

Data File : VV012415.D
Acq On : 27 Aug 2019 09:26
Operator : SY/MD
Sample : VV0827WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK42

Quant Time: Aug 28 07:38:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	231147	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	226546	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86679	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57800	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	43474	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	79615	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.97	46	157522	50.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.20%
24) Chloroform-d	4.40	84	131098	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	64500	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.09	84	254116	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	81161	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	205092	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.66	79	26040	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.14	63	79368	40.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46455	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	71913	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

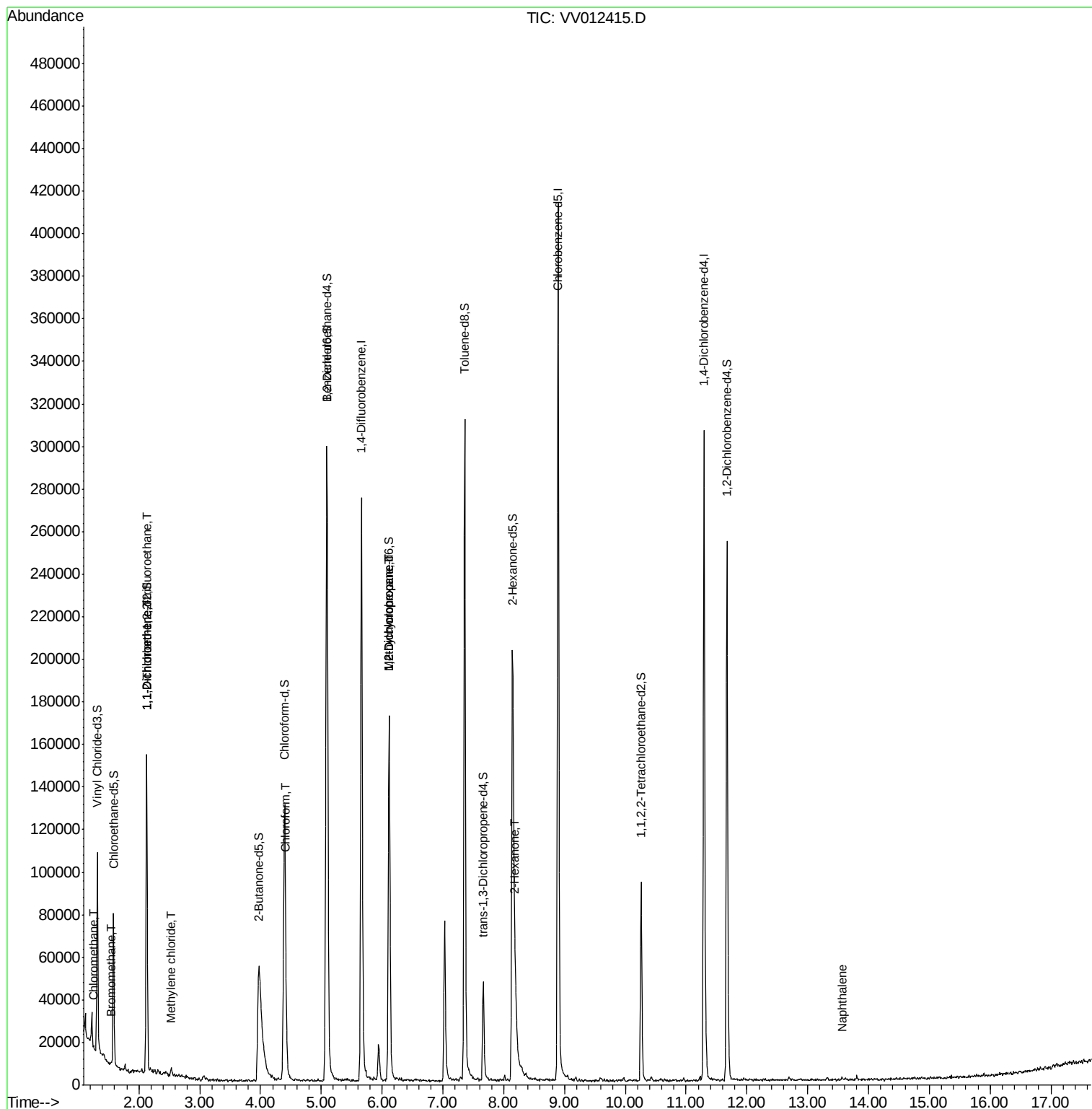
						Qvalue
3) Chloromethane	1.25	50	1634	0.108	ug/L	96
6) Bromomethane	1.54	94	554	0.082	ug/L	82
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	849	0.083	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	780	0.084	ug/L #	1
16) Methylene chloride	2.53	84	1448	0.140	ug/L	96
25) Chloroform	4.42	83	8062	0.282	ug/L	93
35) Methylcyclohexane	6.12	83	19534	0.798	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9260	0.633	ug/L #	86
48) 2-Hexanone	8.19	43	20144	3.560	ug/L #	78
69) Naphthalene	13.56	128	1631	0.094	ug/L #	83

