

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081419\
 Data File : VV012232.D
 Acq On : 14 Aug 2019 10:51
 Operator : SY/MD
 Sample : VV0814WBL01
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 15 18:08:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 15 18:05:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	204998	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	201849	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	83702	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61630	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	51640	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.13	63	73847	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.97	46	154312	56.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.14%
24) Chloroform-d	4.40	84	126670	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.08	65	65460	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.10	84	255876	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	77962	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	218149	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	28526	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.14	63	90009	48.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53675	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	77885	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

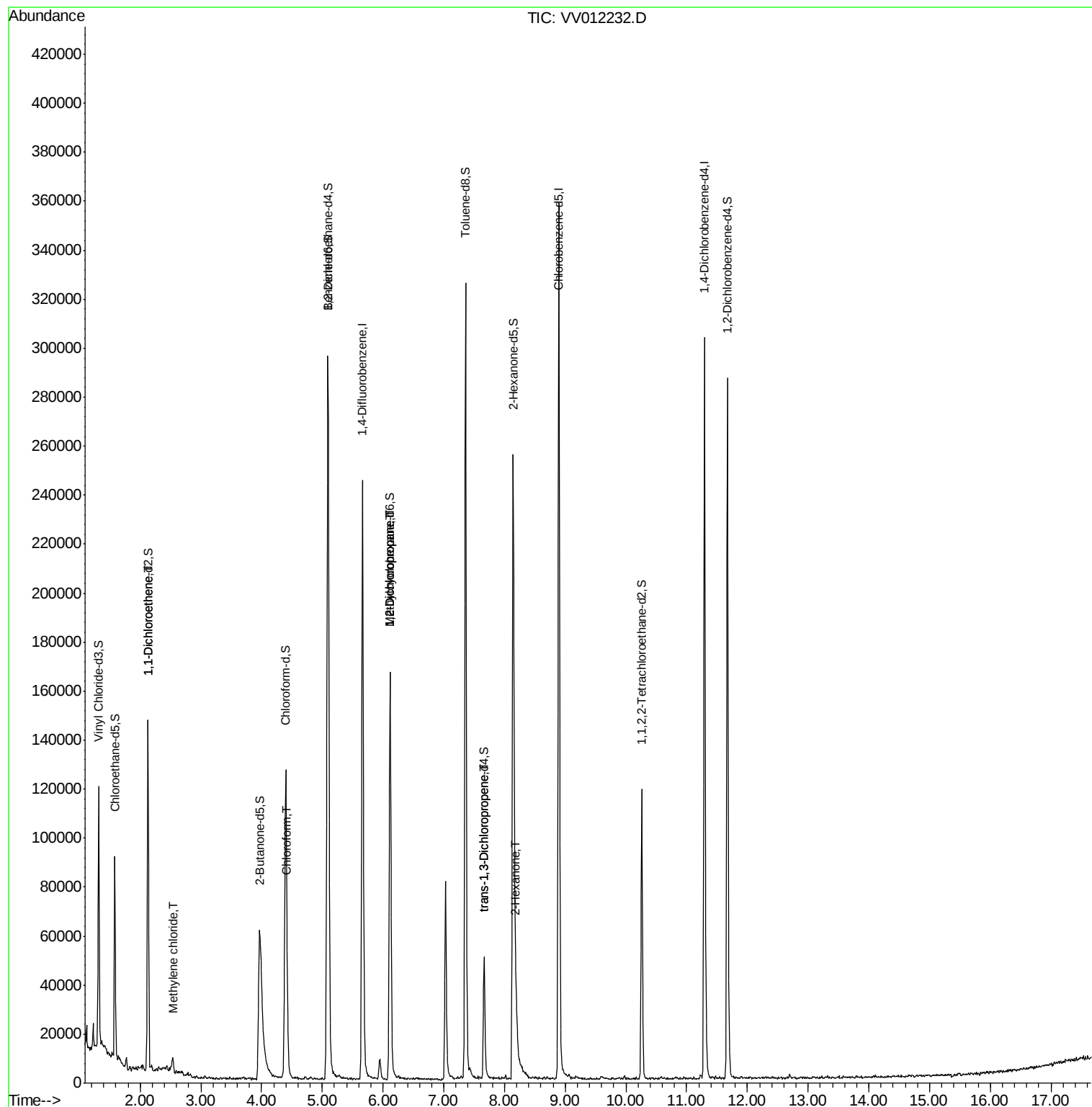
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	859	0.080	ug/L #	1
16) Methylene chloride	2.53	84	1814	0.156	ug/L	94
25) Chloroform	4.43	83	5894	0.197	ug/L	98
35) Methylcyclohexane	6.12	83	19504	0.761	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	8604	0.566	ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	1548	0.094	ug/L	94
48) 2-Hexanone	8.19	43	14616	2.483	ug/L #	85

