

Data File : VV014231.D
Acq On : 31 Dec 2019 11:44
Operator : SY/MD
Sample : VV1231WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK43

Quant Time: Jan 01 03:05:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 01 03:03:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	871268	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	803191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	367089	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	172181	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	155239	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	241723	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.95	46	522877	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	4.40	84	442432	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.08	65	240191	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.09	84	977556	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.11	67	313403	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.35	98	892157	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.66	79	125081	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.13	63	549470	48.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	217547	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	298473	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

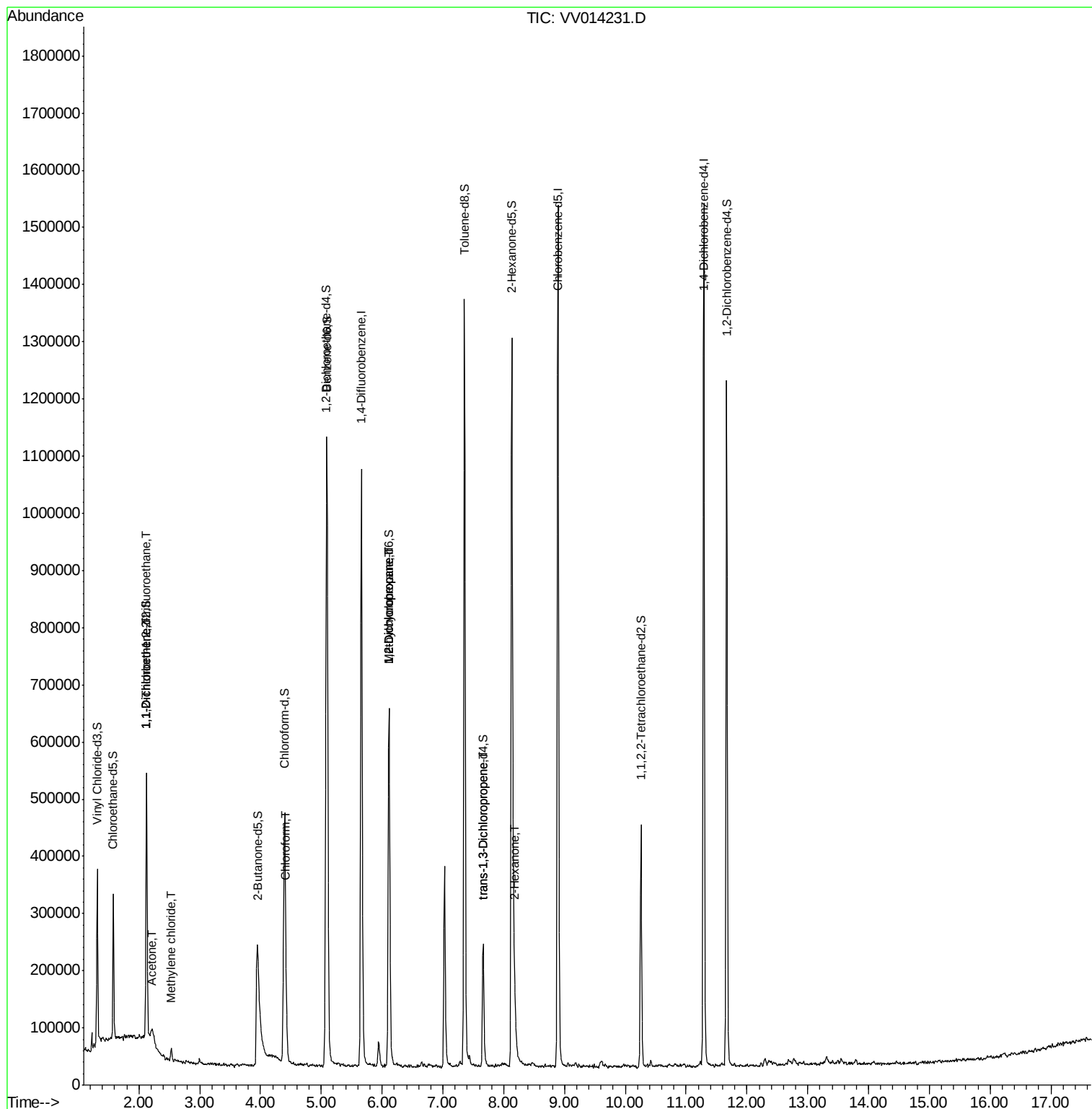
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3036	0.077	ug/L #	28
12) 1,1-Dichloroethene	2.13	96	3306	0.086	ug/L #	1
13) Acetone	2.21	43	14452	2.312	ug/L	76
16) Methylene chloride	2.53	84	8933	0.138	ug/L	93
25) Chloroform	4.42	83	42400	0.375	ug/L	95
35) Methylcyclohexane	6.11	83	74834	0.675	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	35269	0.584	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	4157	0.054	ug/L #	77
48) 2-Hexanone	8.18	43	20777	0.800	ug/L #	61

