

Data File : VV014053.D
Acq On : 13 Dec 2019 15:02
Operator : SY/MD
Sample : K6275-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDR8

Quant Time: Dec 14 03:28:27 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	381659	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	377885	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	167885	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105659	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	97044	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	130658	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.93	46	271185	55.22	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.44%
24) Chloroform-d	4.40	84	191889	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.08	65	103530	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.10	84	363666	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.60%
36) 1,2-Dichloropropane-d6	6.11	67	123193	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.36	98	266441	2.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.20%#
43) trans-1,3-Dichloropropene-	7.66	79	40796	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.13	63	151493	36.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95159	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	129993	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

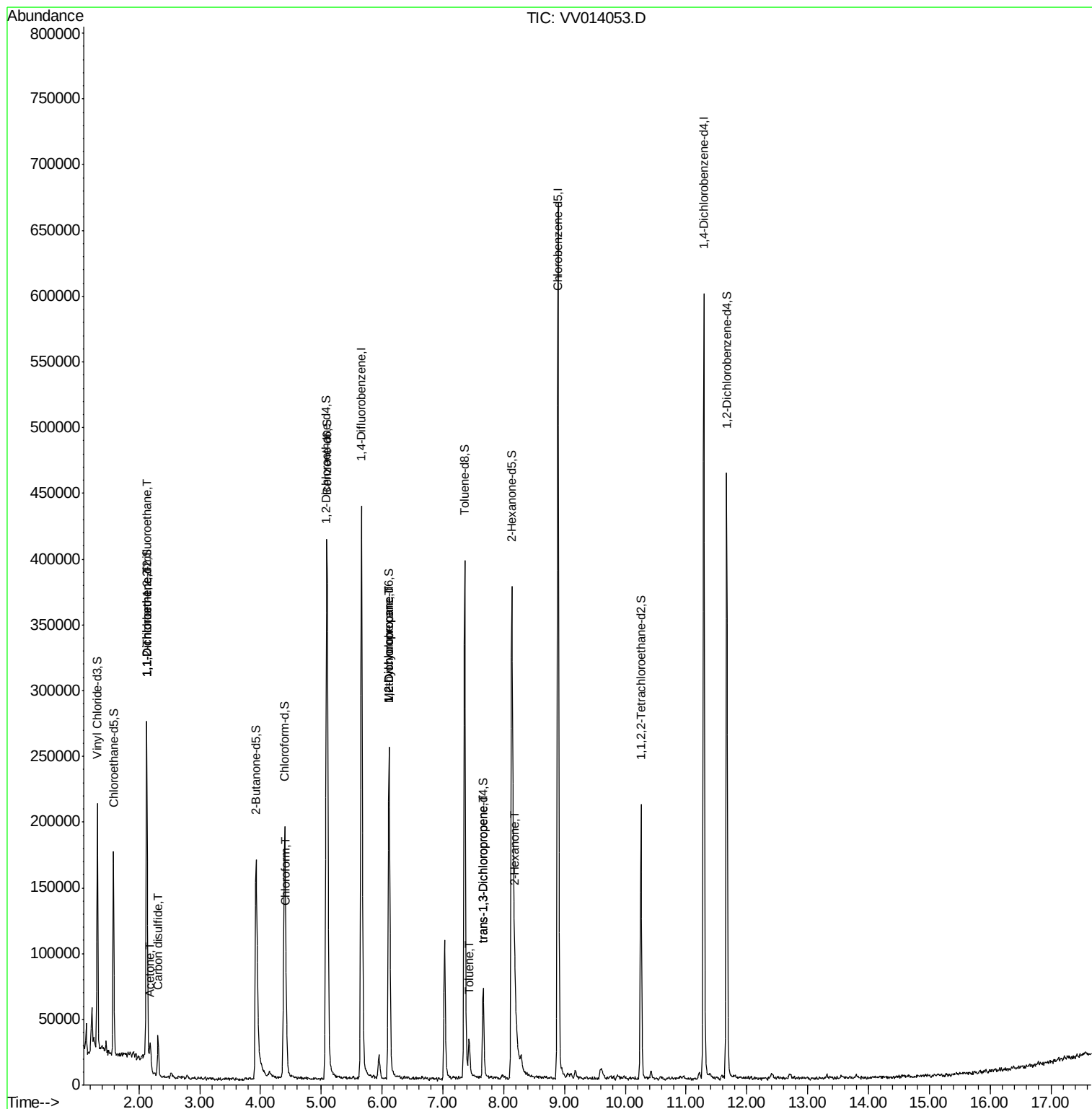
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1901	0.090	ug/L #	26
12) 1,1-Dichloroethene	2.14	96	1792	0.098	ug/L #	1
13) Acetone	2.19	43	8563	2.494	ug/L #	39
14) Carbon disulfide	2.32	76	35354	0.835	ug/L	97
25) Chloroform	4.43	83	14535	0.331	ug/L	98
35) Methylcyclohexane	6.11	83	31116	0.912	ug/L #	21
37) 1,2-Dichloropropane	6.11	63	13981	0.587	ug/L #	87
42) Toluene	7.43	91	20122	0.202	ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	1636	0.062	ug/L #	75
48) 2-Hexanone	8.18	43	23312	2.350	ug/L #	90

