

Data File : VV014052.D
Acq On : 13 Dec 2019 14:38
Operator : SY/MD
Sample : K6281-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRB8

Quant Time: Dec 14 03:28:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 14 03:25:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	382670	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	374335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	159158	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104322	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	96163	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	132173	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.96	46	244455	49.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.30%
24) Chloroform-d	4.40	84	202774	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.08	65	103614	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	378422	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	6.11	67	126054	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.36	98	286559	3.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.20%#
43) trans-1,3-Dichloropropene-	7.66	79	40844	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.14	63	147659	35.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90531	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	129571	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

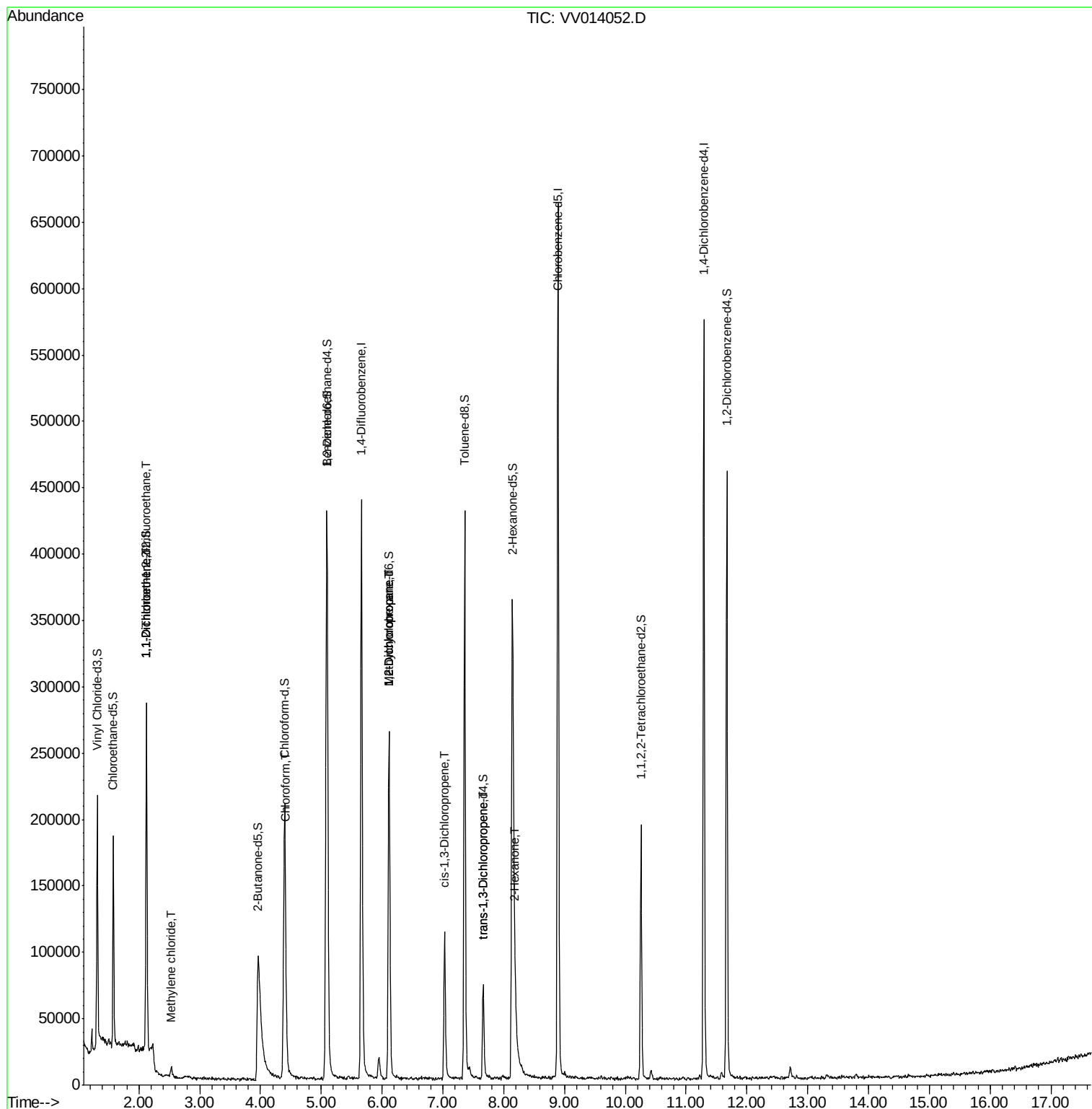
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1630	0.077	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1437	0.078	ug/L #	1
16) Methylene chloride	2.53	84	3283	0.130	ug/L	98
25) Chloroform	4.42	83	9283	0.211	ug/L	86
35) Methylcyclohexane	6.11	83	30501	0.902	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	14214	0.602	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	3231	0.096	ug/L	87
44) trans-1,3-Dichloropropene	7.66	75	2077	0.079	ug/L	95
48) 2-Hexanone	8.19	43	25858	2.631	ug/L #	80

