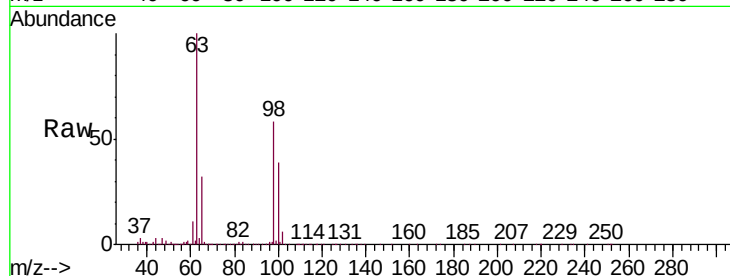
Tgt Ion: 96 Resp: 1473

Ion Ratio Lower Upper

96 100

61 1003.0 116.3 215.9#

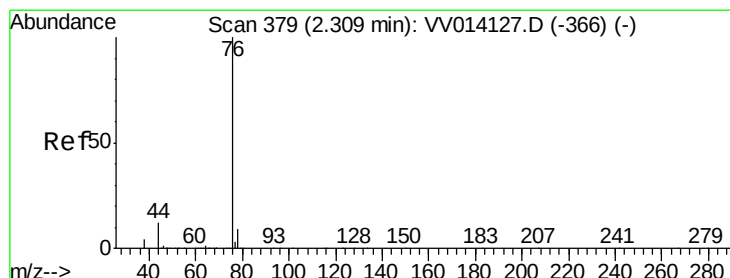
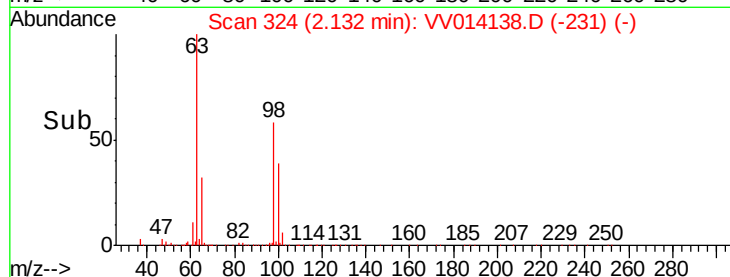
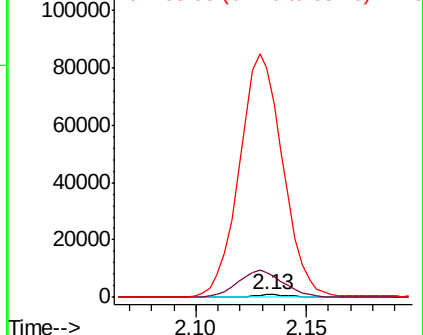
63 9173.3 96.7 179.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#14