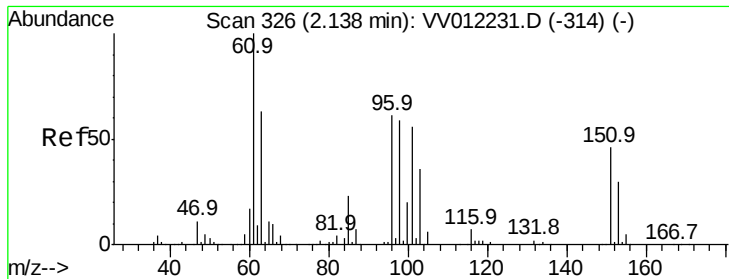
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 15 18:05:57 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012232.D

Acq: 14 Aug 2019 10:51

Instrument :

MSVOA_V

ClientSampleId :

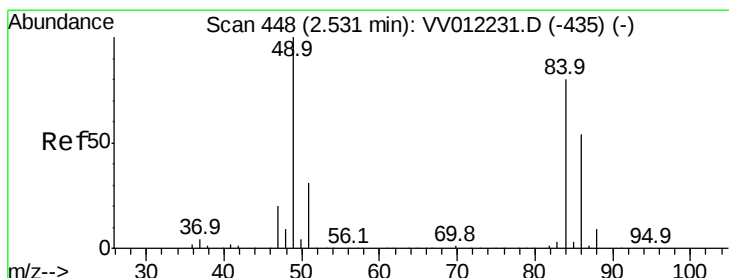
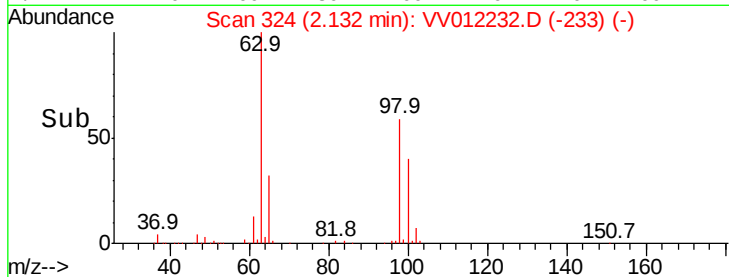
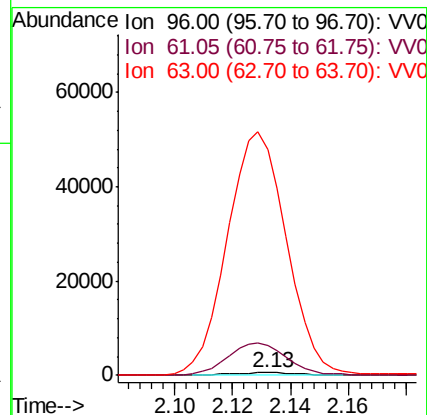
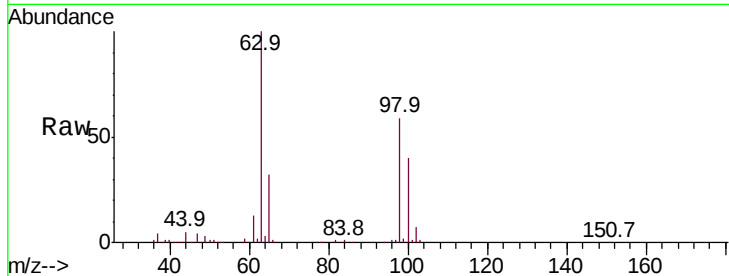
Tot Ion: 96 Resp: 859

