

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013626.D
 Acq On : 14 Nov 2019 17:39
 Operator : SY/MD
 Sample : K5856-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 15 02:44:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	327795	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	341216	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	149070	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110758	5.26	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	96309	5.74	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.80%
11) 1,1-Dichloroethene-d2	2.13	63	144992	4.02	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.92	46	276880	73.43	ug/L	-0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.86%#
24) Chloroform-d	4.40	84	224982	6.23	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.60%
26) 1,2-Dichloroethane-d4	5.08	65	116681	6.62	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.40%#
32) Benzene-d6	5.10	84	434436	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.11	67	138169	4.90	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	351892	4.22	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	48873	4.66	ug/L	-0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.13	63	206001	49.21	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	97236	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	149195	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

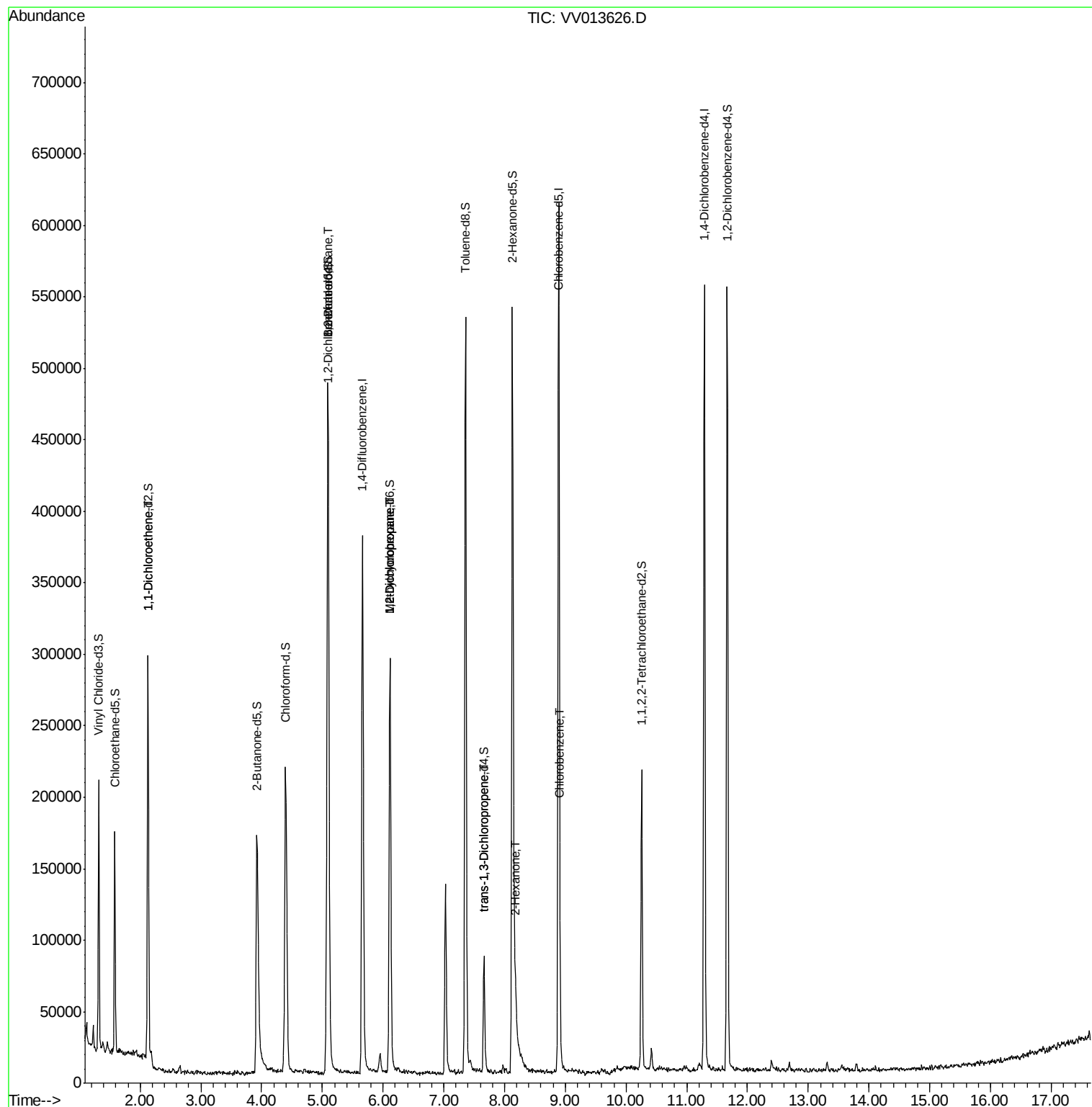
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1758	0.092 ug/L #	1
27) 1,2-Dichloroethane	5.10	62	2976	0.119 ug/L	99
35) Methylcyclohexane	6.11	83	33976	0.836 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	15023	0.584 ug/L #	99
44) trans-1,3-Dichloropropene	7.66	75	2405	0.088 ug/L	83
48) 2-Hexanone	8.18	43	12784	1.262 ug/L #	92
51) Chlorobenzene	8.92	112	4797	0.068 ug/L	90

