

Data File : VV013560.D
Acq On : 09 Nov 2019 00:33
Operator : SY/MD
Sample : K5747-23
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J20

Quant Time: Nov 09 01:18:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 01:14:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	364085	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	368872	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74467	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	68066	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.13	63	96409	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.97	46	288223	52.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	4.40	84	205419	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.08	65	118063	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.09	84	367994	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	132786	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	279034	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.66	79	45462	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.13	63	179520	46.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97904	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	144330	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

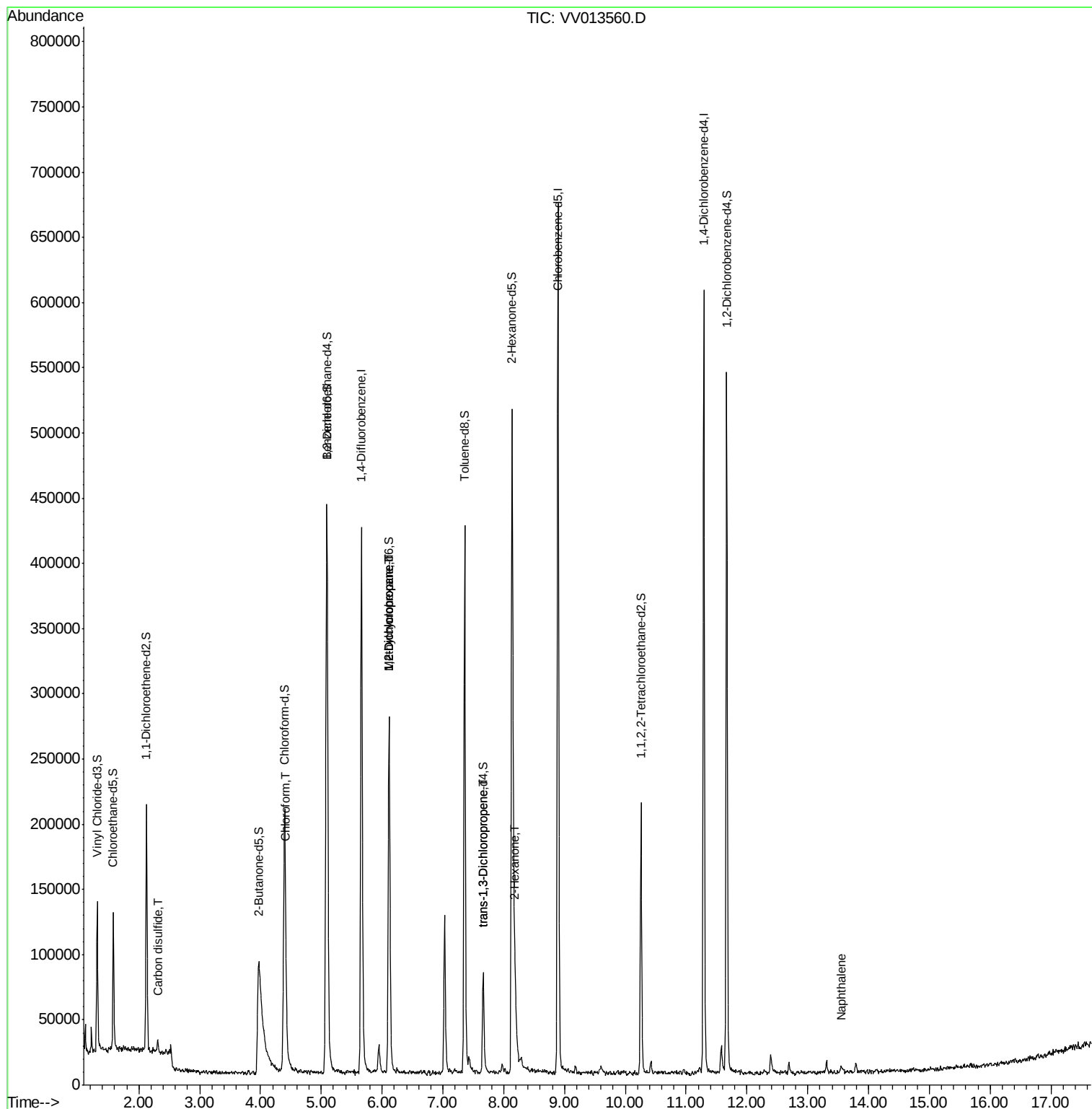
					Qvalue
14) Carbon disulfide	2.31	76	9094	0.138 ug/L #	90
25) Chloroform	4.42	83	14485	0.262 ug/L	92
35) Methylcyclohexane	6.12	83	32063	0.683 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	14564	0.517 ug/L #	92
44) trans-1,3-Dichloropropene	7.66	75	1943	0.063 ug/L	98
48) 2-Hexanone	8.19	43	40258	3.507 ug/L #	84
69) Naphthalene	13.55	128	4279	0.093 ug/L	96