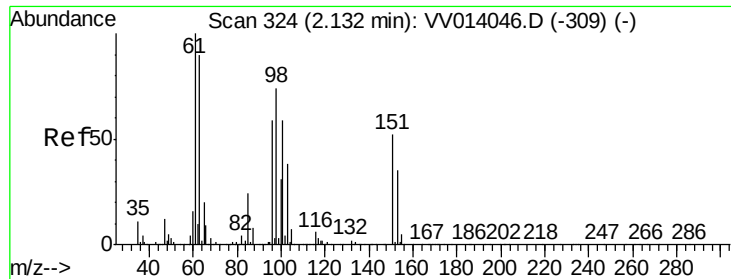
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.090 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

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Acq: 13 Dec 2019 15:02

Instrument :

MSVOA_V

ClientSampleId :

BFDR8

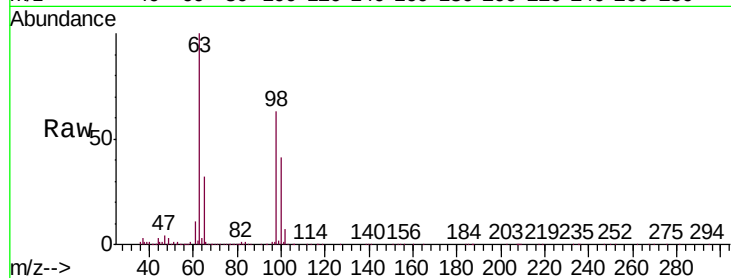
Tgt Ion: 101 Resp: 1901

Ion Ratio Lower Upper

101 100

85 13.7 33.4 50.0#

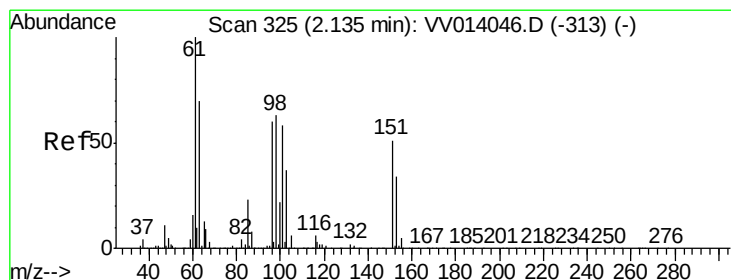
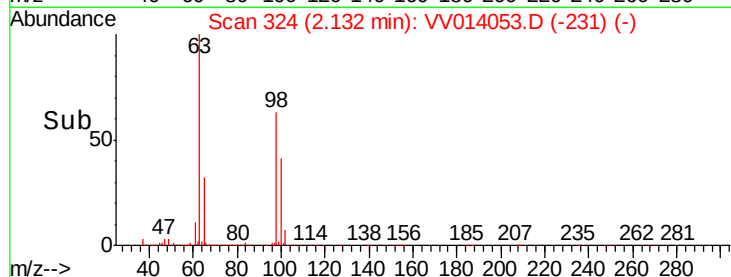
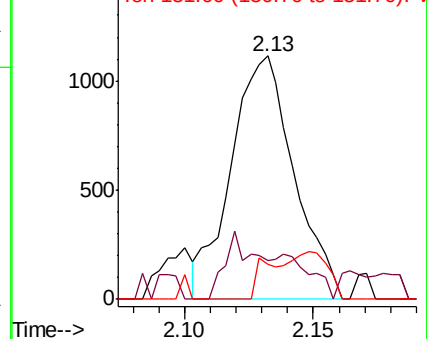
151 5.0 69.4 104.0#