Ion Ratio Lower Upper

96 100

61 1140.0 119.3 221.5#

63 8669.6 74.9 139.1#



#16

Methylene chloride

Concen: 0.156 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012232.D

Acq: 14 Aug 2019 10:51

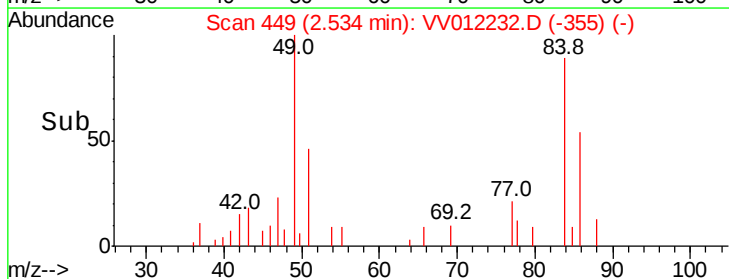
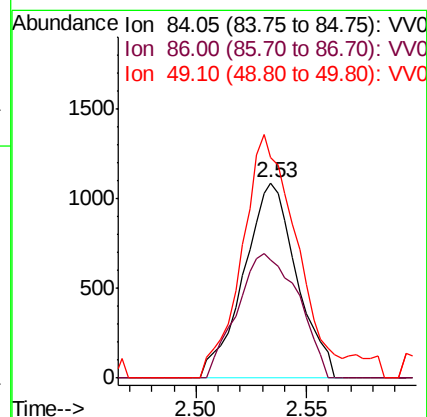
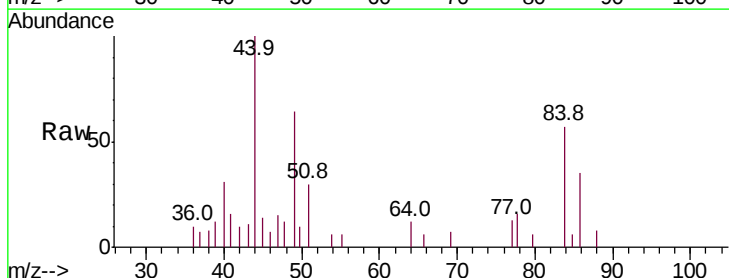
Tgt Ion: 84 Resp: 1814

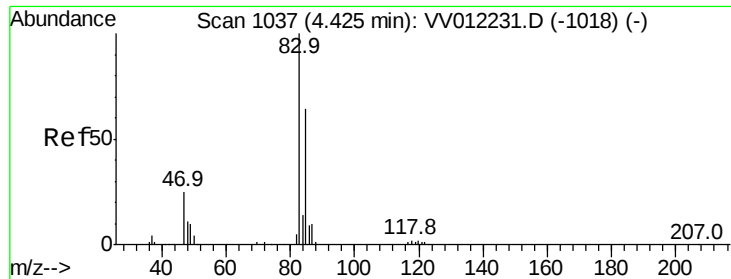
Ion Ratio Lower Upper

84 100

86 60.4 44.4 82.5

49 130.1 85.1 158.1





#25

Chloroform

Concen: 0.197 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012232.D

Acq: 14 Aug 2019 10:51

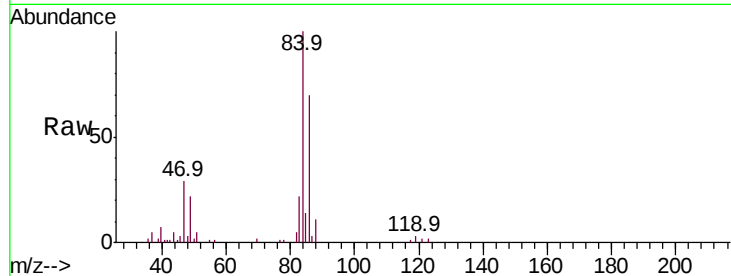
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 5894

Ion Ratio Lower Upper

83 100

85 64.9 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV012231.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV012231.D (-1018) (-)

2500

2000

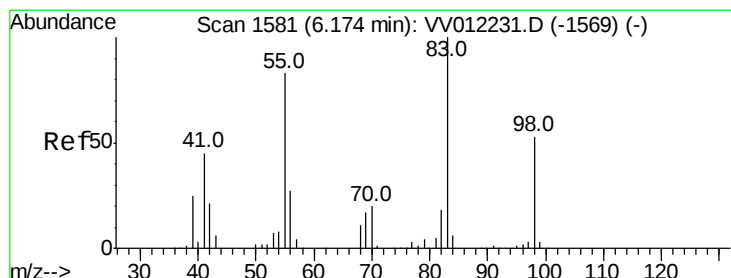
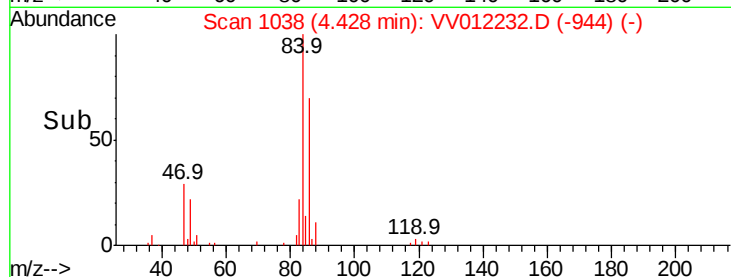
1500