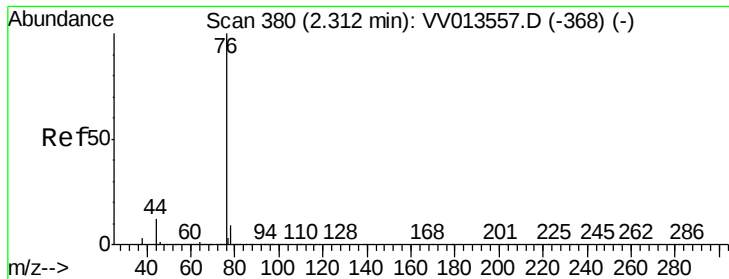
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013560.D
Acq On : 09 Nov 2019 00:33
Operator : SY/MD
Sample : K5747-23
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J20

Quant Time: Nov 09 01:18:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 01:14:21 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.138 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV013560.D

Acq: 09 Nov 2019 00:33

Instrument :

MSVOA_V

ClientSampleId :

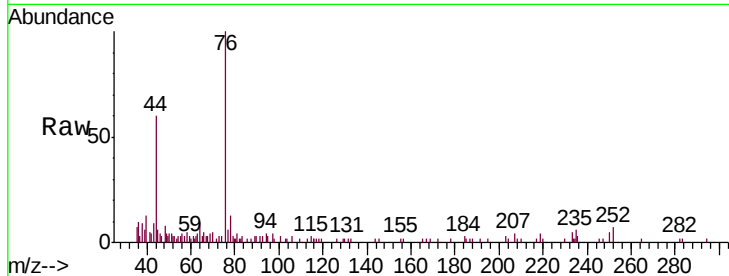
F2J20

Tgt Ion: 76 Resp: 9094

Ion Ratio Lower Upper

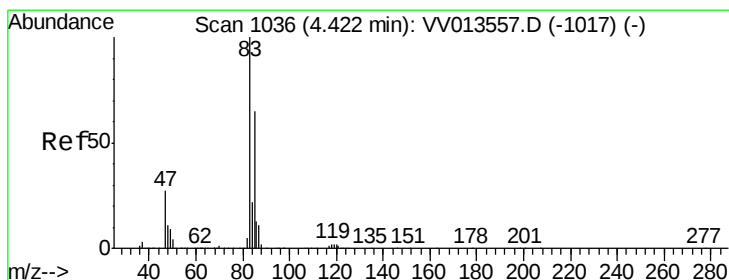
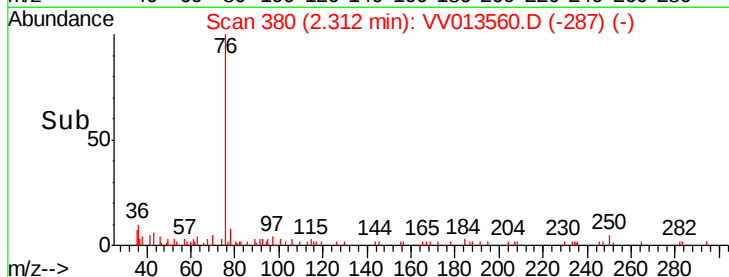
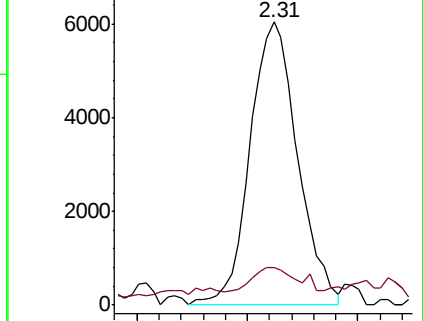
76 100

78 13.1 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: 0.262 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV013560.D