Abundance Ion 101.00 (100.70 to 101.70): V

1500 Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.098 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV014053.D

Acq: 13 Dec 2019 15:02

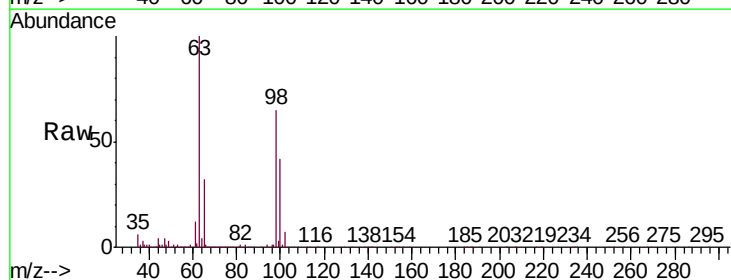
Tgt Ion: 96 Resp: 1792

Ion Ratio Lower Upper

96 100

61 853.0 116.3 215.9#

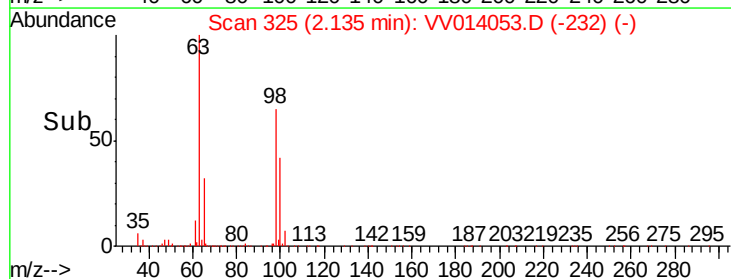
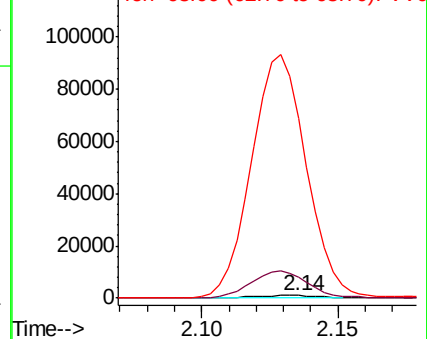
63 7261.8 96.7 179.7#

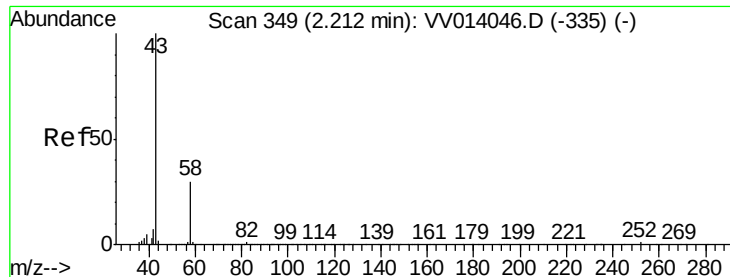


Abundance Ion 96.00 (95.70 to 96.70): VV0

120000 Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.494 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

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ClientSampleId :