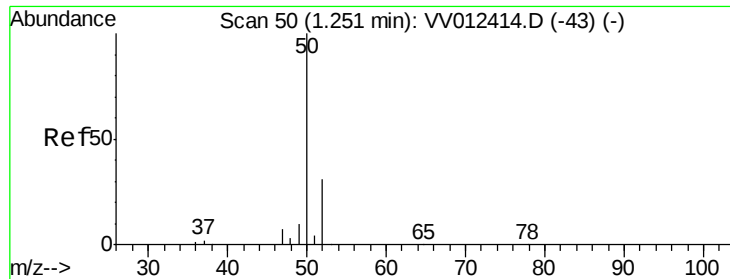
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.108 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012415.D

Acq: 27 Aug 2019 09:26

Instrument :

MSVOA_V

ClientSampleId :

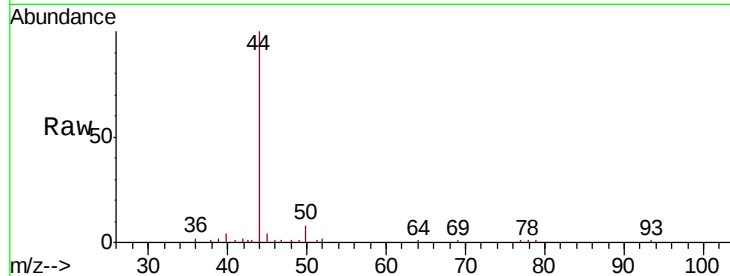
VBLK42

Tgt Ion: 50 Resp: 1634

Ion Ratio Lower Upper

50 100

52 29.4 22.2 41.2



Abundance Ion 50.05 (49.75 to 50.75): VV012415.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV012415.D (-43) (-)