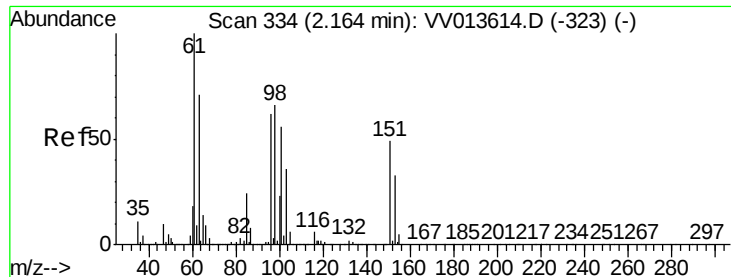
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.04 min

Lab File: VV013626.D

Acq: 14 Nov 2019 17:39

Instrument :
MSVOA_V
ClientSampled :

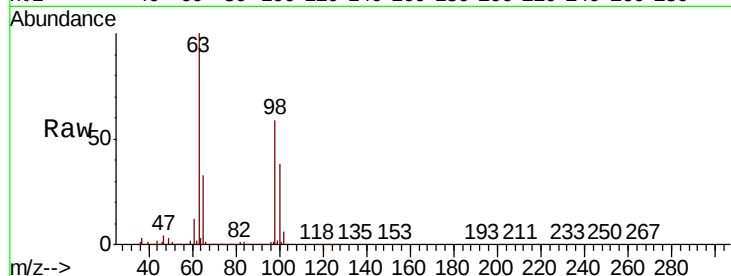
Tot Ion: 96 Resp: 1758

Ion Ratio Lower Upper

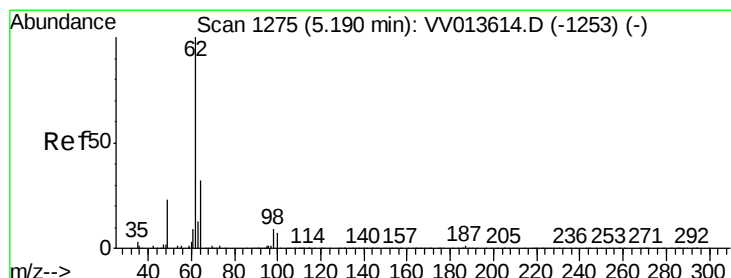
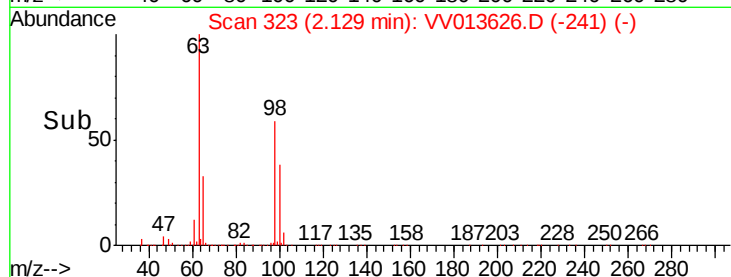
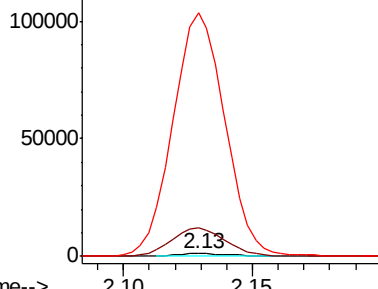
96 100