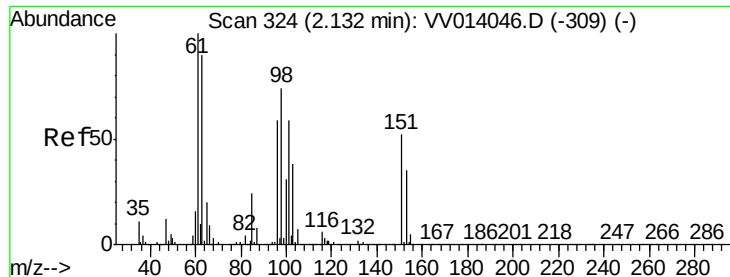
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 14 03:25:09 2019
Response via : Initial Calibration





#10

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

Concen: 0.077 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014052.D

Acq: 13 Dec 2019 14:38

Instrument :

MSVOA_V

ClientSampleId :

BFRB8

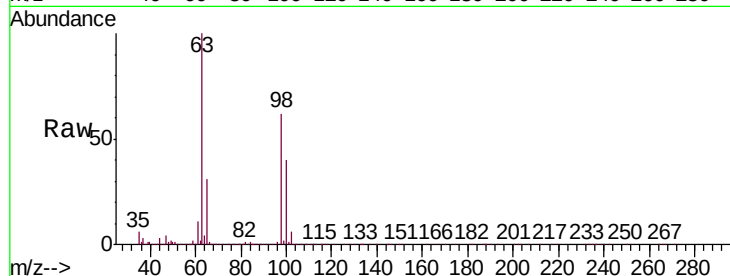
Tgt Ion:101 Resp: 1630

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

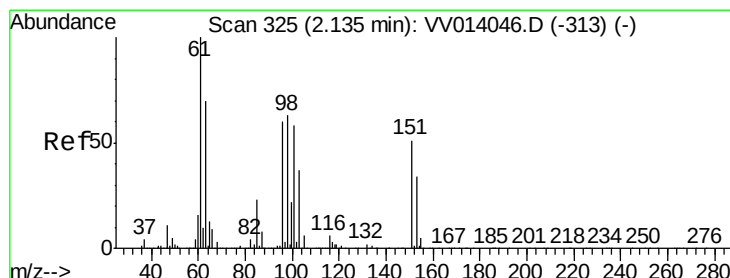
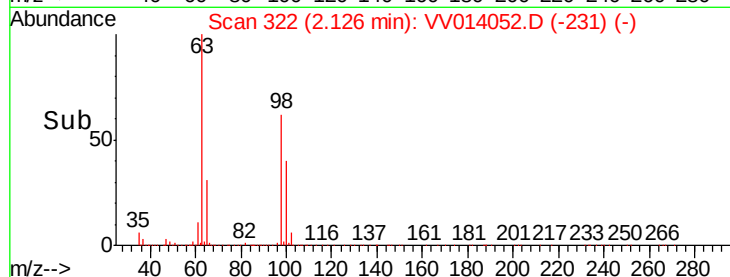
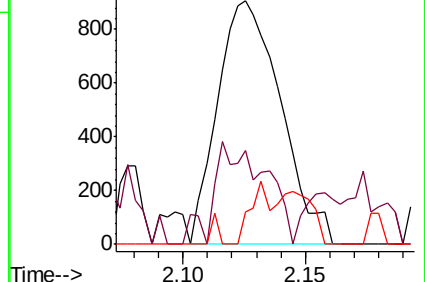
151 7.3 69.4 104.0#