1.25

1.30

1.35

1.40

1.45

1.50

1.55

1.60

1.65

1.70

1.75

1.80

1.85

1.90

1.95

2.00

2.05

2.10

2.15

2.20

2.25

2.30

2.35

2.40

2.45

2.50

2.55

2.60

2.65

2.70

2.75

2.80

2.85

2.90

2.95

3.00

3.05

3.10

3.15

3.20

3.25

3.30

3.35

3.40

3.45

3.50

3.55

3.60

3.65

3.70

3.75

3.80

3.85

3.90

3.95

4.00

4.05

4.10

4.15

4.20

4.25

4.30

4.35

4.40

4.45

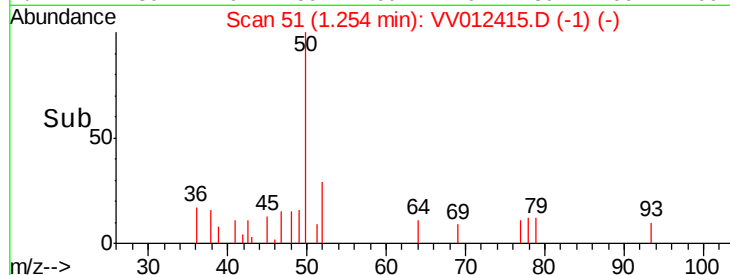
4.50

4.55

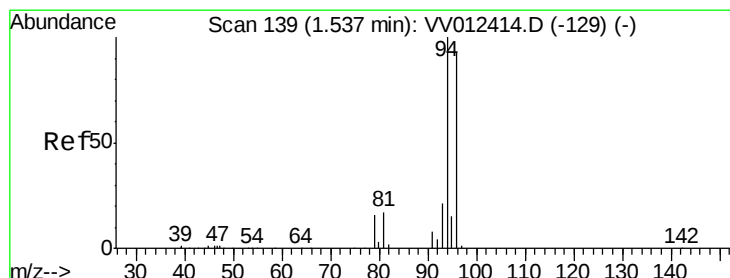
4.60

4.65

4.70



Time-->



#6

Bromomethane

Concen: 0.082 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV012415.D

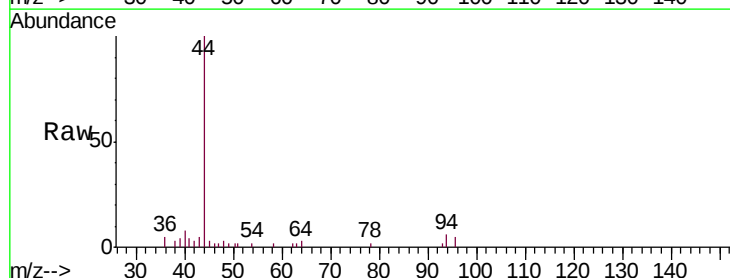
Acq: 27 Aug 2019 09:26

Tgt Ion: 94 Resp: 554

Ion Ratio Lower Upper

94 100

96 81.4 69.2 128.6



Abundance Ion 94.00 (93.70 to 94.70): VV012415.D (-129) (-)

Ion 96.00 (95.70 to 96.70): VV012415.D (-129) (-)

1.54

1.58

1.62

1.66

1.70

1.74

1.78

1.82

1.86

1.90

1.94

1.98

2.02

2.06

2.10

2.14

2.18

2.22

2.26

2.30

2.34

2.38

2.42

2.46

2.50

2.54

2.58

2.62

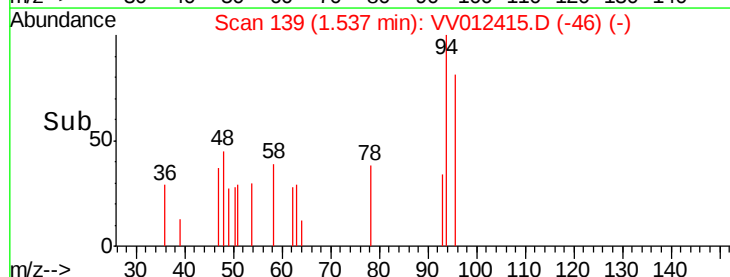
2.66

2.70

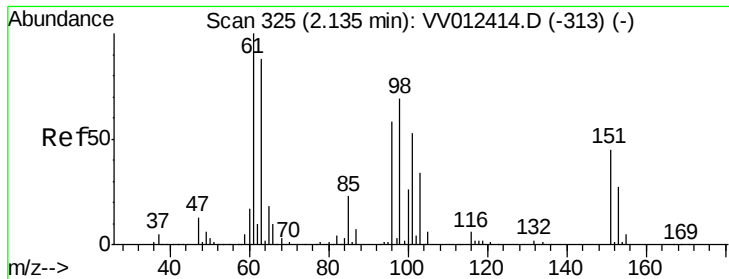
2.74

2.78

2.82



Time-->



#10

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

Concen: 0.083 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012415.D

Acq: 27 Aug 2019 09:26

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MSVOA_V

ClientSampleId :