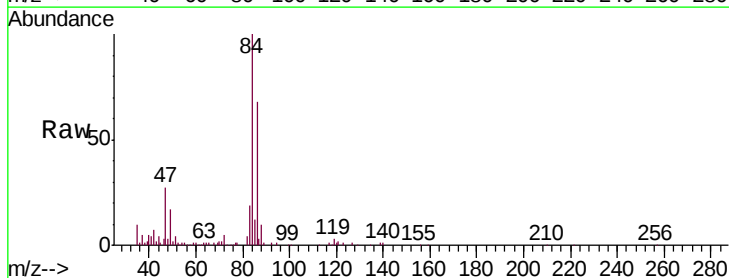
Acq: 09 Nov 2019 00:33

Tgt Ion: 83 Resp: 14485

Ion Ratio Lower Upper

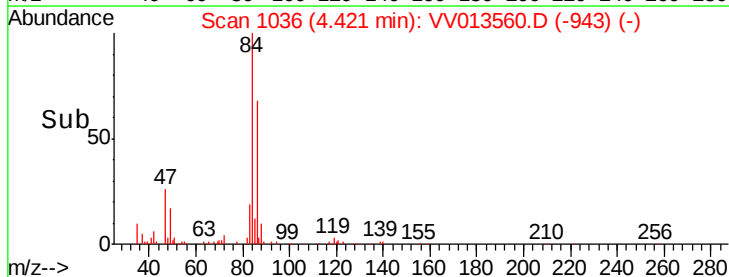
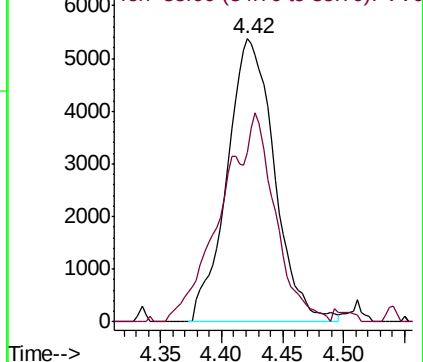
83 100

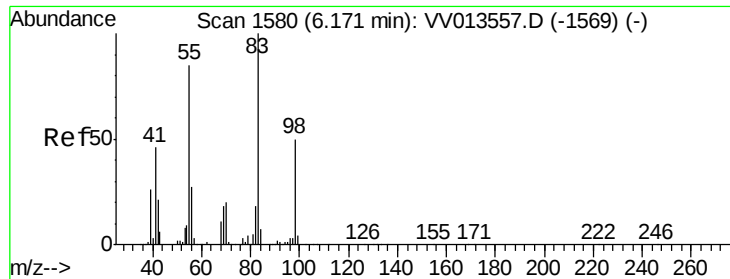
85 60.0 46.3 86.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

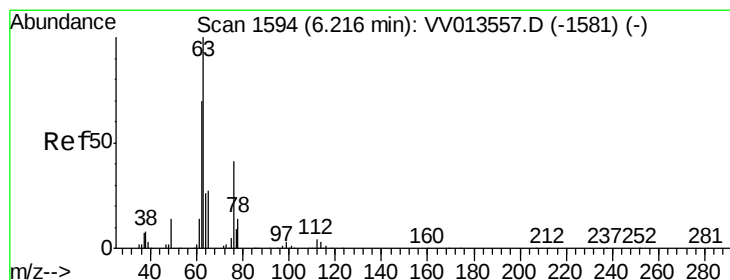
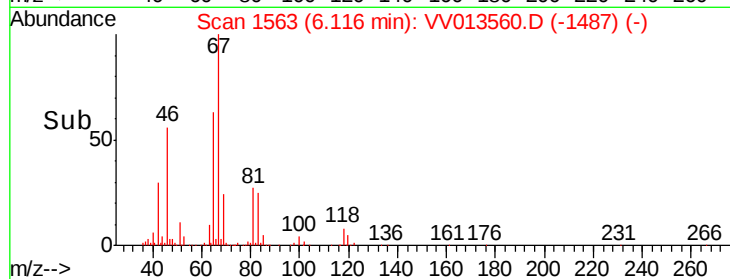
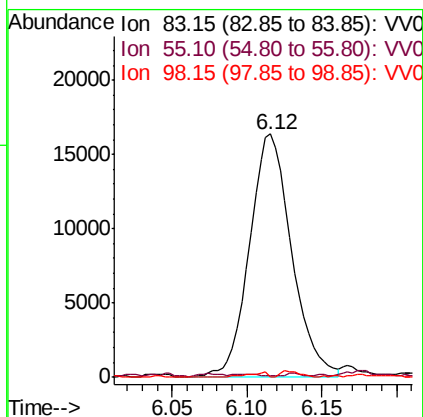
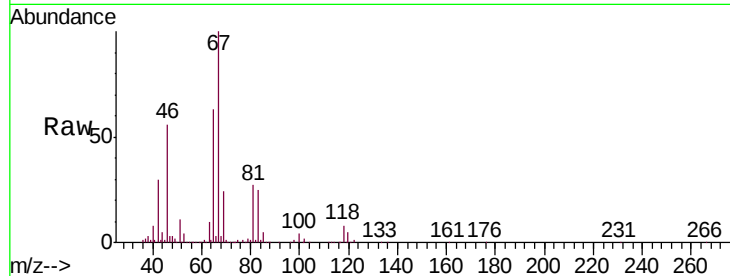