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



#12

1,1-Dichloroethene

Concen: 0.078 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014052.D

Acq: 13 Dec 2019 14:38

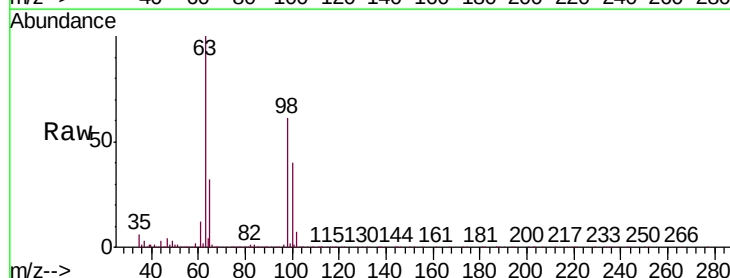
Tgt Ion: 96 Resp: 1437

Ion Ratio Lower Upper

96 100

61 1062.2 116.3 215.9#

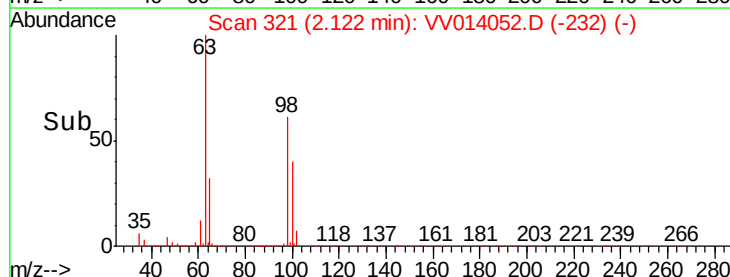
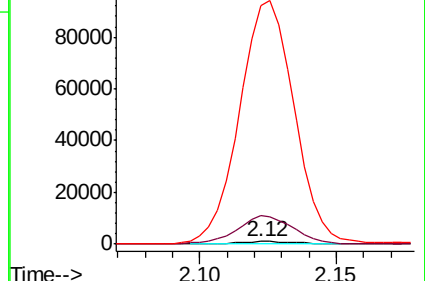
63 8994.3 96.7 179.7#

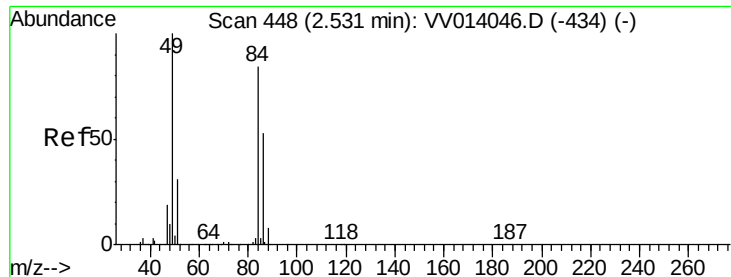


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

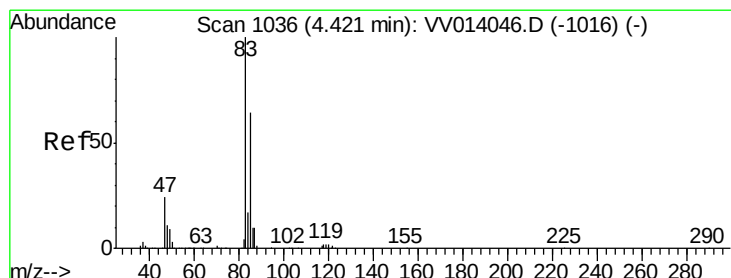
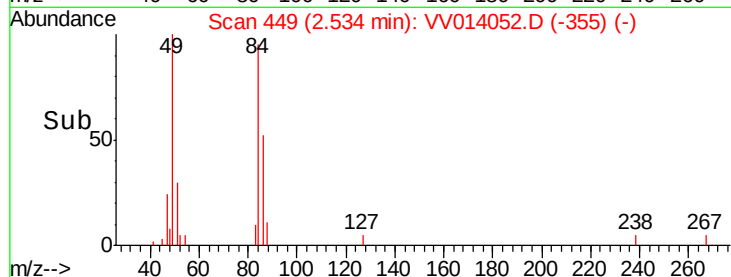
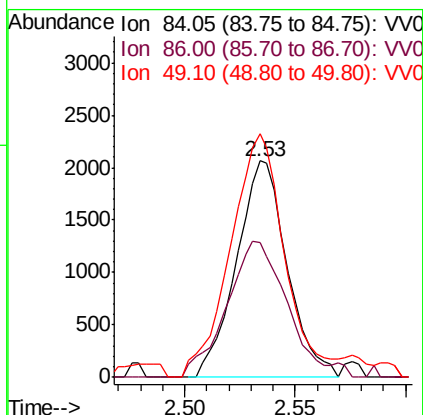
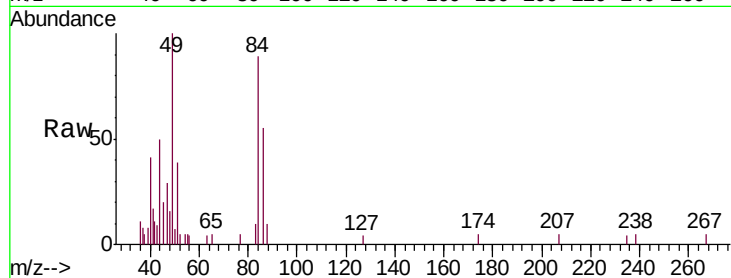