VBLK42

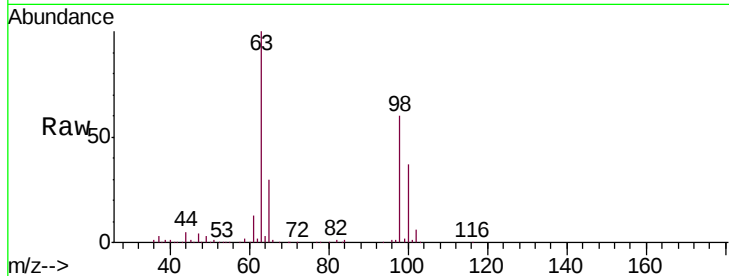
Tgt Ion: 101 Resp: 849

Ion Ratio Lower Upper

101 100

85 2.5 34.6 51.8#

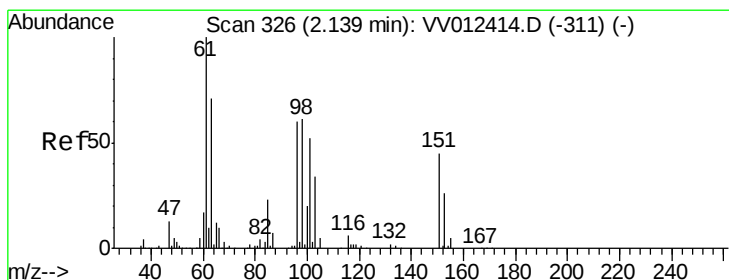
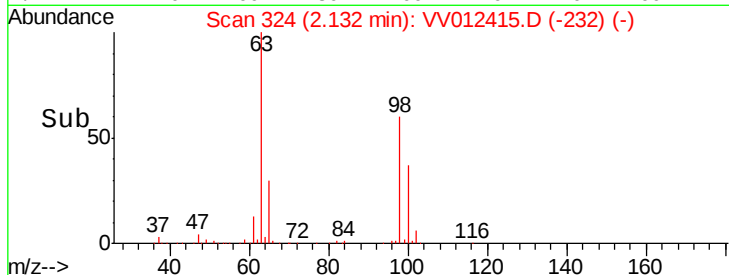
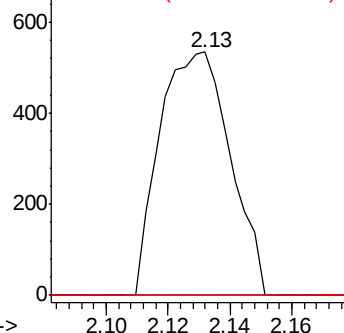
151 0.0 71.2 106.8#



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: 0.084 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012415.D

Acq: 27 Aug 2019 09:26

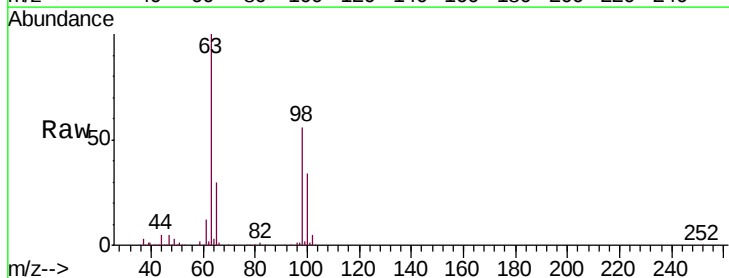
Tgt Ion: 96 Resp: 780

Ion Ratio Lower Upper

96 100

61 1382.8 122.3 227.1#

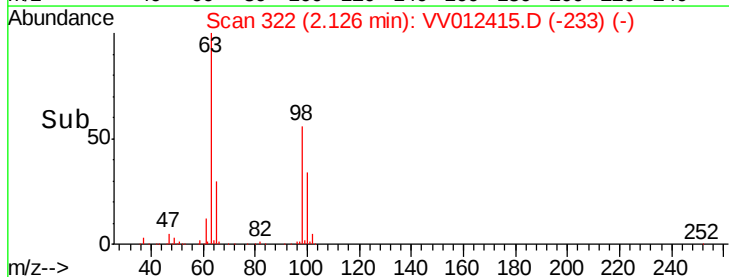
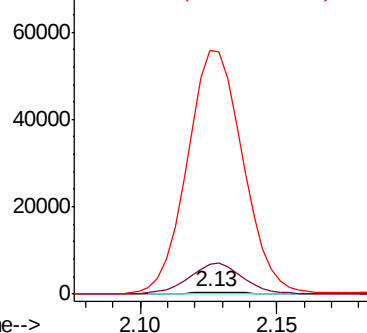
63 11423.0 90.6 168.2#