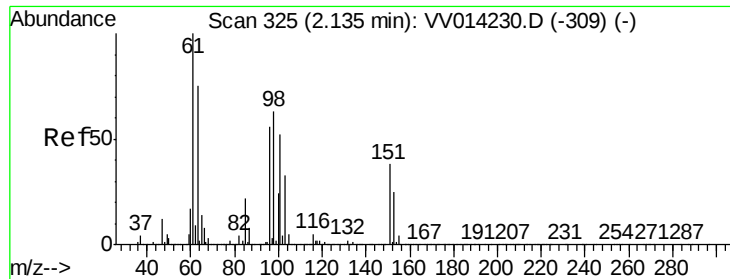
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VV014231.D

Acq: 31 Dec 2019 11:44

Instrument :

MSVOA_V

ClientSampleId :

VBLK43

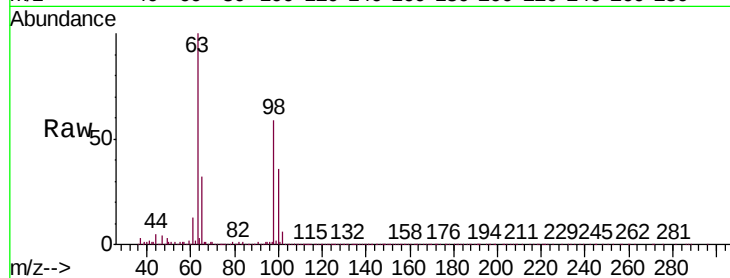
Tgt Ion: 101 Resp: 3036

Ion Ratio Lower Upper

101 100

85 11.9 34.9 52.3#

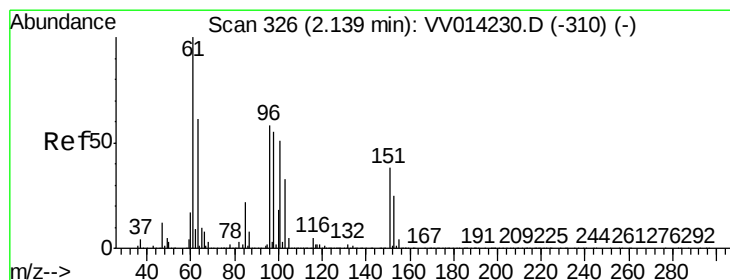
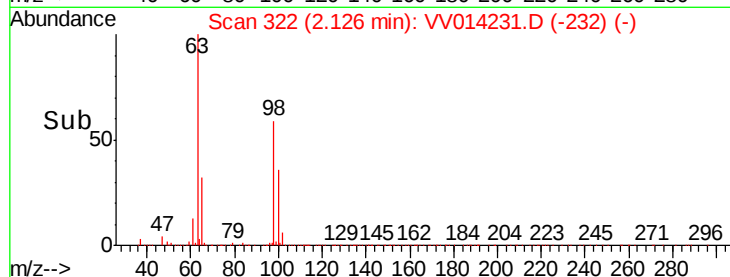
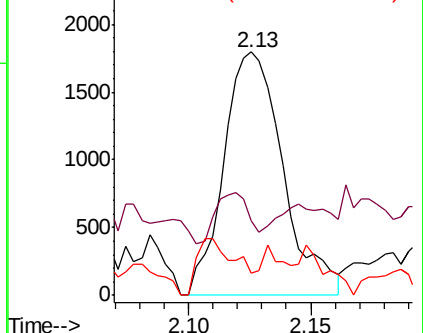
151 4.3 62.5 93.7#