#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014052.D
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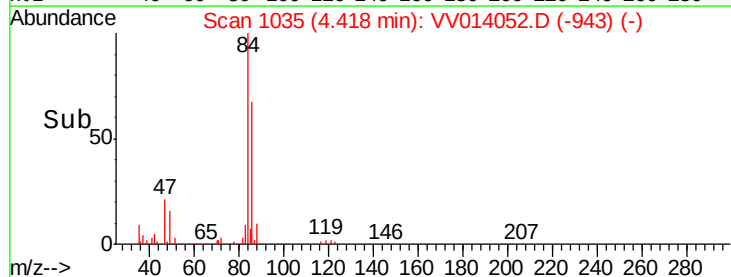
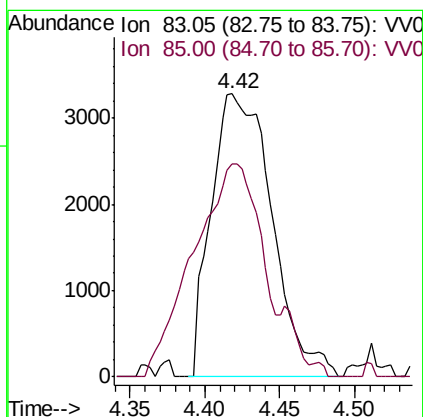
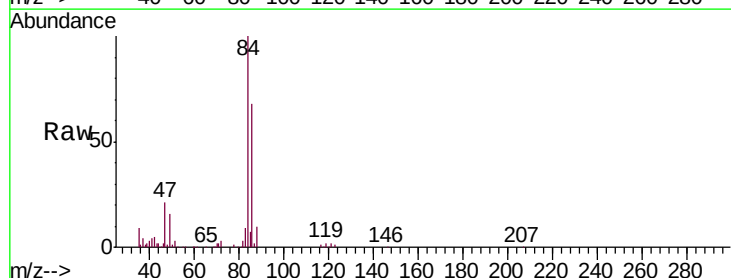
Instrument :
MSVOA_V
ClientSampleId :
BFRB8

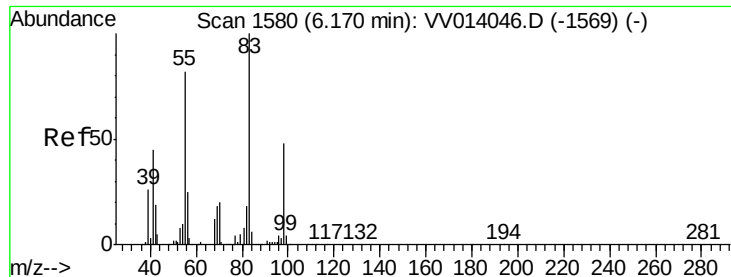
Tgt Ion: 84 Resp: 3283
Ion Ratio Lower Upper
84 100
86 62.4 44.0 81.6
49 112.7 81.5 151.5



#25
Chloroform
Concen: 0.211 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV014052.D
Acq: 13 Dec 2019 14:38