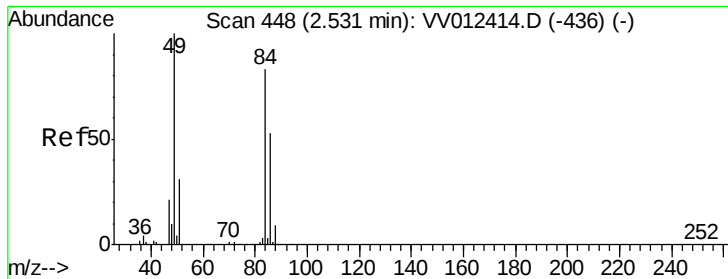


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

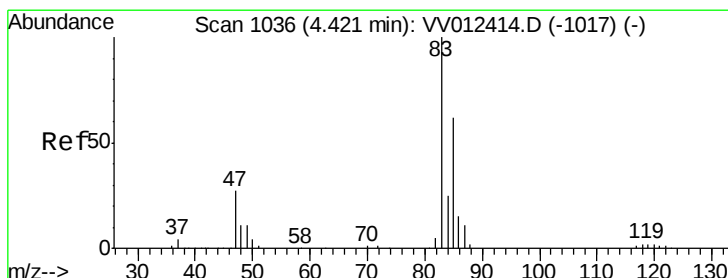
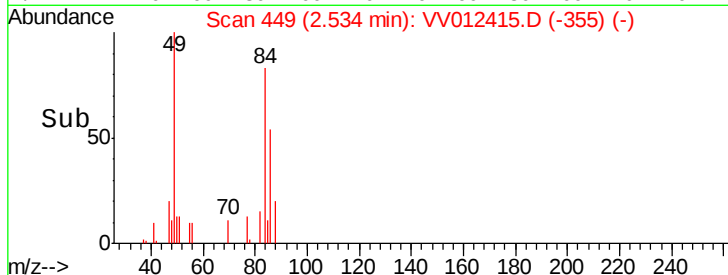
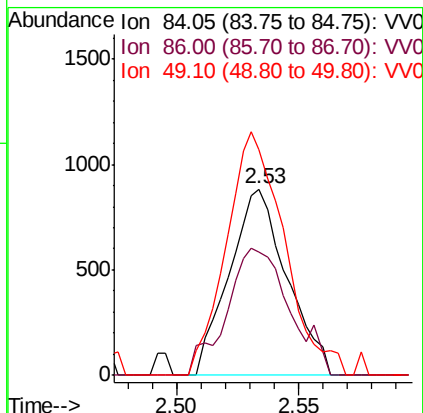
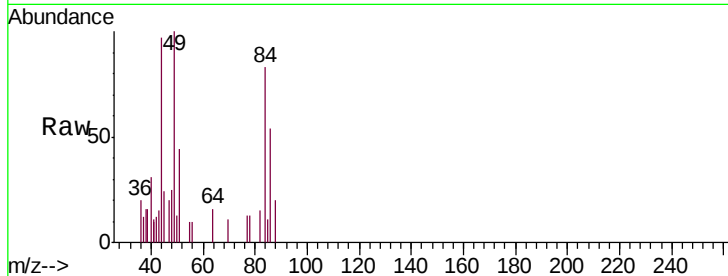




#16
Methylene chloride
Concen: 0.140 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012415.D
Acq: 27 Aug 2019 09:26