1000

500

0

Time--> 4.35 4.40 4.45 4.50



#35

Methylcyclohexane

Concen: 0.761 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012232.D

Acq: 14 Aug 2019 10:51

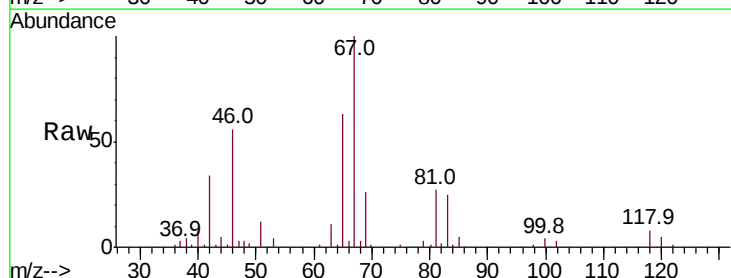
Tgt Ion: 83 Resp: 19504

Ion Ratio Lower Upper

83 100

55 1.0 62.2 93.2#

98 1.1 39.2 58.8#



Abundance Ion 83.15 (82.85 to 83.85): VV012231.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV012231.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV012231.D (-1569) (-)

12000

10000

8000

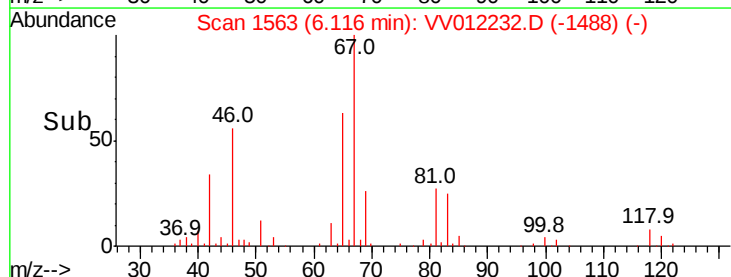
6000

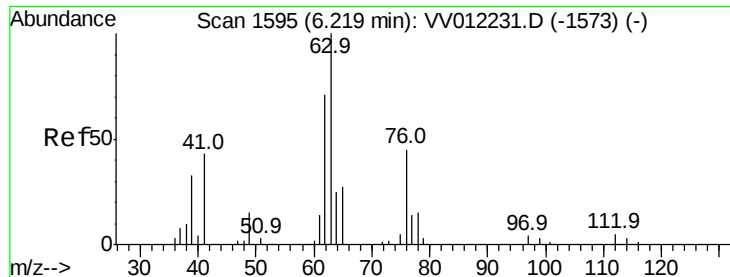
4000

2000

0

Time--> 6.05 6.10 6.15 6.20





#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012232.D

Acq: 14 Aug 2019 10:51

Instrument :

MSVOA_V

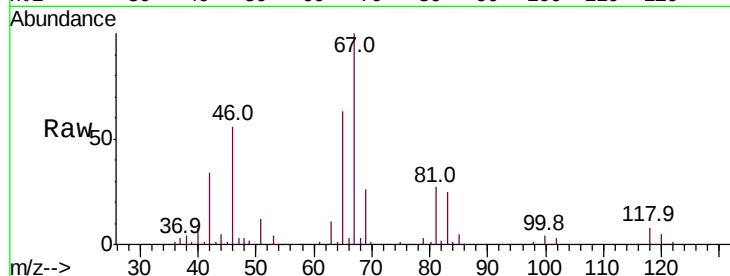
ClientSampleId :