Carbon disulfide

Concen: 0.053 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV014138.D

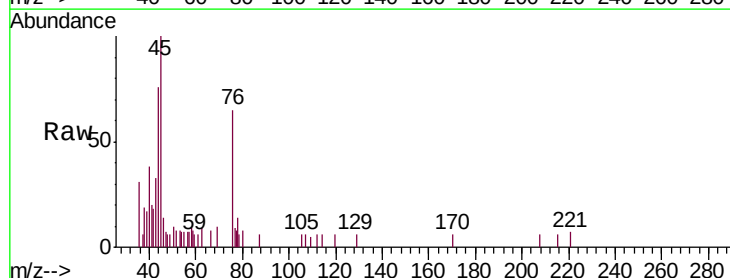
Acq: 19 Dec 2019 18:36

Tgt Ion: 76 Resp: 2172

Ion Ratio Lower Upper

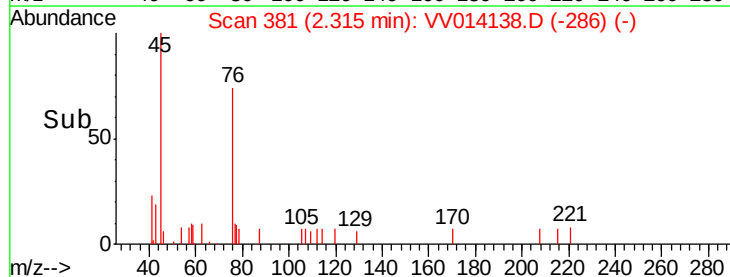
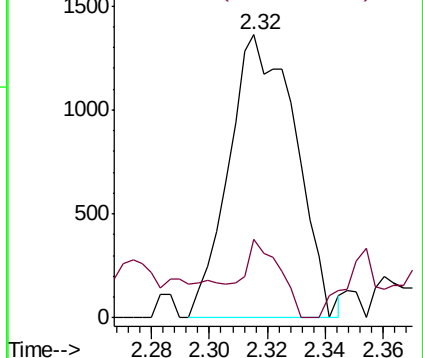
76 100

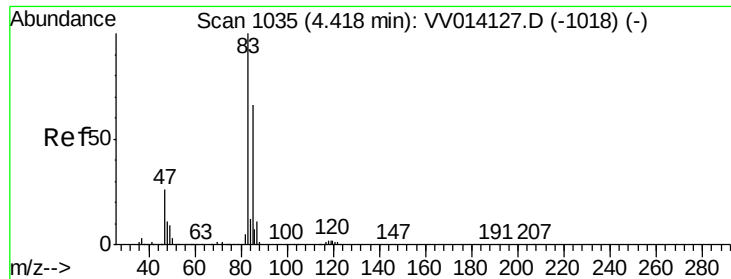
78 27.6 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#25

Chloroform

Concen: 0.951 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014138.D

Acq: 19 Dec 2019 18:36

Instrument :

MSVOA_V

ClientSampleId :

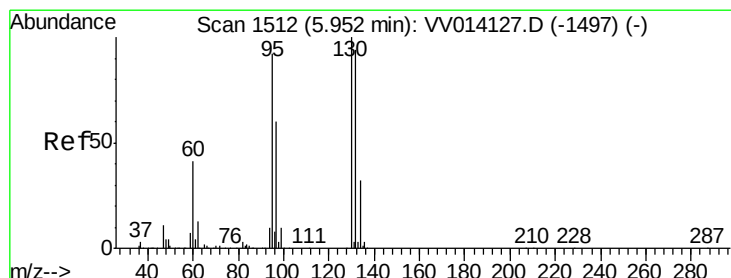
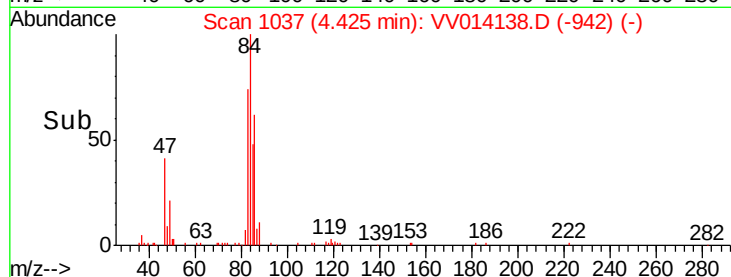
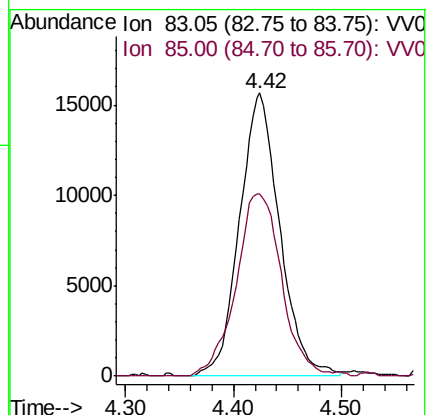
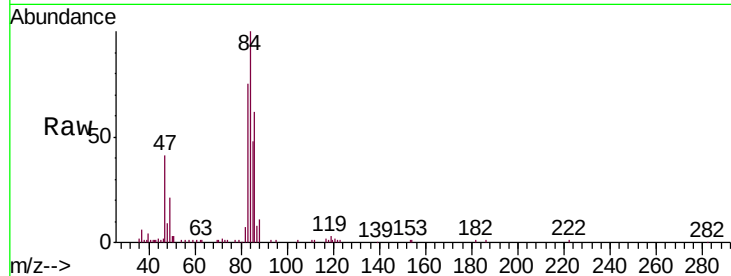
BFDY6

