

Data File : VV014049.D
Acq On : 13 Dec 2019 13:26
Operator : SY/MD
Sample : K6200-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFF06

Quant Time: Dec 14 03:27:43 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	352080	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	348565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112638	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	102070	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.13	63	141489	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.93	46	268800	59.34	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.68%
24) Chloroform-d	4.40	84	199637	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	106609	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	384165	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.11	67	129755	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	286343	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.80%#
43) trans-1,3-Dichloropropene-	7.66	79	41316	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.13	63	147657	38.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99857	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	127218	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

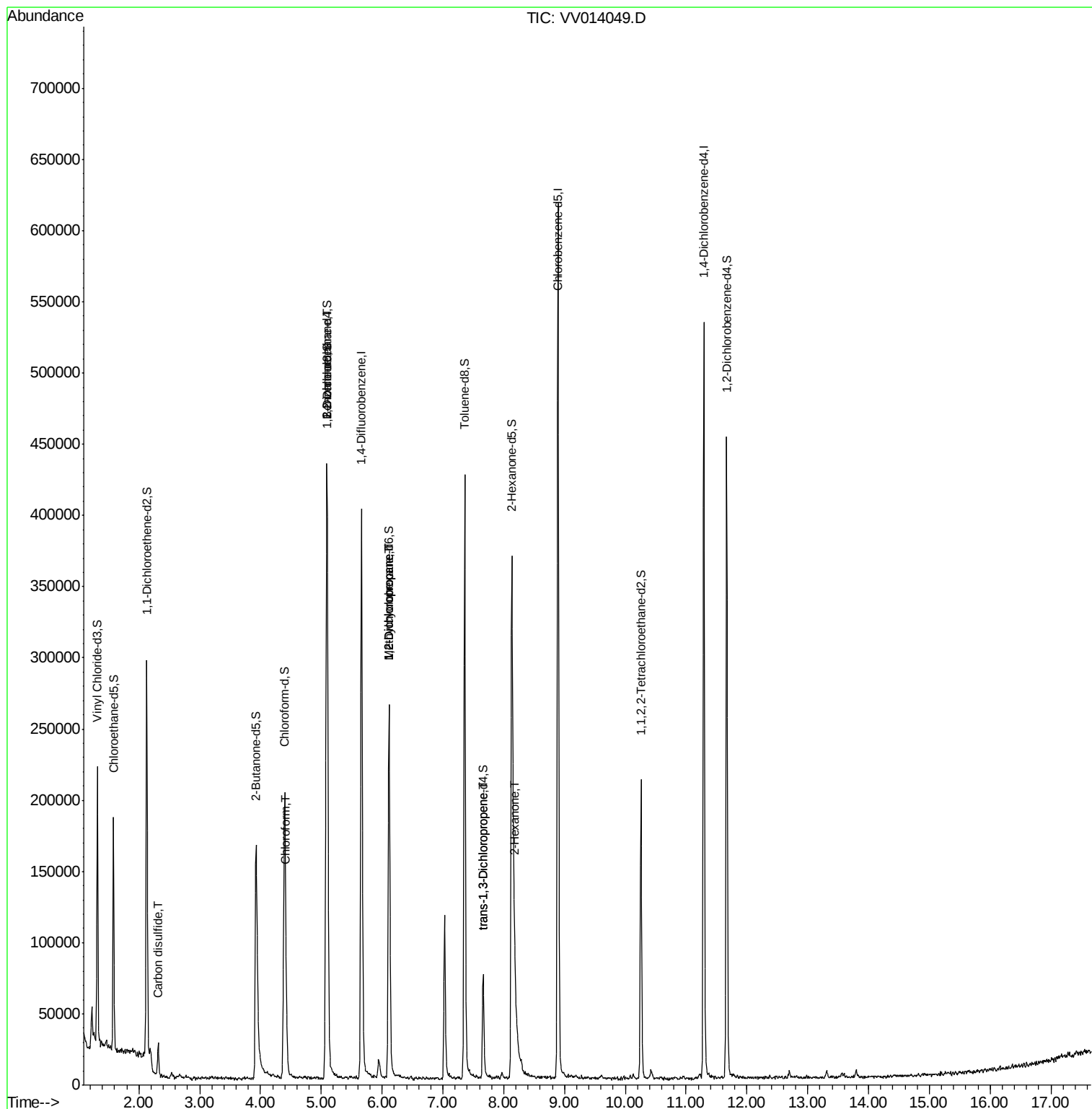
					Qvalue
14) Carbon disulfide	2.32	76	23892	0.611 ug/L	98
25) Chloroform	4.42	83	18494	0.457 ug/L	98
27) 1,2-Dichloroethane	5.10	62	2517	0.109 ug/L	98
35) Methylcyclohexane	6.12	83	29911	0.950 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	14259	0.649 ug/L #	84
44) trans-1,3-Dichloropropene	7.66	75	2071	0.085 ug/L #	53
48) 2-Hexanone	8.18	43	22243	2.430 ug/L #	63