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: 0.086 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014231.D

Acq: 31 Dec 2019 11:44

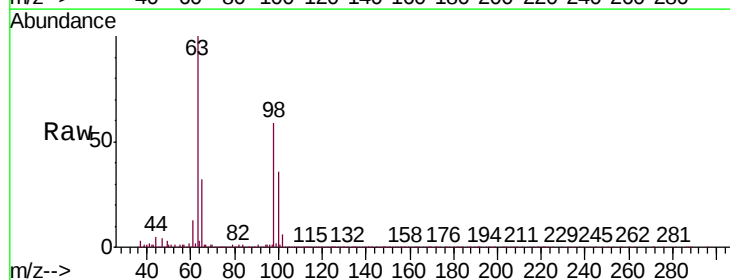
Tgt Ion: 96 Resp: 3306

Ion Ratio Lower Upper

96 100

61 990.3 121.5 225.7#

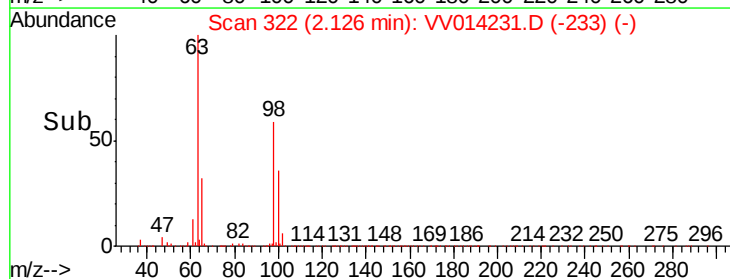
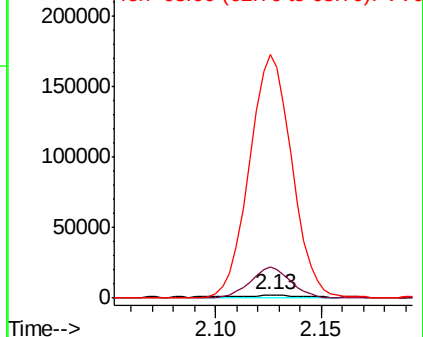
63 7896.3 90.3 167.7#

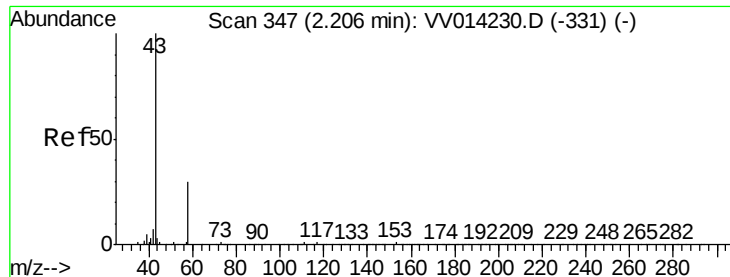


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.312 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.00 min

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ClientSampleId :