Tgt Ion: 83 Resp: 40578

Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.7



#34

Trichloroethene

Concen: 0.207 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VV014138.D

Acq: 19 Dec 2019 18:36

Tgt Ion: 95 Resp: 5059

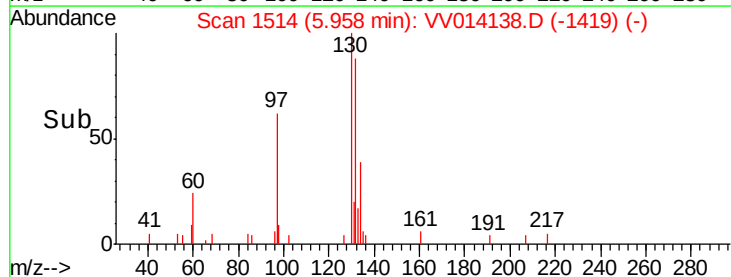
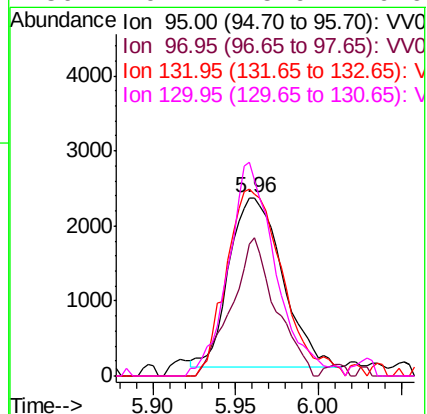
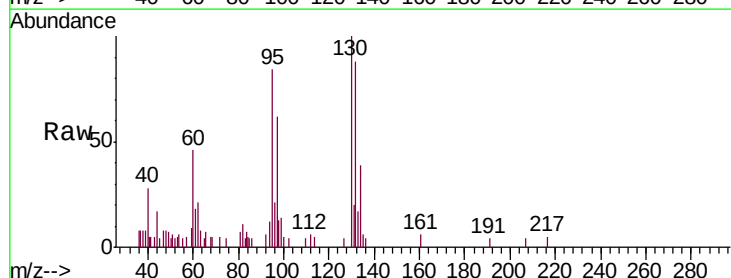
Ion Ratio Lower Upper