#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013560.D
Acq: 09 Nov 2019 00:33

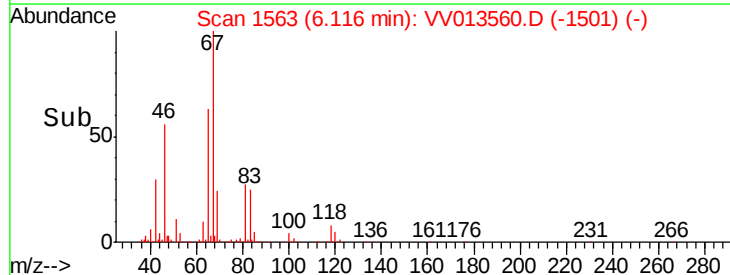
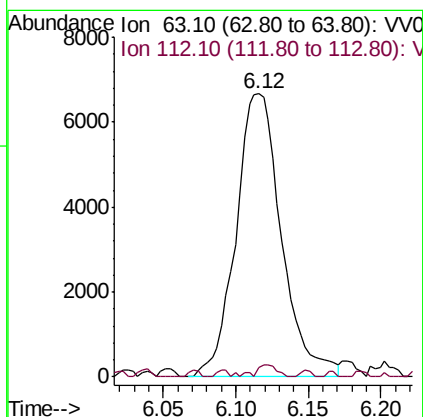
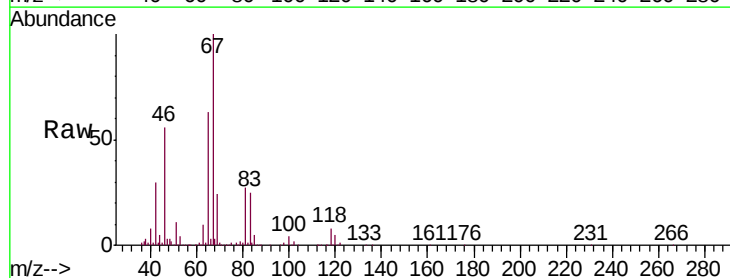
Instrument :
MSVOA_V
ClientSampleId :
F2J20

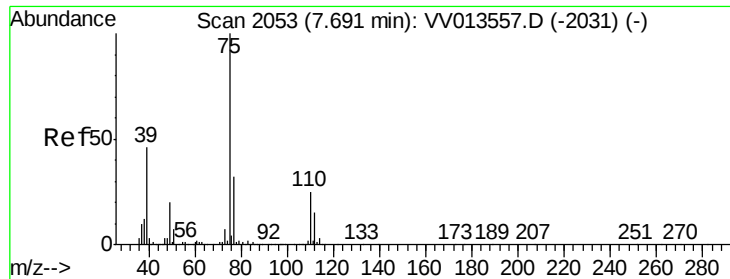
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.8	95.8#
98	1.0	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013560.D
Acq: 09 Nov 2019 00:33

Tgt Ion	Ratio	Lower	Upper
63	100		
112	2.0	3.8	5.6#





#44

trans-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013560.D

Acq: 09 Nov 2019 00:33

Instrument :

MSVOA_V

ClientSampled :