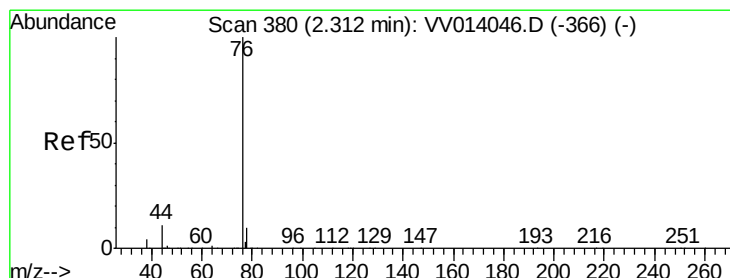
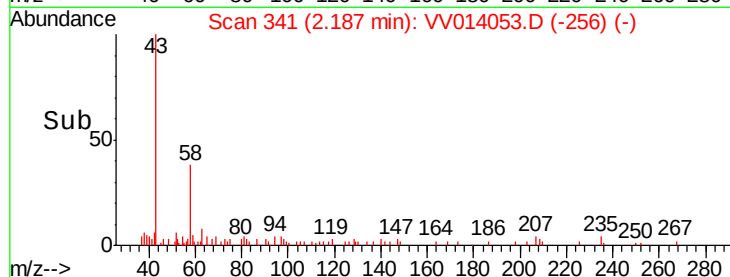
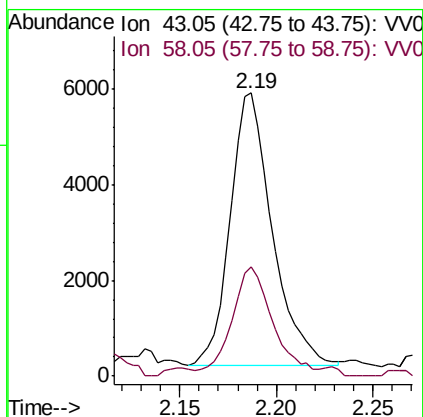
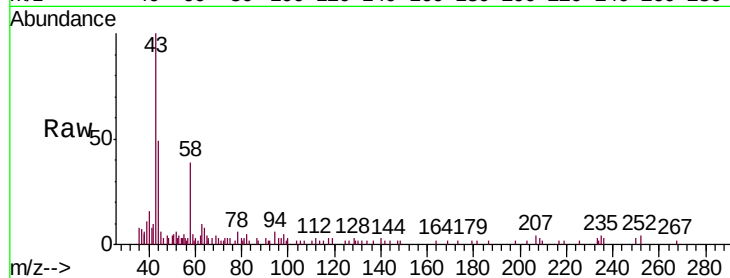
BFDR8

Tgt Ion: 43 Resp: 8563

Ion Ratio Lower Upper

43 100

58 38.0 0.0 27.2#



#14

Carbon disulfide

Concen: 0.835 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV014053.D

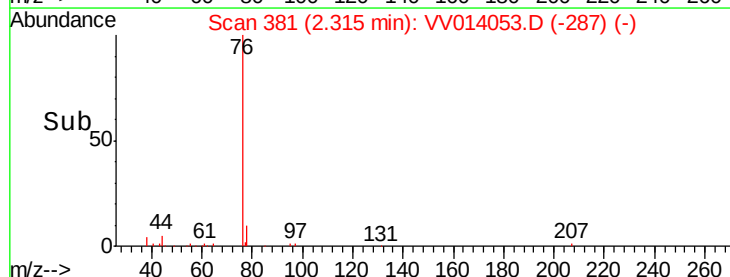
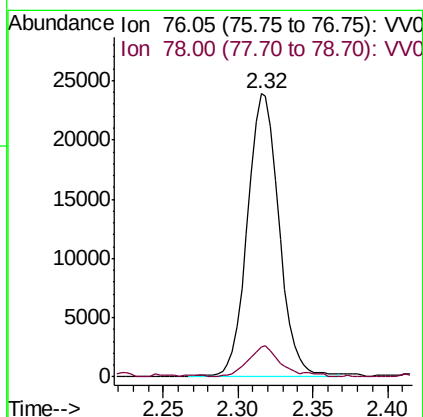
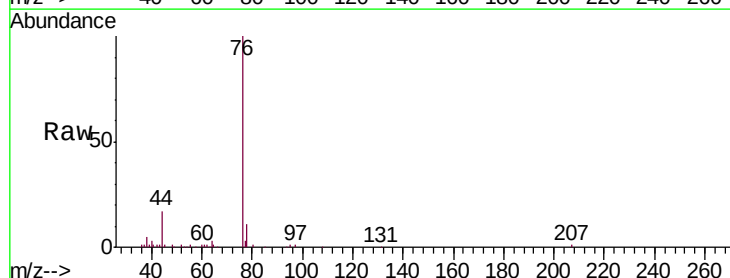
Acq: 13 Dec 2019 15:02