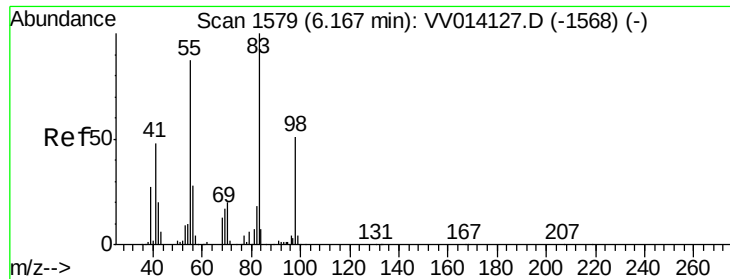
95 100

97 74.0 45.6 84.8

132 104.8 70.5 130.9

130 119.7 75.9 140.9

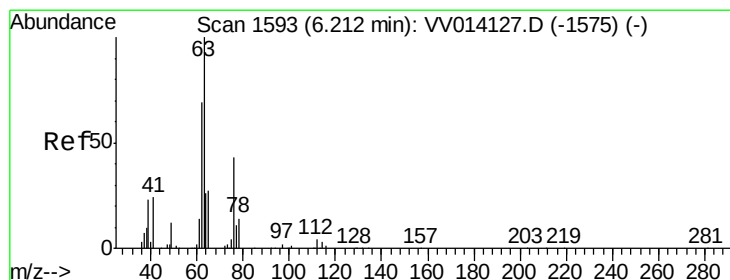
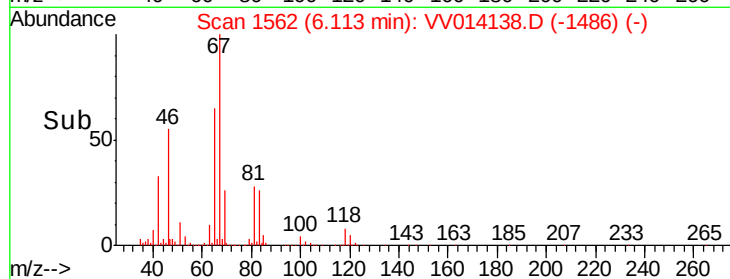
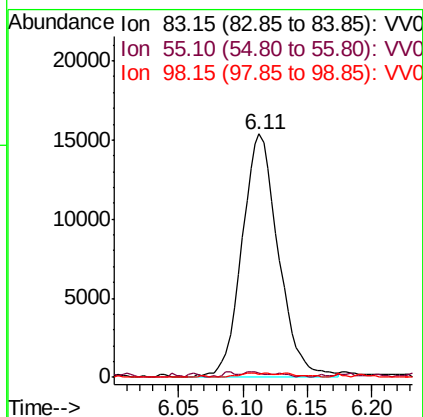
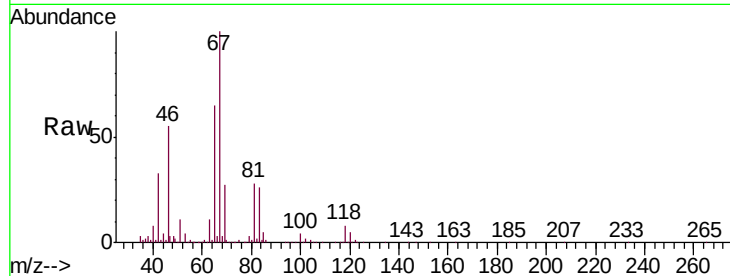




#35
Methylcyclohexane
Concen: 0.927 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV014138.D
Acq: 19 Dec 2019 18:36

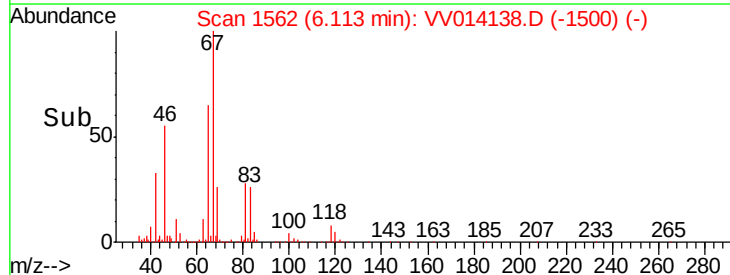
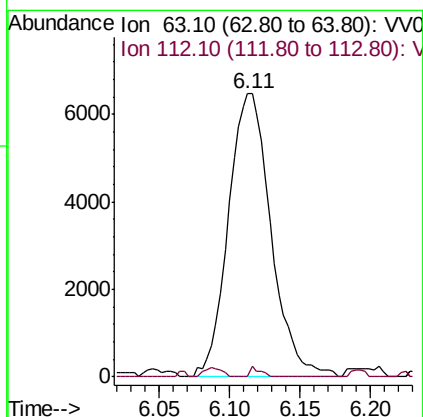
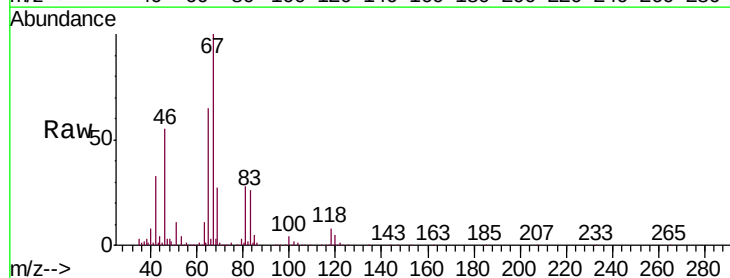
Instrument :
MSVOA_V
ClientSampleId :
BFDY6