Tgt Ion: 83 Resp: 9283
Ion Ratio Lower Upper
83 100
85 75.4 45.1 83.7

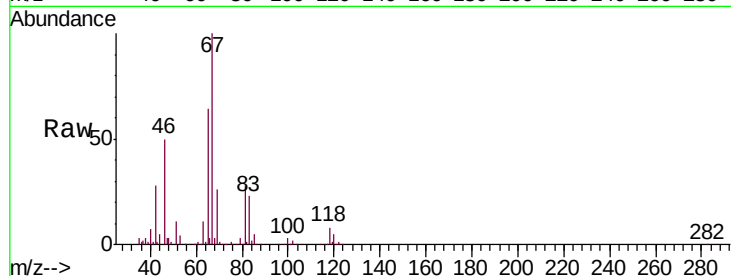




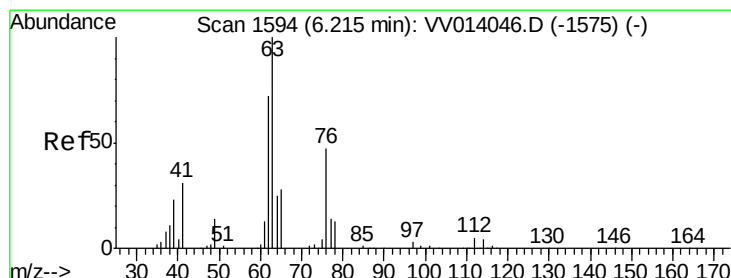
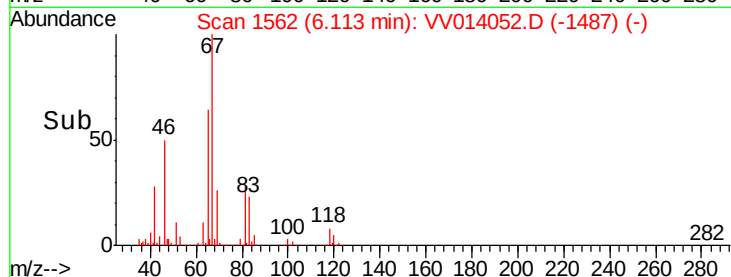
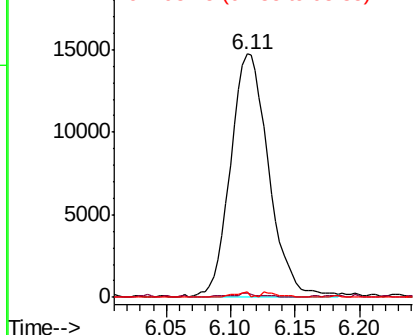
#35
Methylcyclohexane
Concen: 0.902 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014052.D
Acq: 13 Dec 2019 14:38

Instrument :
MSVOA_V
ClientSampleId :
BFRB8

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.3	90.5#
98	0.8	38.1	57.1#

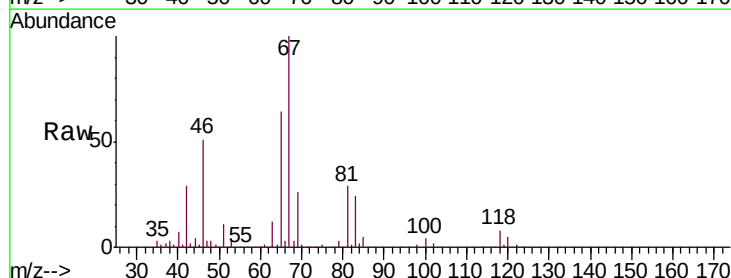


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

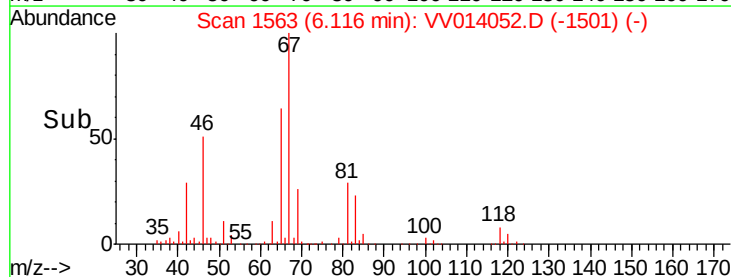
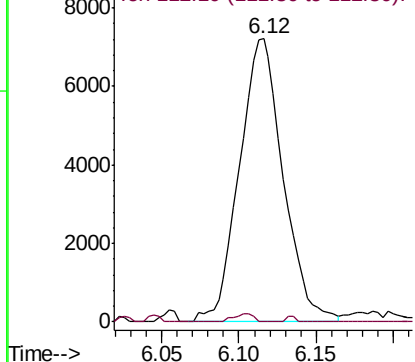