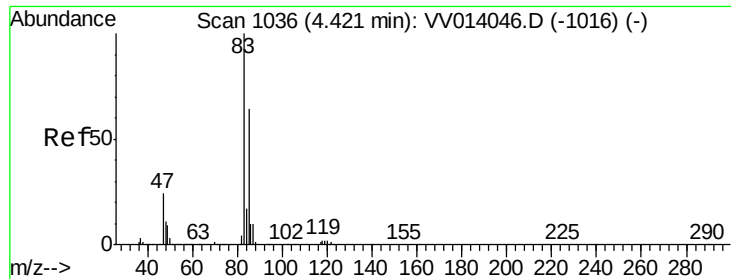
Tgt Ion: 76 Resp: 35354

Ion Ratio Lower Upper

76 100

78 10.6 7.5 11.3

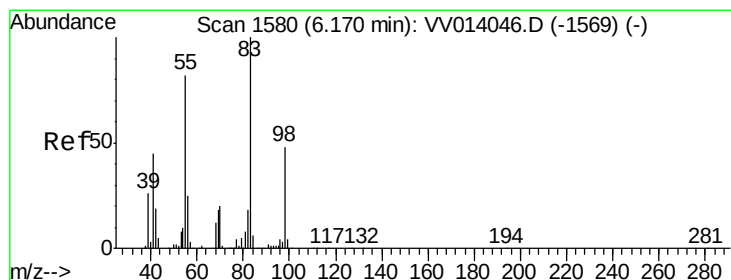
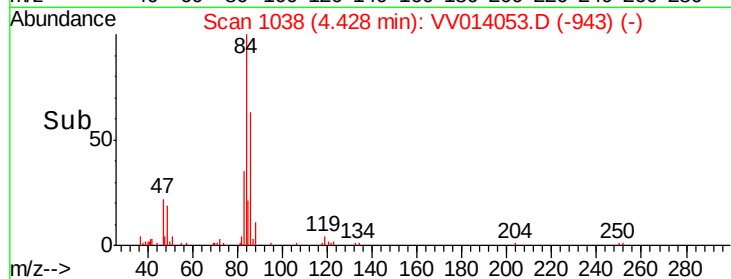
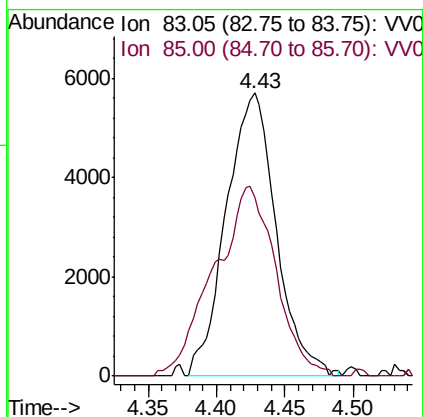
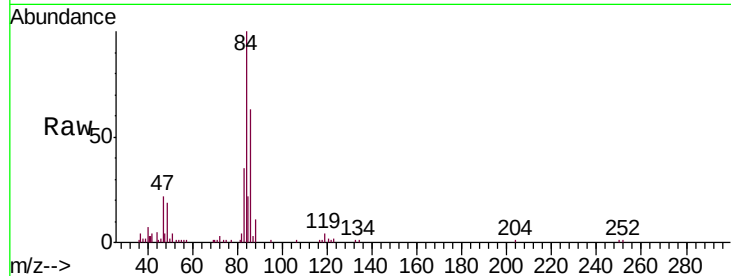




#25
Chloroform
Concen: 0.331 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014053.D
Acq: 13 Dec 2019 15:02