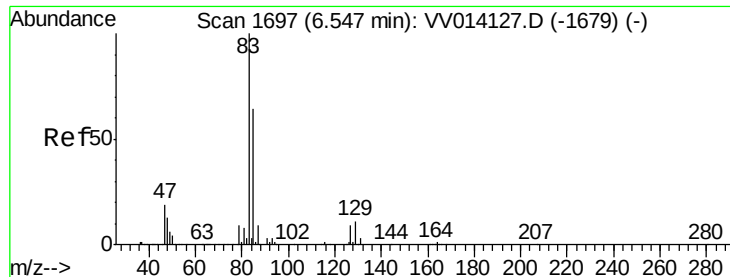
Tgt Ion: 83 Resp: 30249
Ion Ratio Lower Upper
83 100
55 0.8 60.3 90.5#
98 1.0 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014138.D
Acq: 19 Dec 2019 18:36

Tgt Ion: 63 Resp: 13694
Ion Ratio Lower Upper
63 100
112 0.9 4.4 6.6#





#38

Bromodichloromethane

Concen: 0.203 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.01 min

Lab File: VV014138.D

Acq: 19 Dec 2019 18:36

Instrument :

MSVOA_V

ClientSampleId :

BFDY6

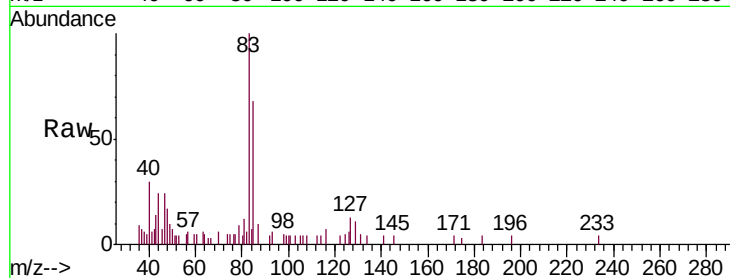
Tgt Ion: 83 Resp: 6092

Ion Ratio Lower Upper

83 100

85 68.1 46.1 85.5

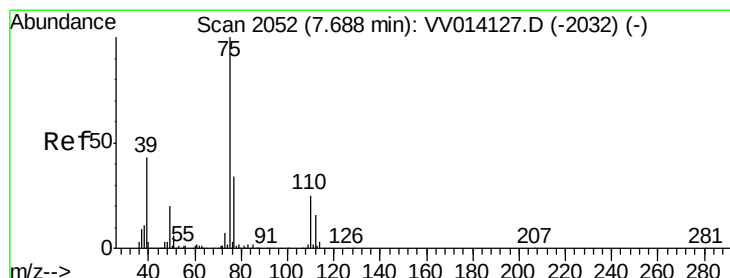
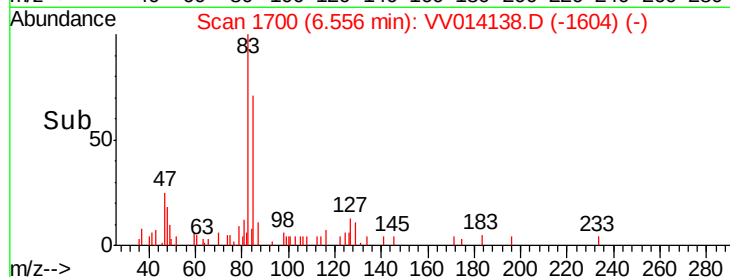
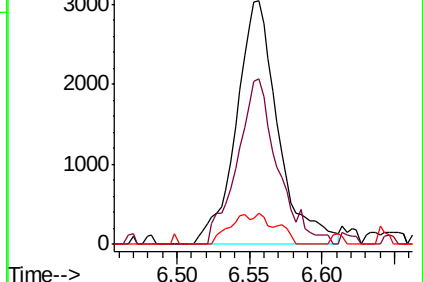
127 12.7 7.5 11.3#