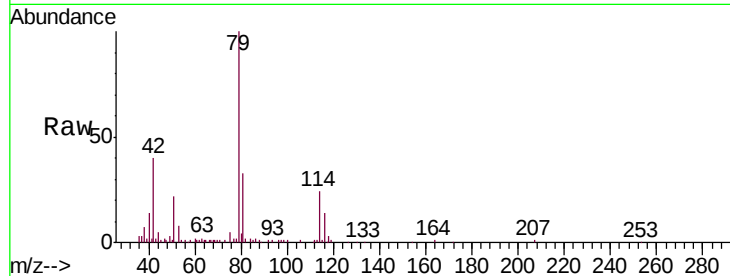
F2J20

Tgt Ion: 75 Resp: 1943

Ion Ratio Lower Upper

75 100

77 33.1 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

1500

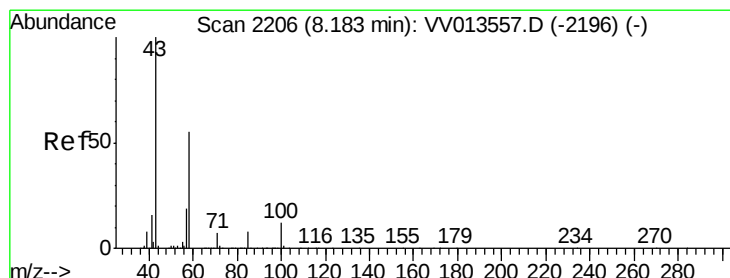
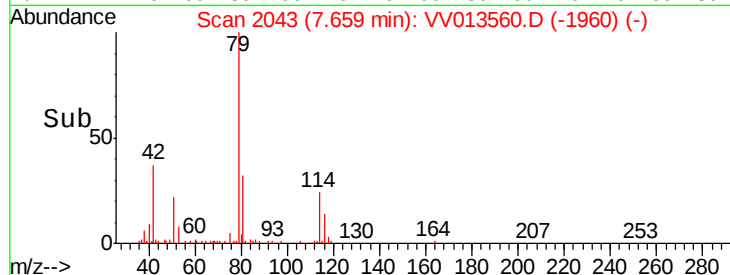
7.66

1000

500

0

Time-->



#48

2-Hexanone

Concen: 3.507 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.01 min

Lab File: VV013560.D

Acq: 09 Nov 2019 00:33

Tgt Ion: 43 Resp: 40258

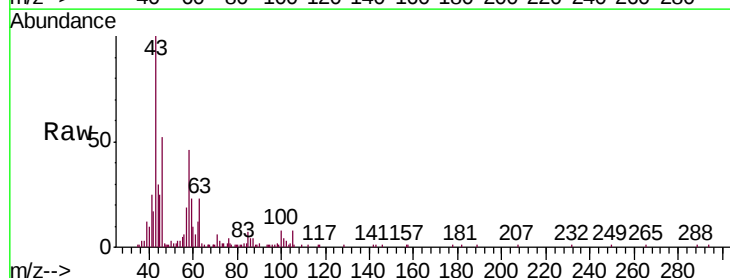
Ion Ratio Lower Upper

43 100

58 40.5 43.8 65.8#

57 13.4 15.0 22.6#

100 10.2 9.8 14.6



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

25000

20000

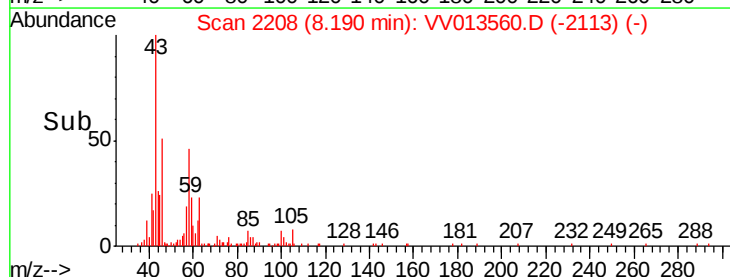
15000

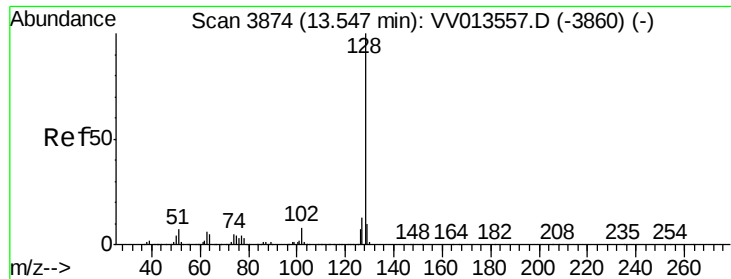
10000

5000

0

Time-->





#69

Naphthalene

Concen: 0.093 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.01 min

Lab File: VV013560.D

Acq: 09 Nov 2019 00:33

Instrument :

MSVOA_V

ClientSampleId :

F2J20

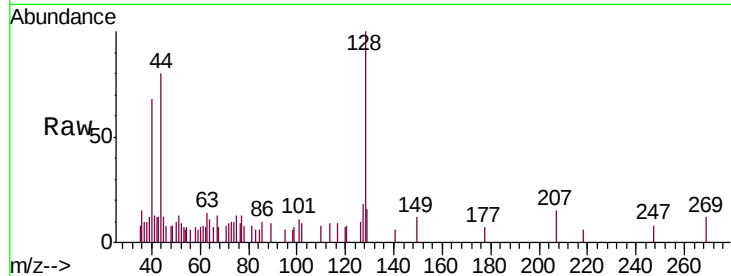
Tgt Ion:128 Resp: 4279

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 10.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