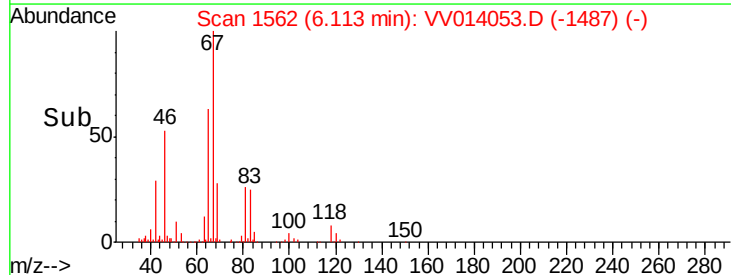
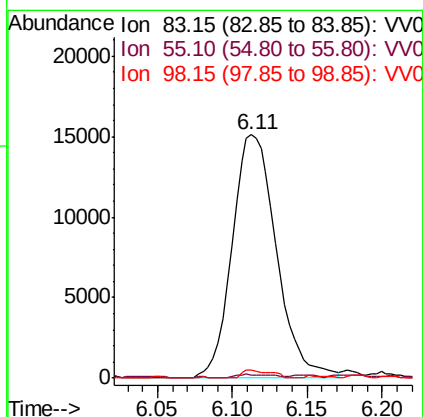
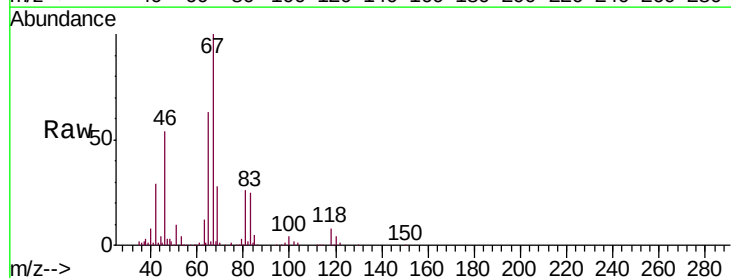
Instrument :
MSVOA_V
ClientSampleId :
BFDR8

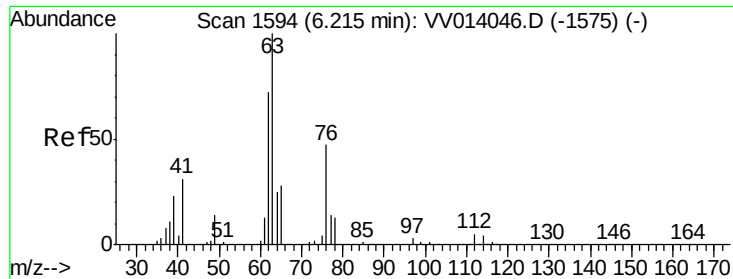
Tgt Ion: 83 Resp: 14535
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.7



#35
Methylcyclohexane
Concen: 0.912 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014053.D
Acq: 13 Dec 2019 15:02

Tgt Ion: 83 Resp: 31116
Ion Ratio Lower Upper
83 100
55 1.3 60.3 90.5#
98 2.1 38.1 57.1#