61 1059.0 115.6 214.6#

63 9047.6 87.2 162.0#



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



#27

1,2-Dichloroethane

Concen: 0.119 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.09 min

Lab File: VV013626.D

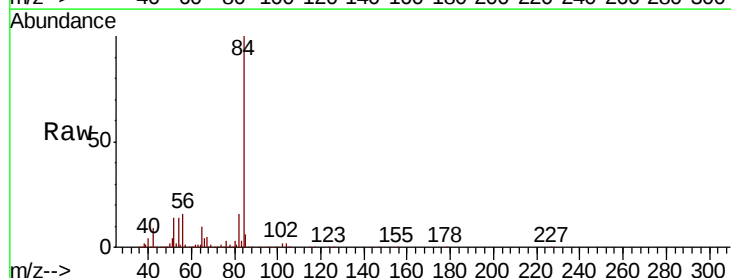
Acq: 14 Nov 2019 17:39

Tgt Ion: 62 Resp: 2976

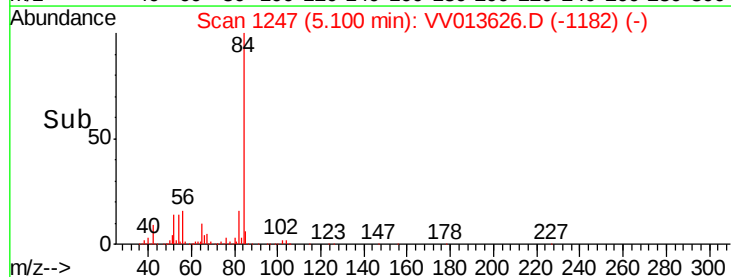
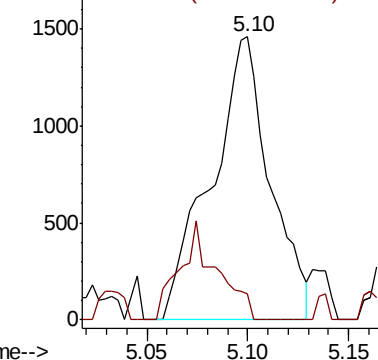
Ion Ratio Lower Upper

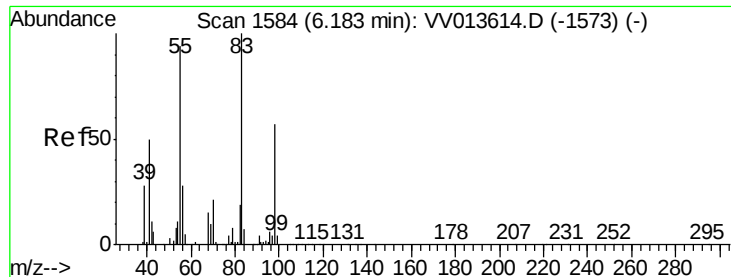
62 100

98 9.1 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.05 (97.75 to 98.75): VV0