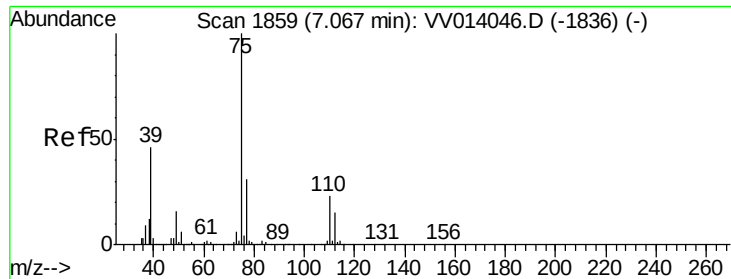
#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014052.D
Acq: 13 Dec 2019 14:38

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.3	4.4	6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV014052.D

Acq: 13 Dec 2019 14:38

Instrument :

MSVOA_V

ClientSampled :

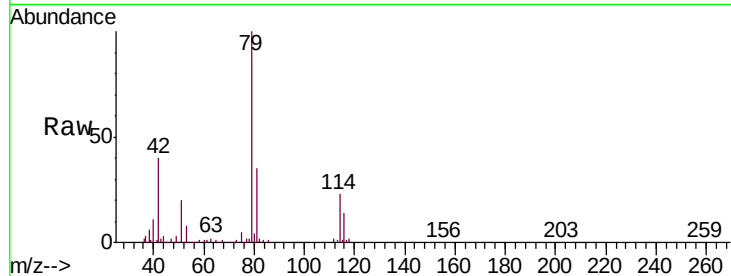
BFRB8

Tgt Ion: 75 Resp: 3231

Ion Ratio Lower Upper

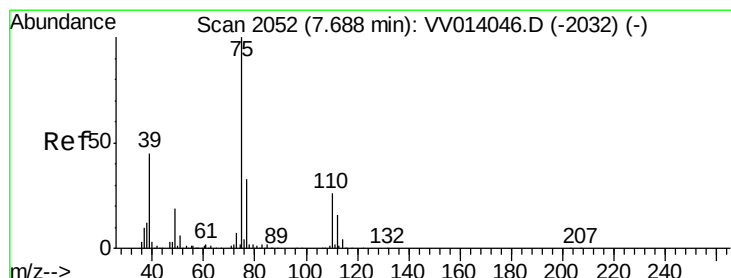
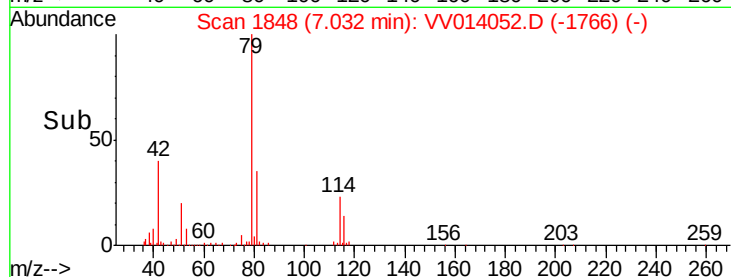
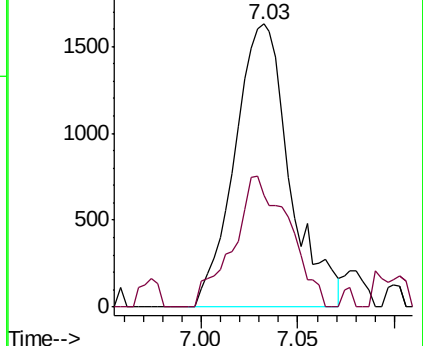
75 100