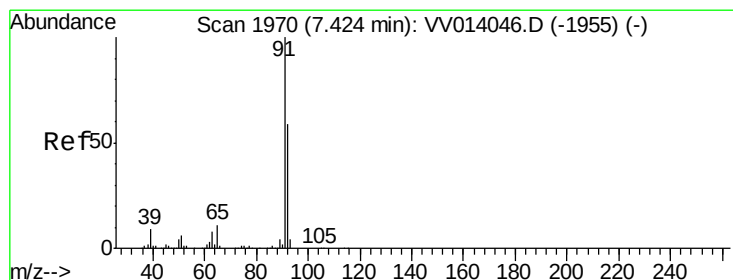
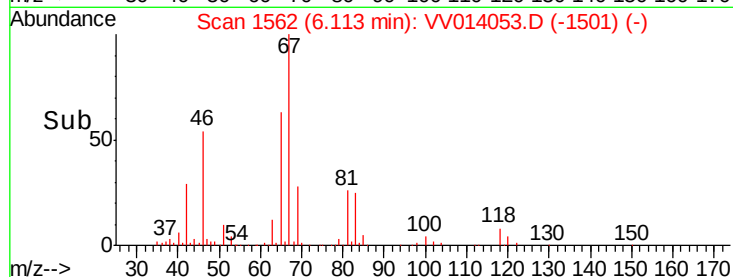
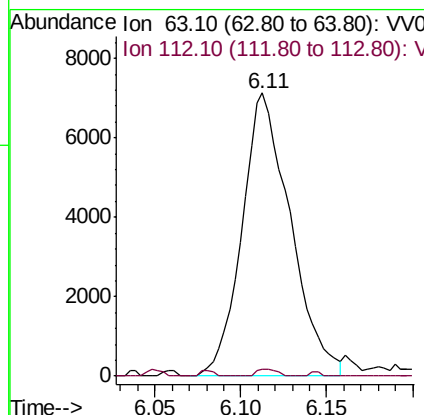
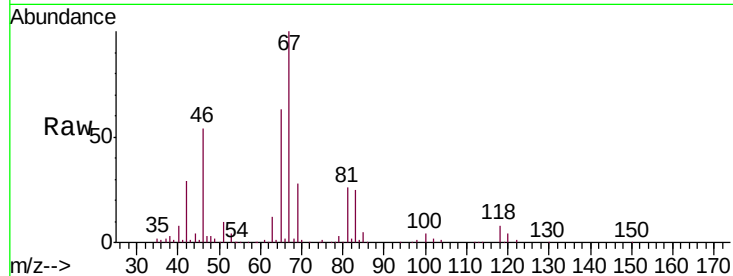




#37
 1,2-Dichloropropane
 Concen: 0.587 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014053.D
 Acq: 13 Dec 2019 15:02

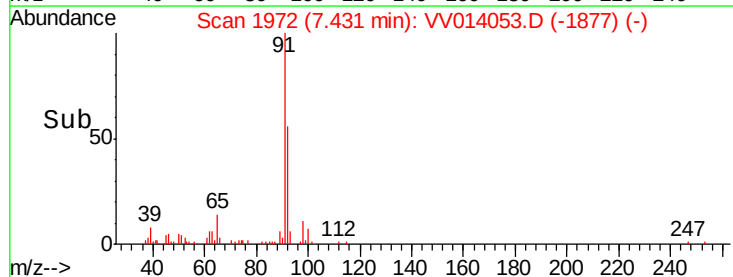
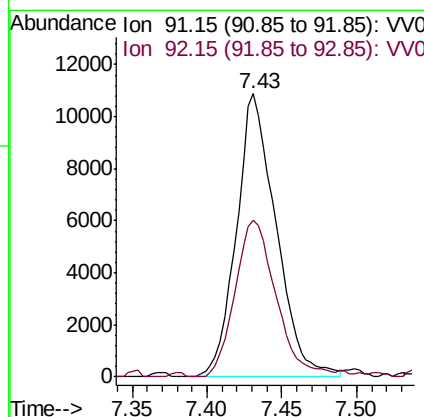
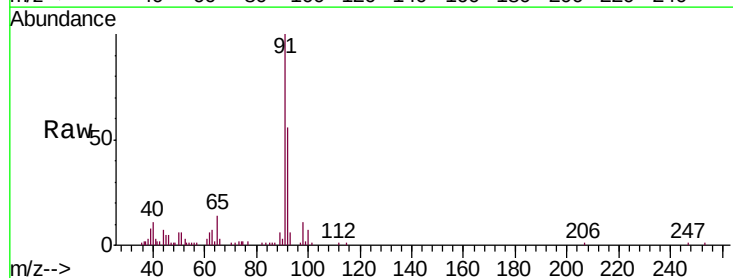
Instrument :
 MSVOA_V
 ClientSampled :
 BFDR8