Abundance Ion 82.95 (82.65 to 83.65): VV014138.D (-1692) (-)

Ion 85.00 (84.70 to 85.70): VV014138.D (-1692) (-)

Ion 126.90 (126.60 to 127.60): VV014138.D (-1692) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.03 min

Lab File: VV014138.D

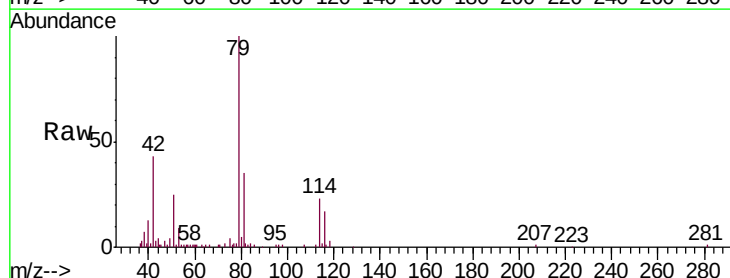
Acq: 19 Dec 2019 18:36

Tgt Ion: 75 Resp: 1788

Ion Ratio Lower Upper

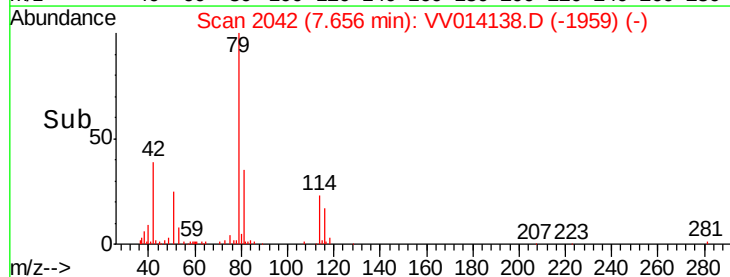
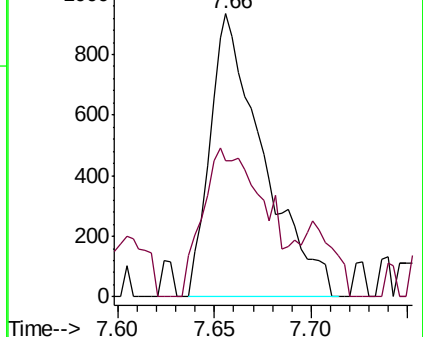
75 100

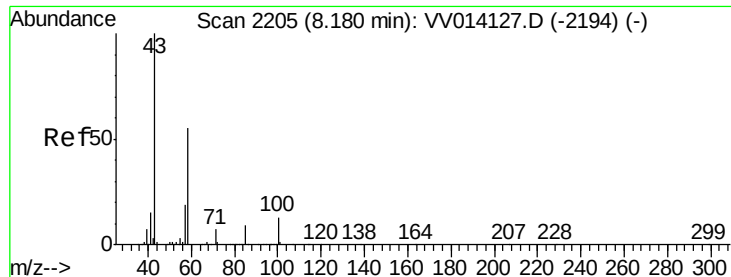
77 48.3 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV014138.D (-1959) (-)

Ion 77.05 (76.75 to 77.75): VV014138.D (-1959) (-)





#48

2-Hexanone

Concen: 0.783 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

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Acq: 19 Dec 2019 18:36

Instrument :
MSVOA_V
ClientSampleId :
BFDY6

Tgt Ion: 43 Resp: 7429

Ion Ratio Lower Upper

43 100

58 43.7 43.2 64.8

57 17.9 15.4 23.2

100 9.5 10.4 15.6#