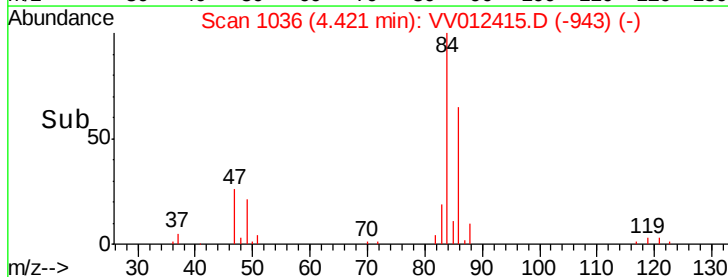
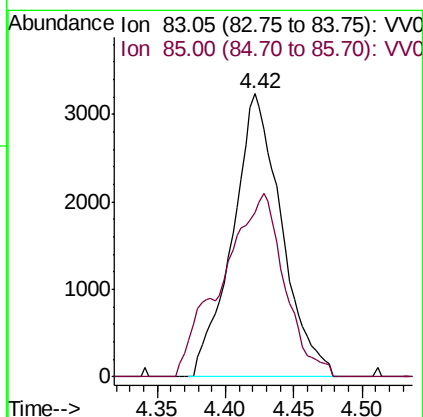
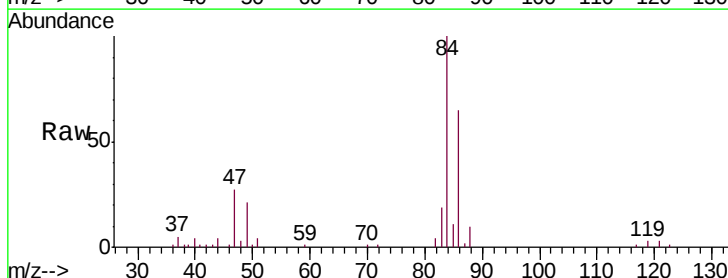
Instrument :
MSVOA_V
ClientSampled :
VBLK42

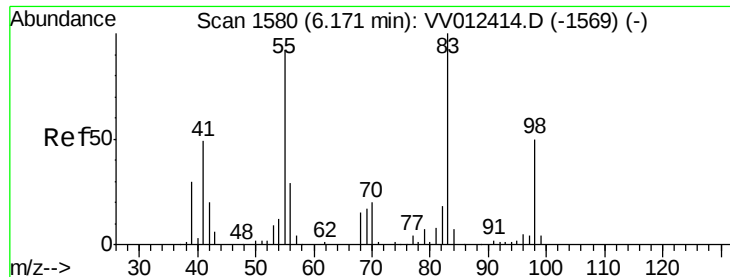
Tgt Ion: 84 Resp: 1448
Ion Ratio Lower Upper
84 100
86 65.8 44.9 83.5
49 120.8 81.1 150.7



#25
Chloroform
Concen: 0.282 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012415.D
Acq: 27 Aug 2019 09:26