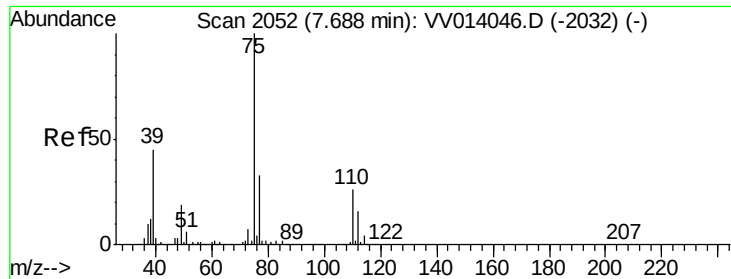
Tgt Ion: 63 Resp: 13981
 Ion Ratio Lower Upper
 63 100
 112 1.0 4.4 6.6#



#42
 Toluene
 Concen: 0.202 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VV014053.D
 Acq: 13 Dec 2019 15:02

Tgt Ion: 91 Resp: 20122
 Ion Ratio Lower Upper
 91 100
 92 55.6 41.1 76.3

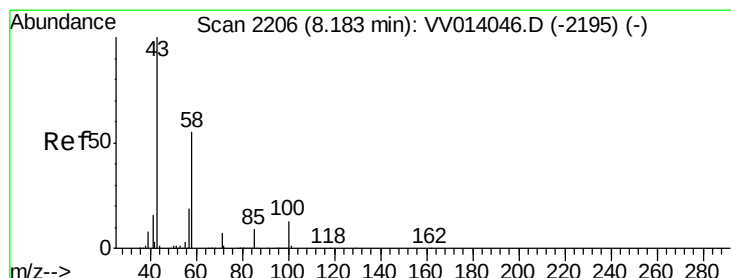
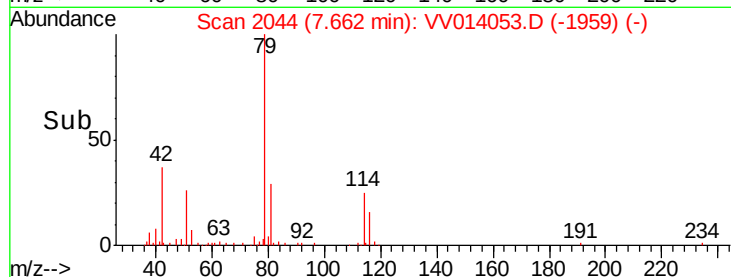
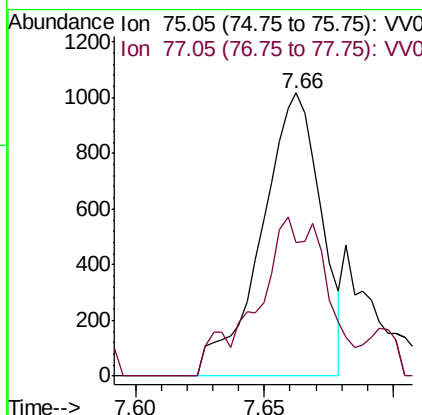
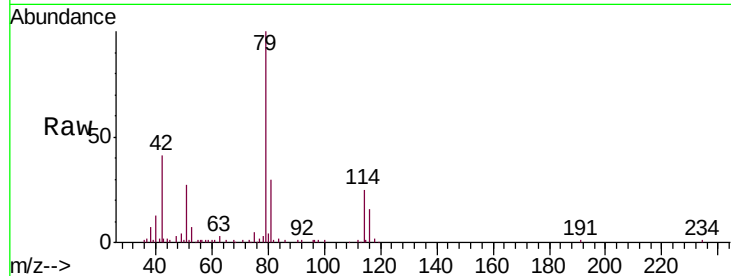




#44
 trans-1,3-Dichloropropene
 Concen: 0.062 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014053.D
 Acq: 13 Dec 2019 15:02

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDR8

Tgt Ion: 75 Resp: 1636
 Ion Ratio Lower Upper
 75 100
 77 47.1 23.0 42.8#



#48
 2-Hexanone
 Concen: 2.350 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VV014053.D
 Acq: 13 Dec 2019 15:02

Tgt Ion: 43 Resp: 23312
 Ion Ratio Lower Upper
 43 100
 58 45.8 43.2 64.8
 57 23.5 15.4 23.2#
 100 9.8 10.4 15.6#