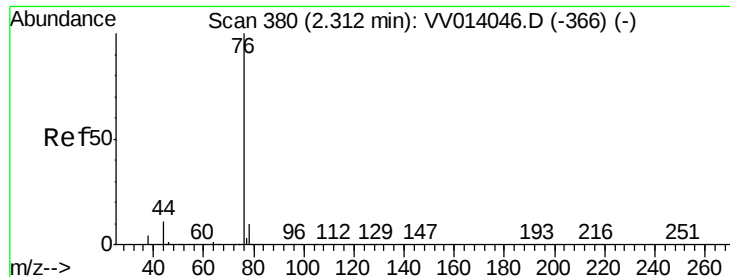
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.611 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

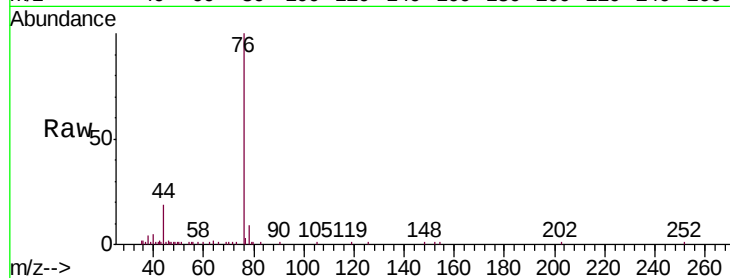
BFF06

Tgt Ion: 76 Resp: 23892

Ion Ratio Lower Upper

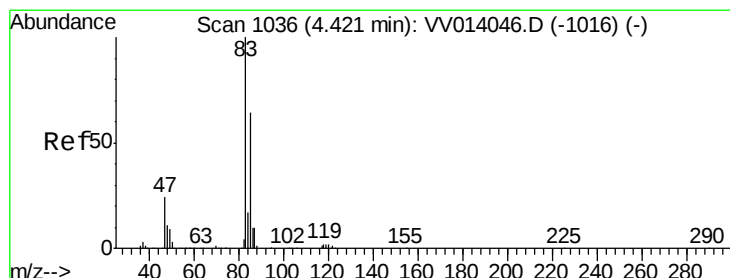
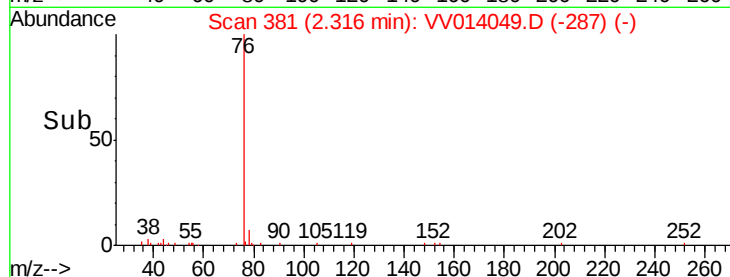
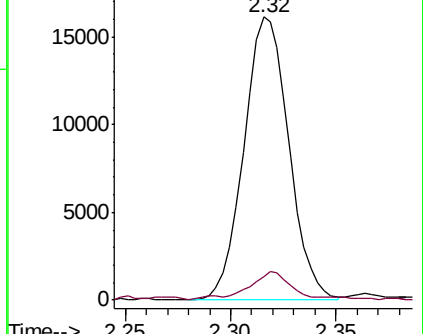
76 100

78 8.5 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: 0.457 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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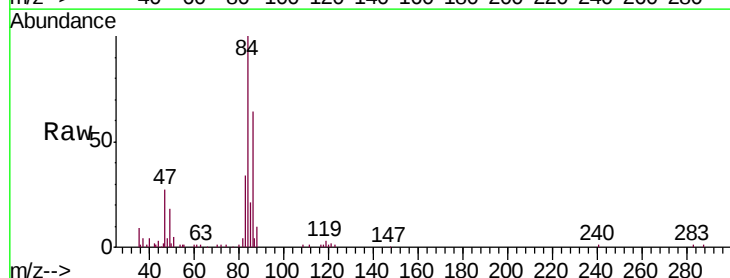
Acq: 13 Dec 2019 13:26