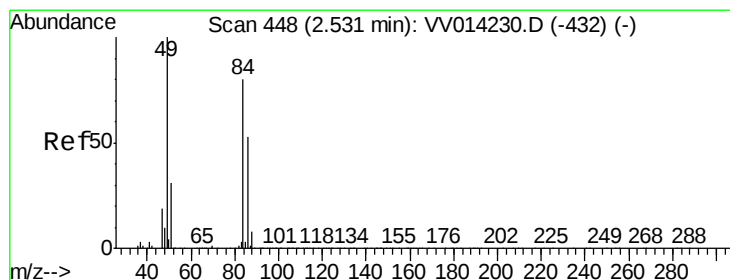
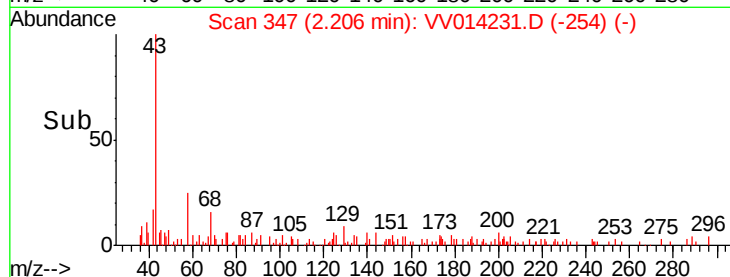
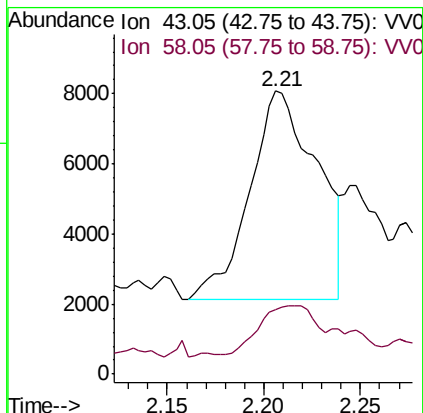
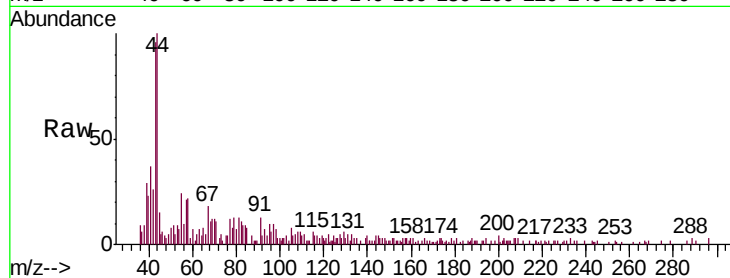
VBLK43

Tgt Ion: 43 Resp: 14452

Ion Ratio Lower Upper

43 100

58 19.6 0.0 66.0



#16

Methylene chloride

Concen: 0.138 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV014231.D

Acq: 31 Dec 2019 11:44

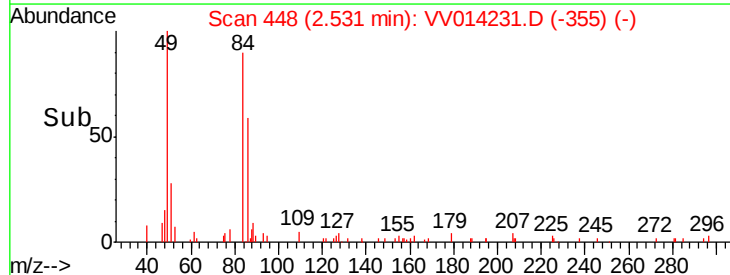
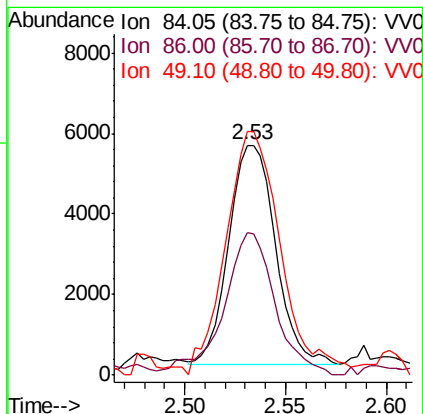
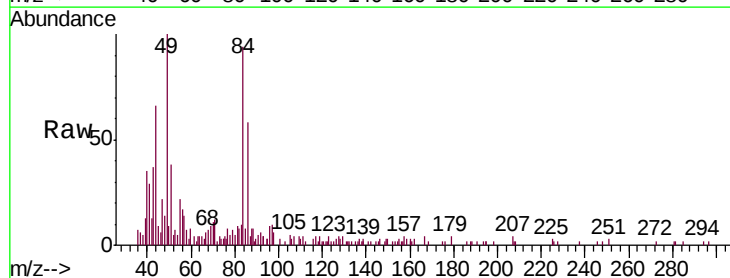
Tgt Ion: 84 Resp: 8933