Tgt Ion: 83 Resp: 8062
Ion Ratio Lower Upper
83 100
85 58.2 44.6 82.8

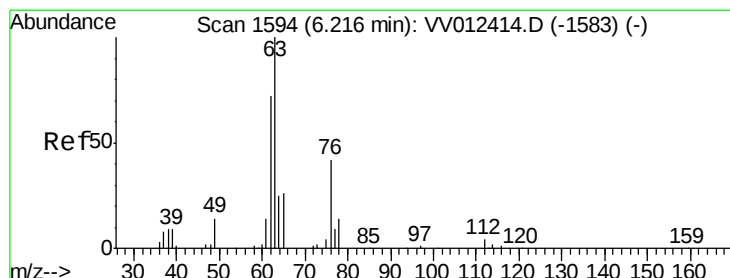
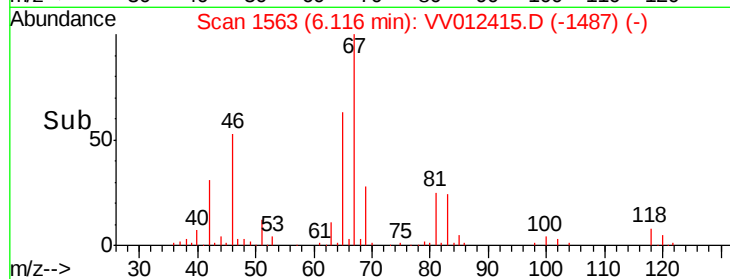
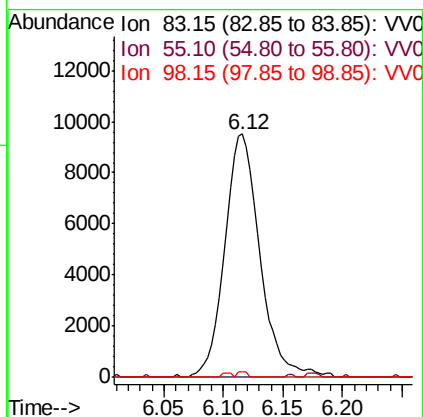
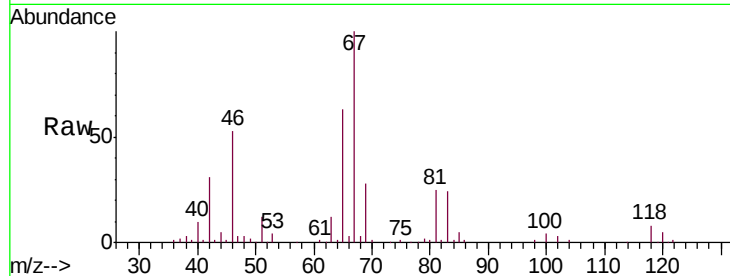




#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012415.D
Acq: 27 Aug 2019 09:26

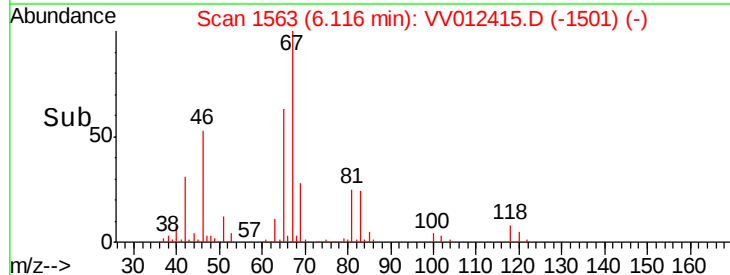
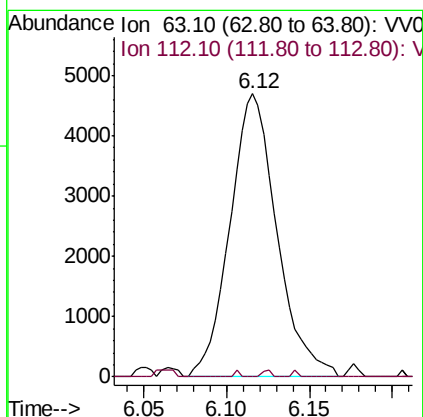
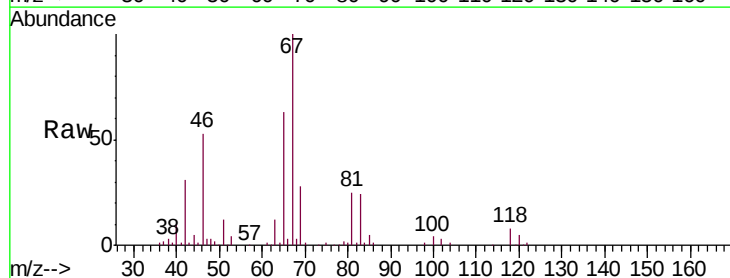
Instrument :
MSVOA_V
ClientSampled :
VBLK42