Tgt Ion: 83 Resp: 18494

Ion Ratio Lower Upper

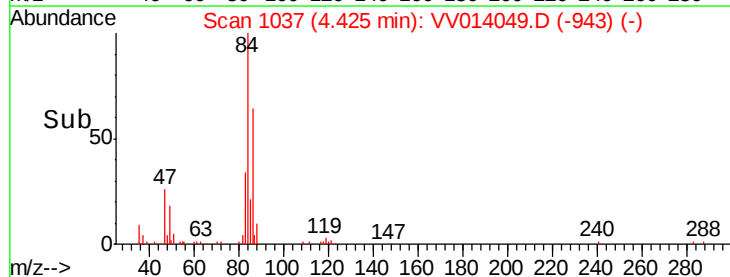
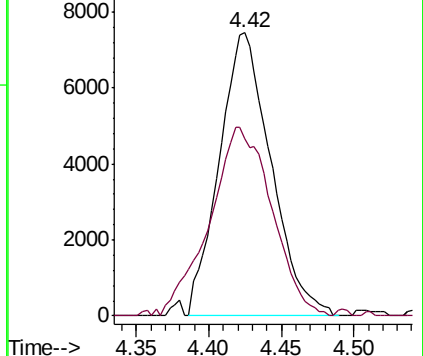
83 100

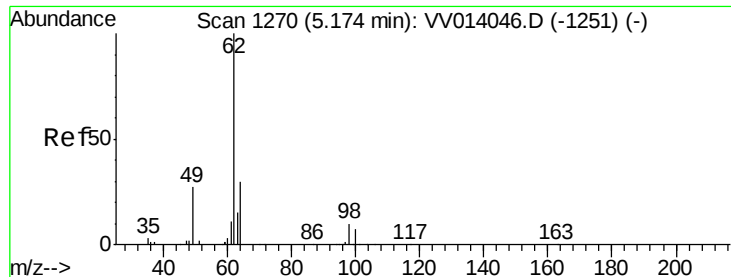
85 62.5 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.109 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV014049.D

Acq: 13 Dec 2019 13:26

Instrument :

MSVOA_V

ClientSampled :

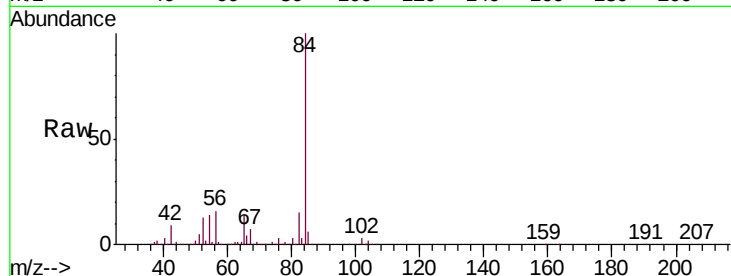
BFF06

Tgt Ion: 62 Resp: 2517

Ion Ratio Lower Upper

62 100

98 9.3 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VV014046.D (-1251) (-)

Ion 98.05 (97.75 to 98.75): VV014046.D (-1251) (-)

5.10

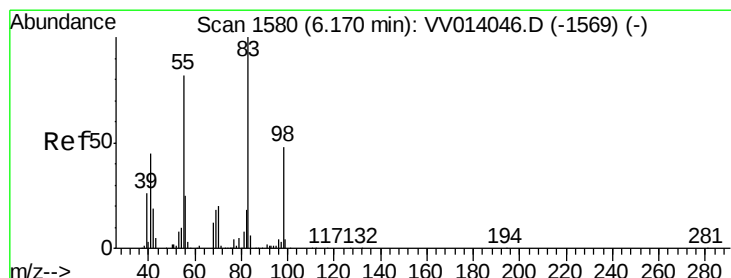
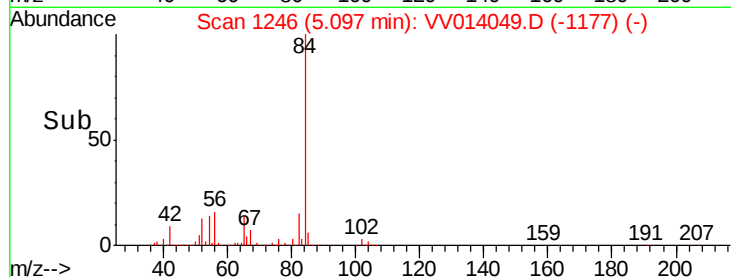
1000