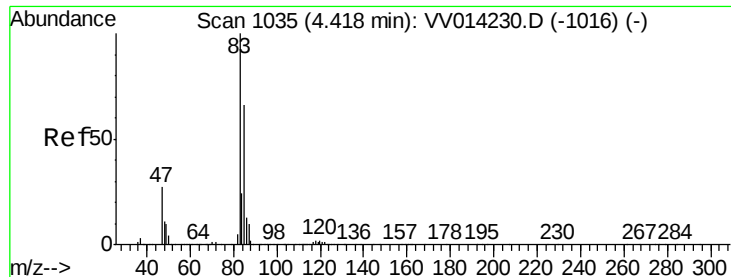
Ion Ratio Lower Upper

84 100

86 61.9 43.1 80.1

49 105.9 82.1 152.5





#25

Chloroform

Concen: 0.375 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014231.D

Acq: 31 Dec 2019 11:44

Instrument :

MSVOA_V

ClientSampleId :

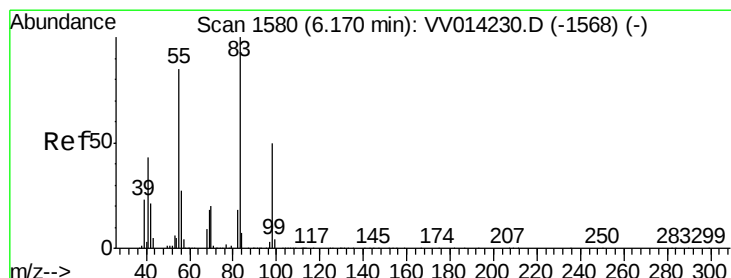
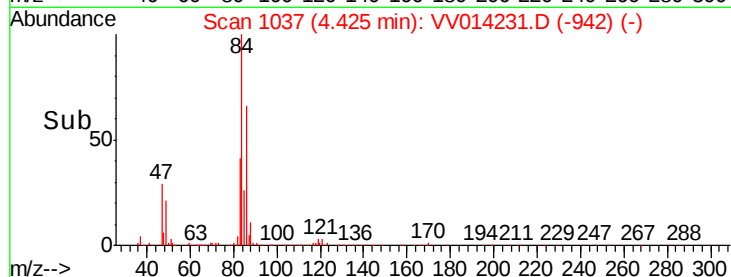
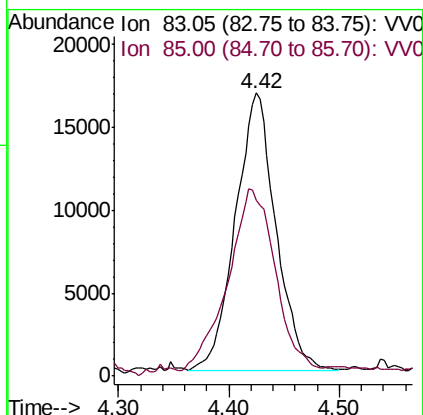
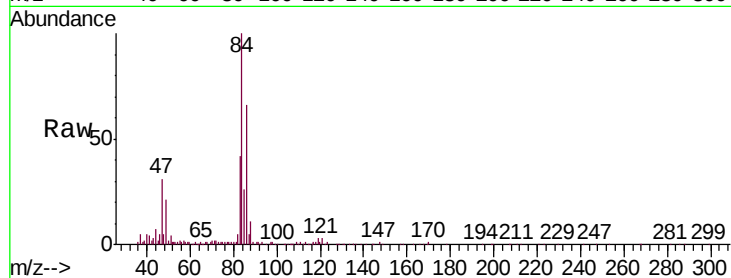
VBLK43