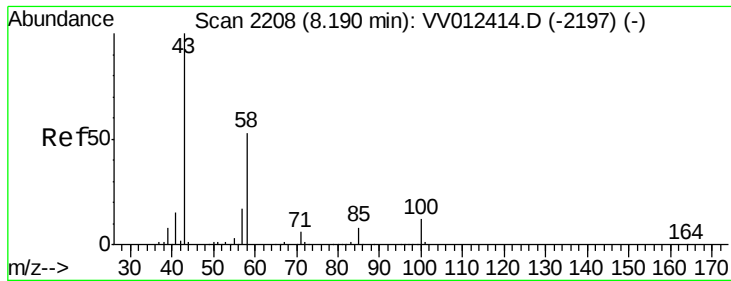
Tgt Ion: 83 Resp: 19534
Ion Ratio Lower Upper
83 100
55 0.3 64.6 97.0#
98 0.6 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012415.D
Acq: 27 Aug 2019 09:26

Tgt Ion: 63 Resp: 9260
Ion Ratio Lower Upper
63 100
112 0.5 4.2 6.2#

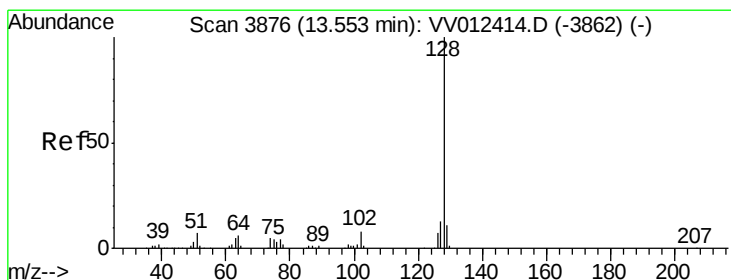
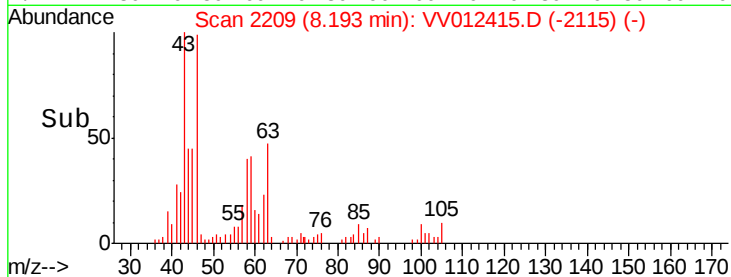
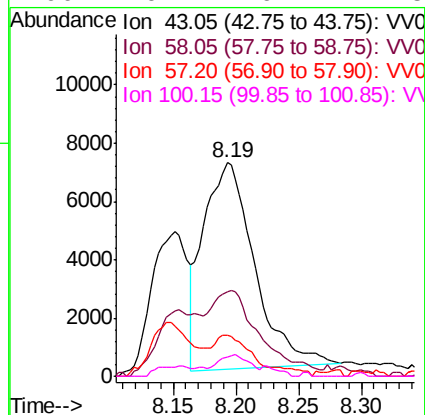
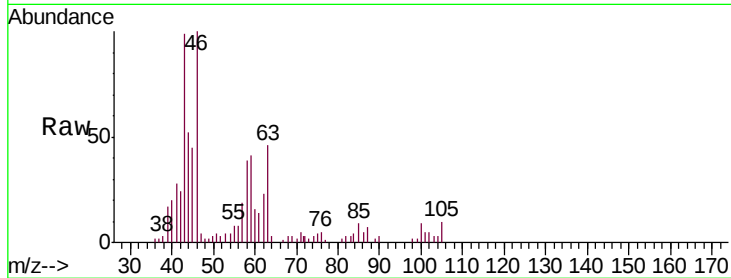




#48
2-Hexanone
Concen: 3.560 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV012415.D
Acq: 27 Aug 2019 09:26

Instrument :
MSVOA_V
ClientSampled :
VBLK42

Tgt Ion: 43 Resp: 20144
Ion Ratio Lower Upper
43 100
58 36.9 46.3 69.5#
57 16.3 14.9 22.3
100 6.4 9.7 14.5#



#69
Naphthalene
Concen: 0.094 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.01 min
Lab File: VV012415.D
Acq: 27 Aug 2019 09:26

Tgt Ion: 128 Resp: 1631
Ion Ratio Lower Upper
128 100
129 2.8 8.6 12.8#
127 7.7 10.5 15.7#