Tot Ion: 63 Resp: 8604

Ion Ratio Lower Upper

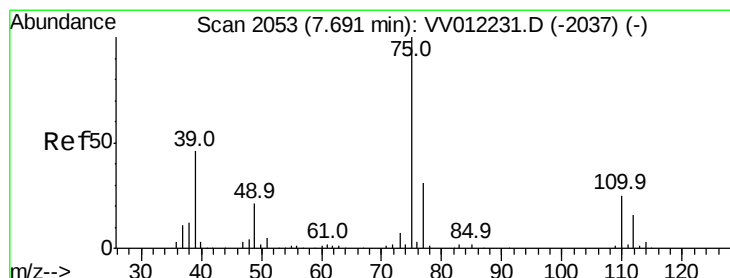
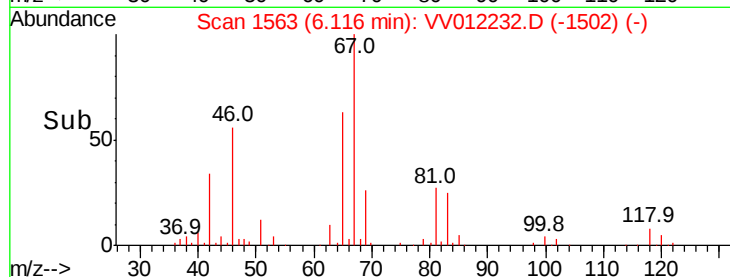
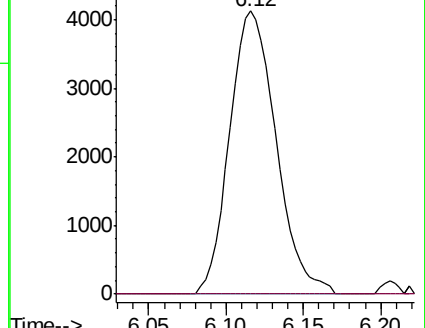
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV012232.D (-1502) (-)

Ion 112.10 (111.80 to 112.80): VV012232.D (-1502) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012232.D

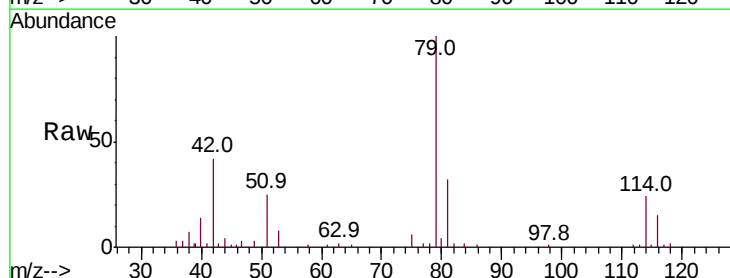
Acq: 14 Aug 2019 10:51

Tgt Ion: 75 Resp: 1548

Ion Ratio Lower Upper

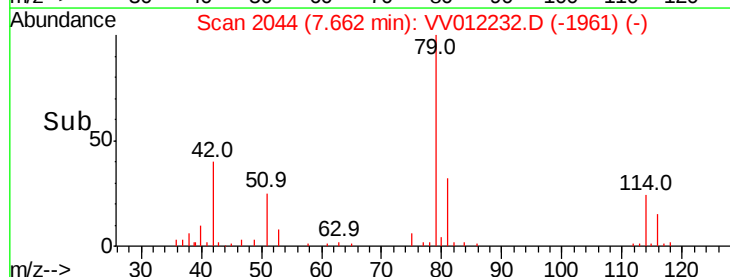
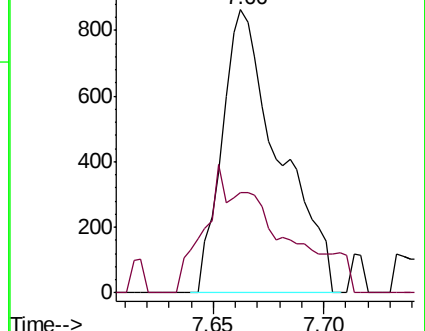
75 100

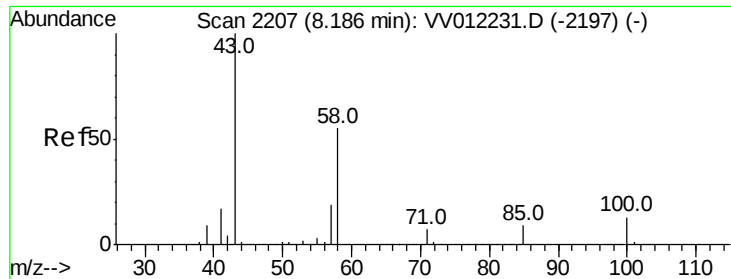
77 35.3 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV012232.D (-1961) (-)

Ion 77.05 (76.75 to 77.75): VV012232.D (-1961) (-)





#48

2-Hexanone

Concen: 2.483 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV012232.D

Acq: 14 Aug 2019 10:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14616

Ion Ratio Lower Upper

43 100

58 41.3 43.0 64.4#

57 14.9 14.9 22.3

100 7.5 10.3 15.5#