Tgt Ion: 83 Resp: 42400

Ion Ratio Lower Upper

83 100

85 62.3 46.2 85.8



#35

Methylcyclohexane

Concen: 0.675 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014231.D

Acq: 31 Dec 2019 11:44

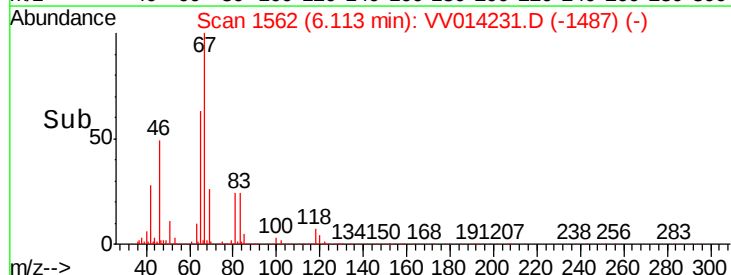
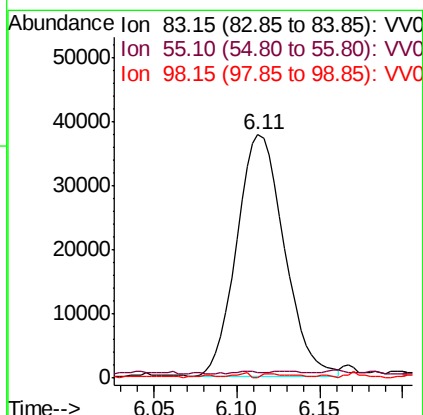
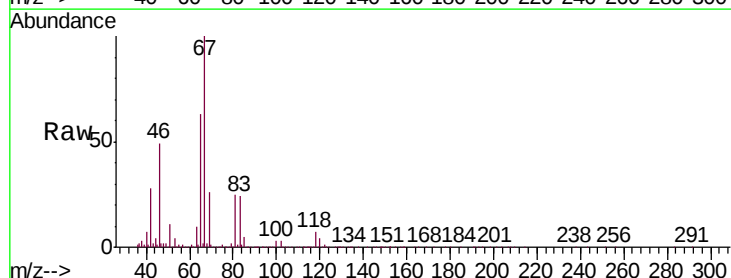
Tgt Ion: 83 Resp: 74834

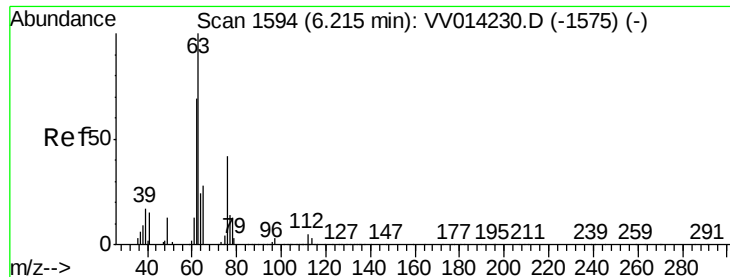
Ion Ratio Lower Upper

83 100

55 0.6 61.7 92.5#

98 0.7 38.1 57.1#

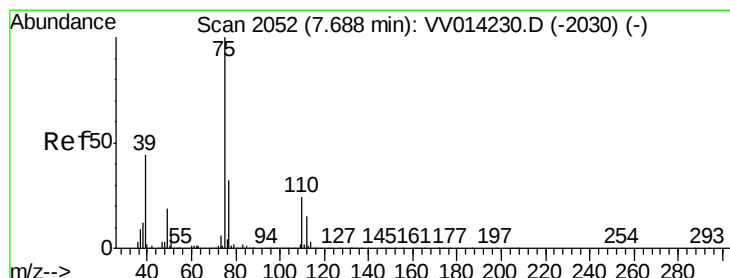
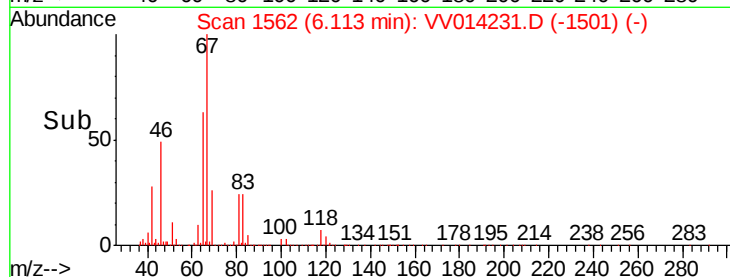
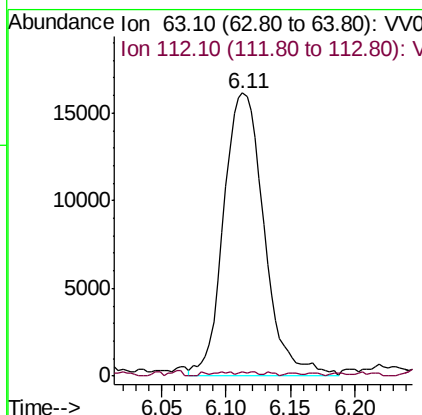
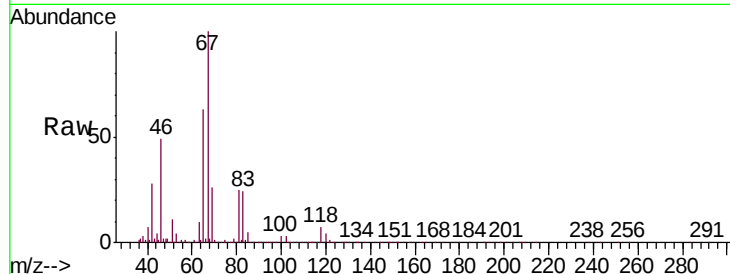