500

0

Time-->

5.05 5.10 5.15



#35

Methylcyclohexane

Concen: 0.950 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014049.D

Acq: 13 Dec 2019 13:26

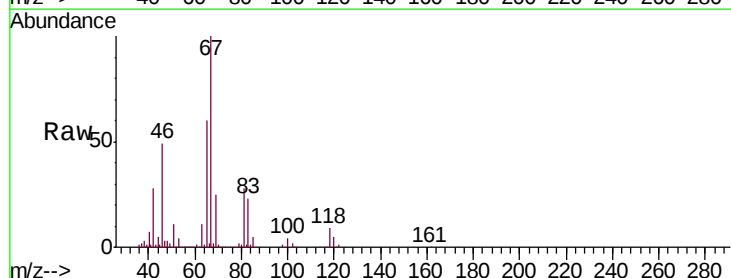
Tgt Ion: 83 Resp: 29911

Ion Ratio Lower Upper

83 100

55 1.2 60.3 90.5#

98 1.6 38.1 57.1#



Abundance Ion 83.15 (82.85 to 83.85): VV014049.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV014049.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV014049.D (-1487) (-)

20000

15000

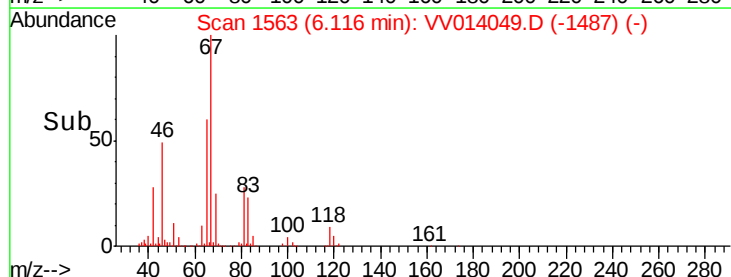
10000

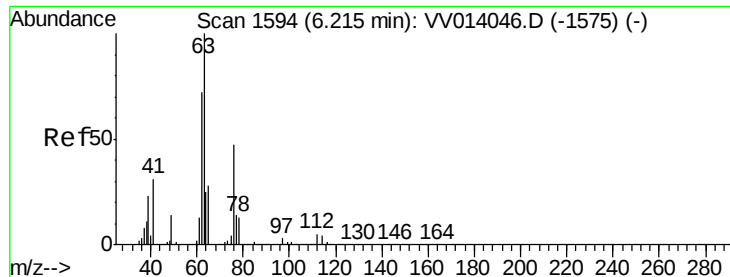
5000

0

Time-->

6.05 6.10 6.15 6.20

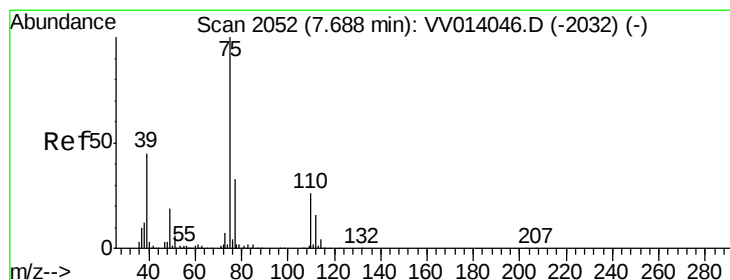
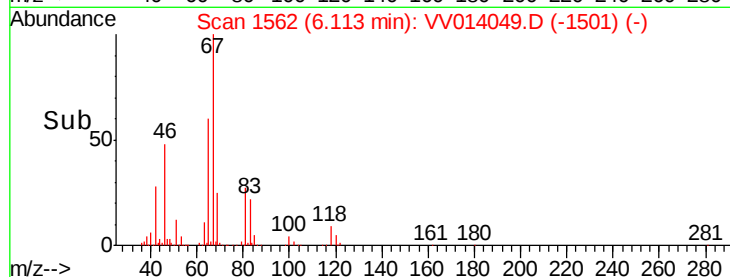
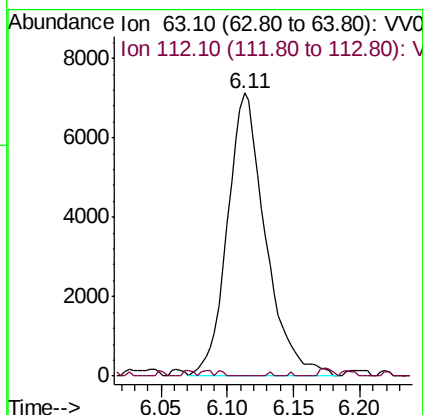
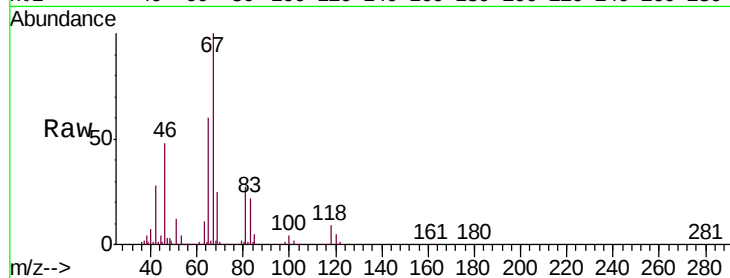