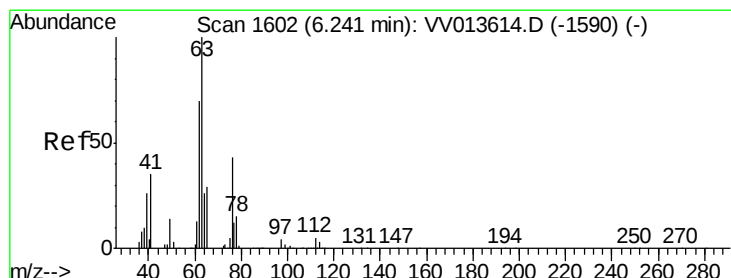
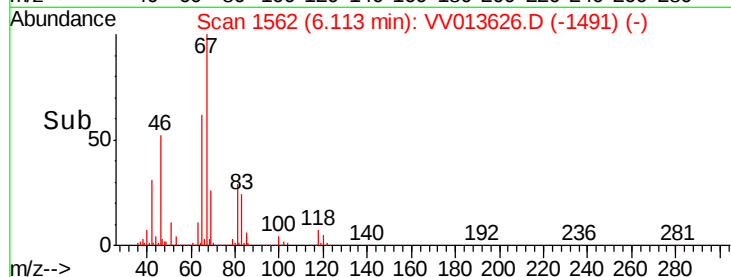
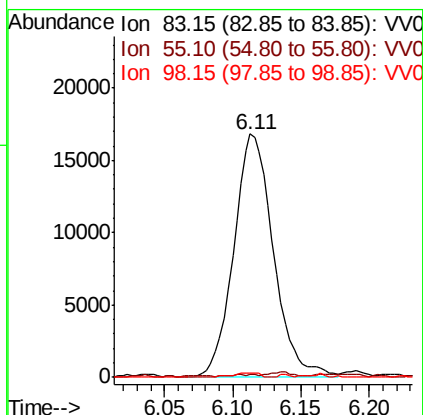
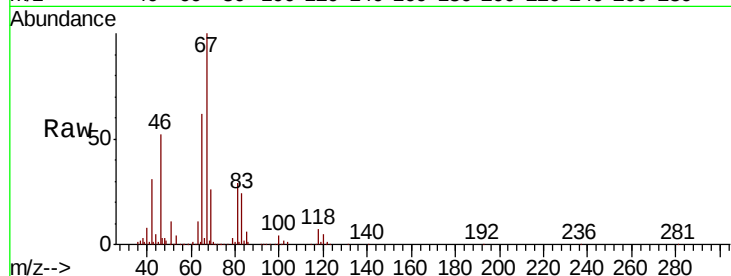




#35
Methvlcvclohexane
Concen: 0.836 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.07 min
Lab File: VV013626.D
Acq: 14 Nov 2019 17:39

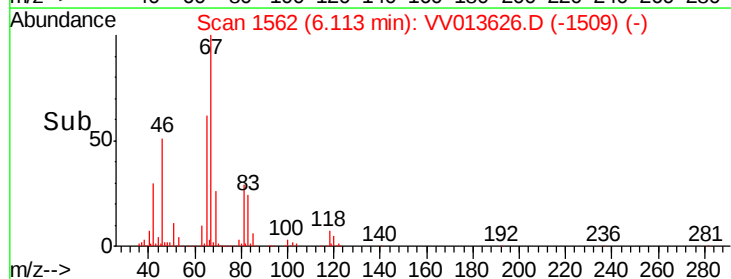
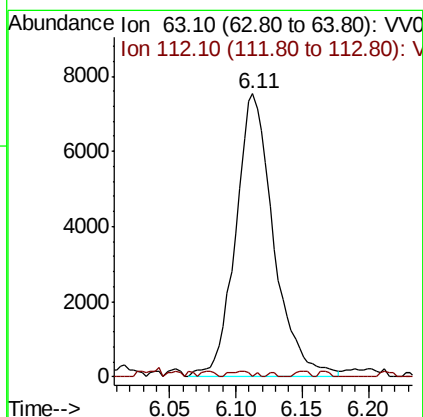
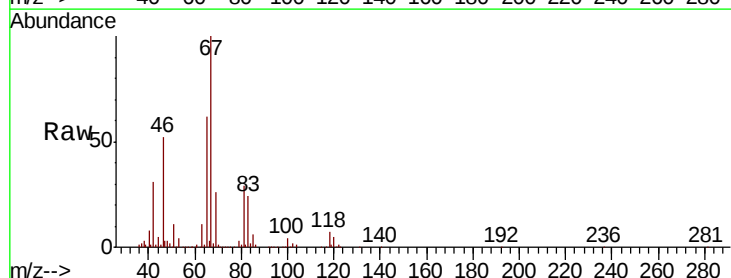
Instrument :
MSVOA_V
ClientSampleId :