77 39.7 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014052.D

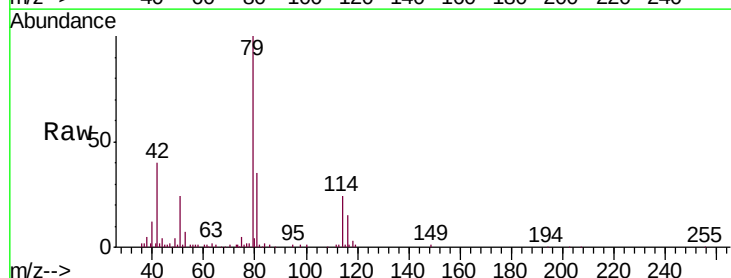
Acq: 13 Dec 2019 14:38

Tgt Ion: 75 Resp: 2077

Ion Ratio Lower Upper

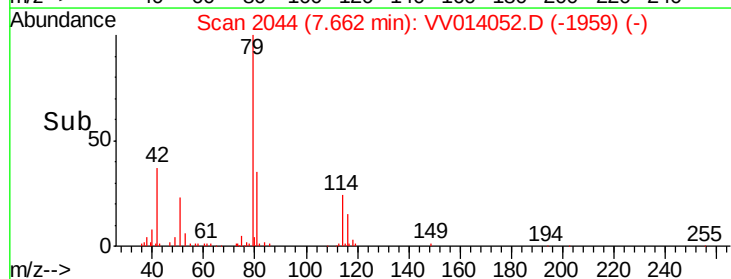
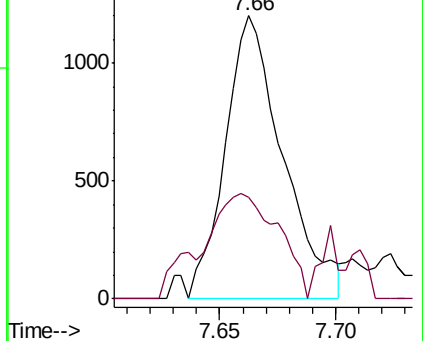
75 100

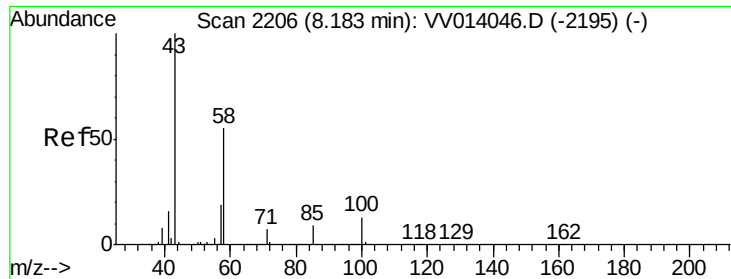
77 35.9 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 2.631 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV014052.D

Acq: 13 Dec 2019 14:38

Instrument :
MSVOA_V
ClientSampleId :
BFRB8

Tgt Ion: 43 Resp: 25858

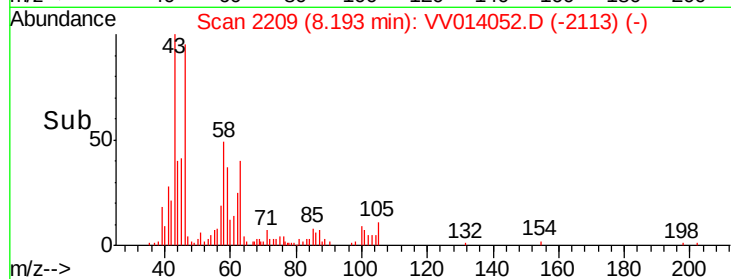
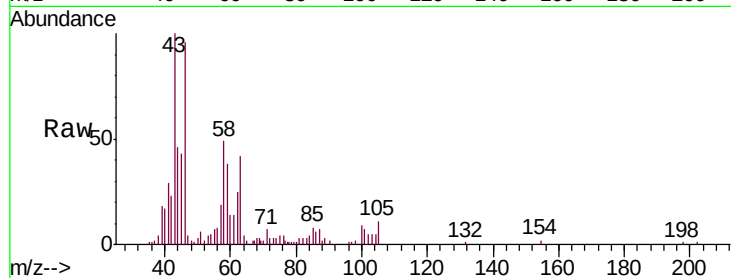
Ion Ratio Lower Upper

43 100

58 32.9 43.2 64.8#

57 20.8 15.4 23.2

100 10.6 10.4 15.6



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