#37
 1,2-Dichloropropane
 Concen: 0.649 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014049.D
 Acq: 13 Dec 2019 13:26

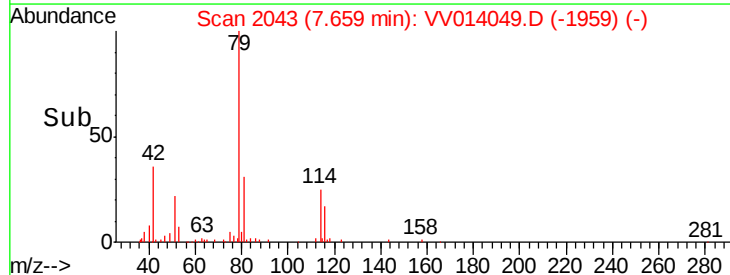
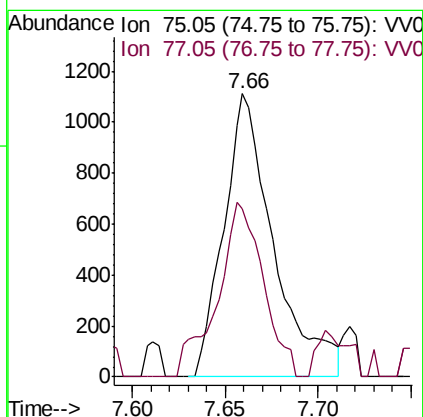
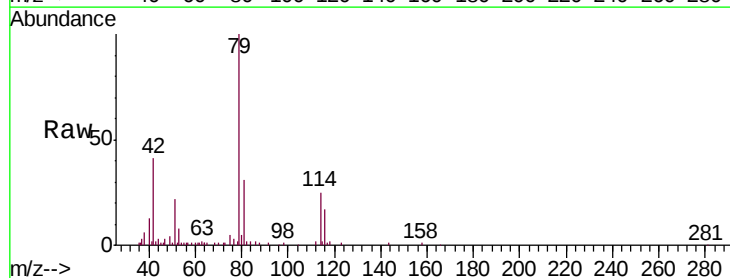
Instrument :
 MSVOA_V
 ClientSampleId :
 BFF06

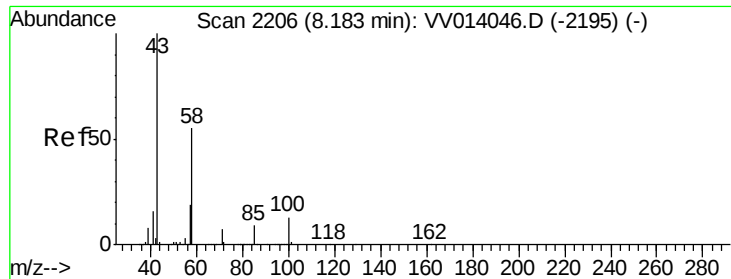
Tgt Ion: 63 Resp: 14259
 Ion Ratio Lower Upper
 63 100
 112 0.1 4.4 6.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV014049.D
 Acq: 13 Dec 2019 13:26

Tgt Ion: 75 Resp: 2071
 Ion Ratio Lower Upper
 75 100
 77 59.4 23.0 42.8#





#48

2-Hexanone

Concen: 2.430 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV014049.D

Acq: 13 Dec 2019 13:26

Instrument :
MSVOA_V
ClientSampleId :
BFF06

Tgt Ion: 43 Resp: 22243

Ion Ratio Lower Upper

43 100

58 24.9 43.2 64.8#

57 0.0 15.4 23.2#

100 8.8 10.4 15.6#