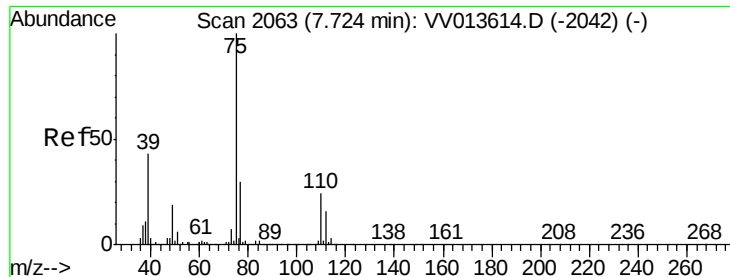
Tot Ion: 83 Resp: 33976
Ion Ratio Lower Upper
83 100
55 0.4 67.0 100.4#
98 1.3 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.13 min
Lab File: VV013626.D
Acq: 14 Nov 2019 17:39

Tgt Ion: 63 Resp: 15023
Ion Ratio Lower Upper
63 100
112 1.1 0.2 0.2#





#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.06 min

Lab File: VV013626.D

Acq: 14 Nov 2019 17:39

Instrument :

MSVOA_V

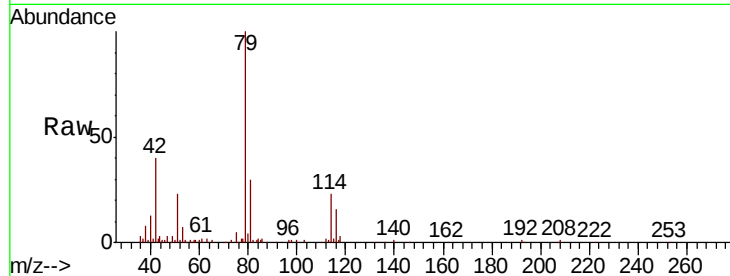
ClientSampled :

Tot Ion: 75 Resp: 2405

Ion Ratio Lower Upper

75 100

77 42.8 23.2 43.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

1500

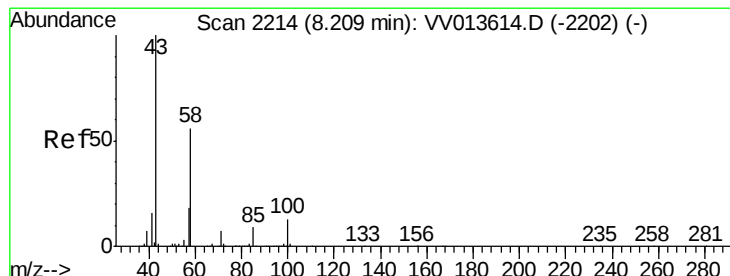
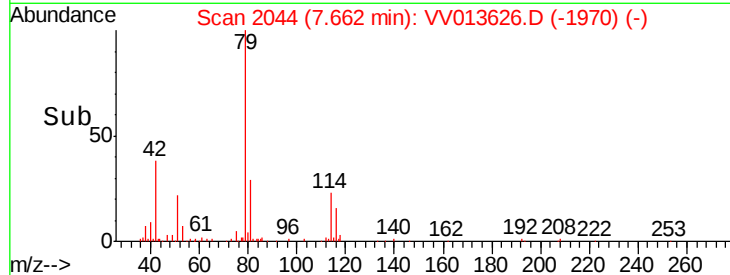
1000