#37
 1,2-Dichloropropane
 Concen: 0.584 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014231.D
 Acq: 31 Dec 2019 11:44

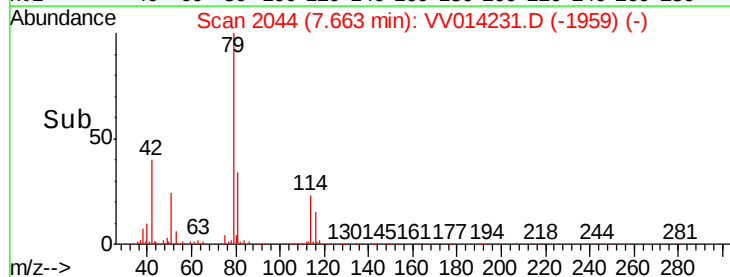
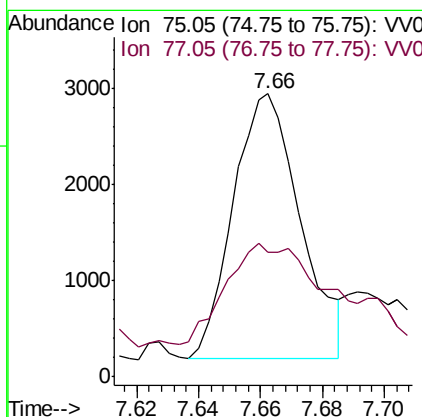
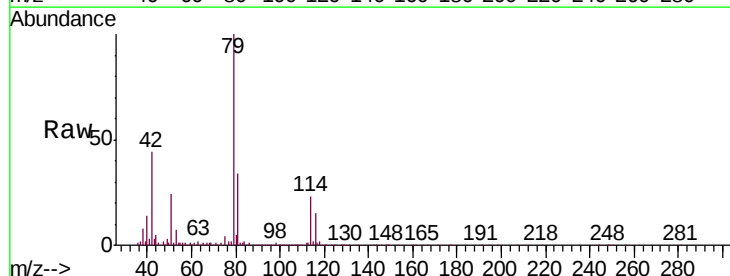
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK43

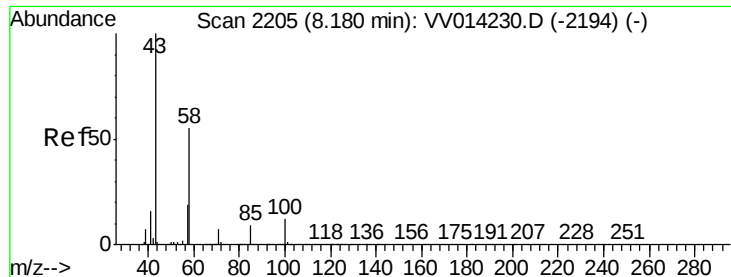
Tgt Ion: 63 Resp: 35269
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.054 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014231.D
 Acq: 31 Dec 2019 11:44

Tgt Ion: 75 Resp: 4157
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.0 41.0#





#48

2-Hexanone

Concen: 0.800 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VV014231.D

Acq: 31 Dec 2019 11:44

Instrument :

MSVOA_V

ClientSampleId :

VBLK43

Tgt Ion: 43 Resp: 20777

Ion Ratio Lower Upper

43 100

58 24.9 45.4 68.0#

57 2.3 15.8 23.8#

100 5.1 10.2 15.4#