500

0

7.65 7.70

Time-->



#48

2-Hexanone

Concen: 1.262 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.03 min

Lab File: VV013626.D

Acq: 14 Nov 2019 17:39

Tgt Ion: 43 Resp: 12784

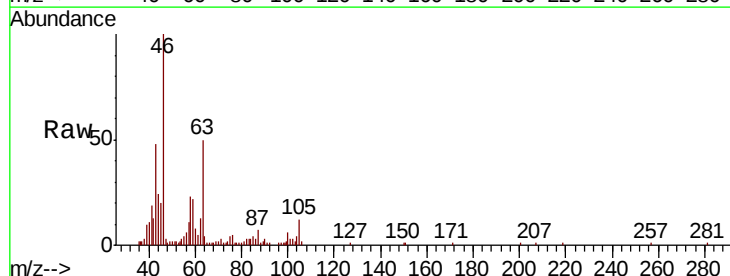
Ion Ratio Lower Upper

43 100

58 49.7 45.1 67.7

57 20.3 14.6 21.8

100 9.7 10.2 15.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

20000

15000

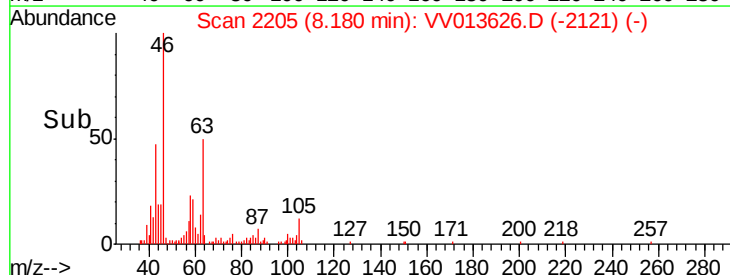
10000

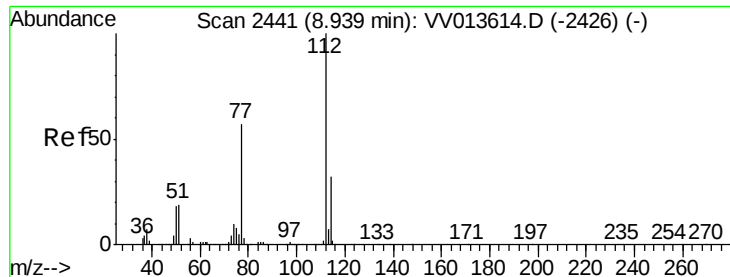
5000

0

8.15 8.20 8.25

Time-->





#51

Chlorobenzene

Concen: 0.068 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.02 min

Lab File: VV013626.D

Acq: 14 Nov 2019 17:39

Instrument :

MSVOA_V

ClientSampleId :

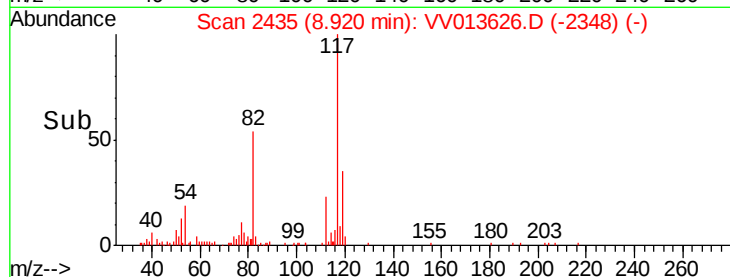
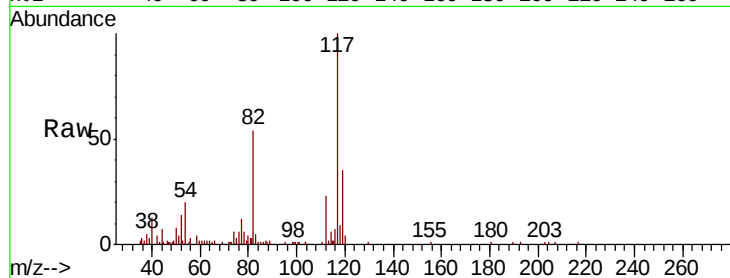
Tot Ion:112 Resp: 4797

Ion Ratio Lower Upper

112 100

114 24.4 22.3 41.5

77 51.3 46.0 69.0



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

