

Data File : VV013563.D
Acq On : 09 Nov 2019 01:45
Operator : SY/MD
Sample : K5747-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2J07

Quant Time: Nov 09 04:24:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 09 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	364399	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162651	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76637	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.58	69	69741	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.13	63	98473	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.96	46	280275	50.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.80%
24) Chloroform-d	4.40	84	205320	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.08	65	114200	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.09	84	370678	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	134350	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.36	98	284861	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.66	79	44295	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	163083	41.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93309	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	147612	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

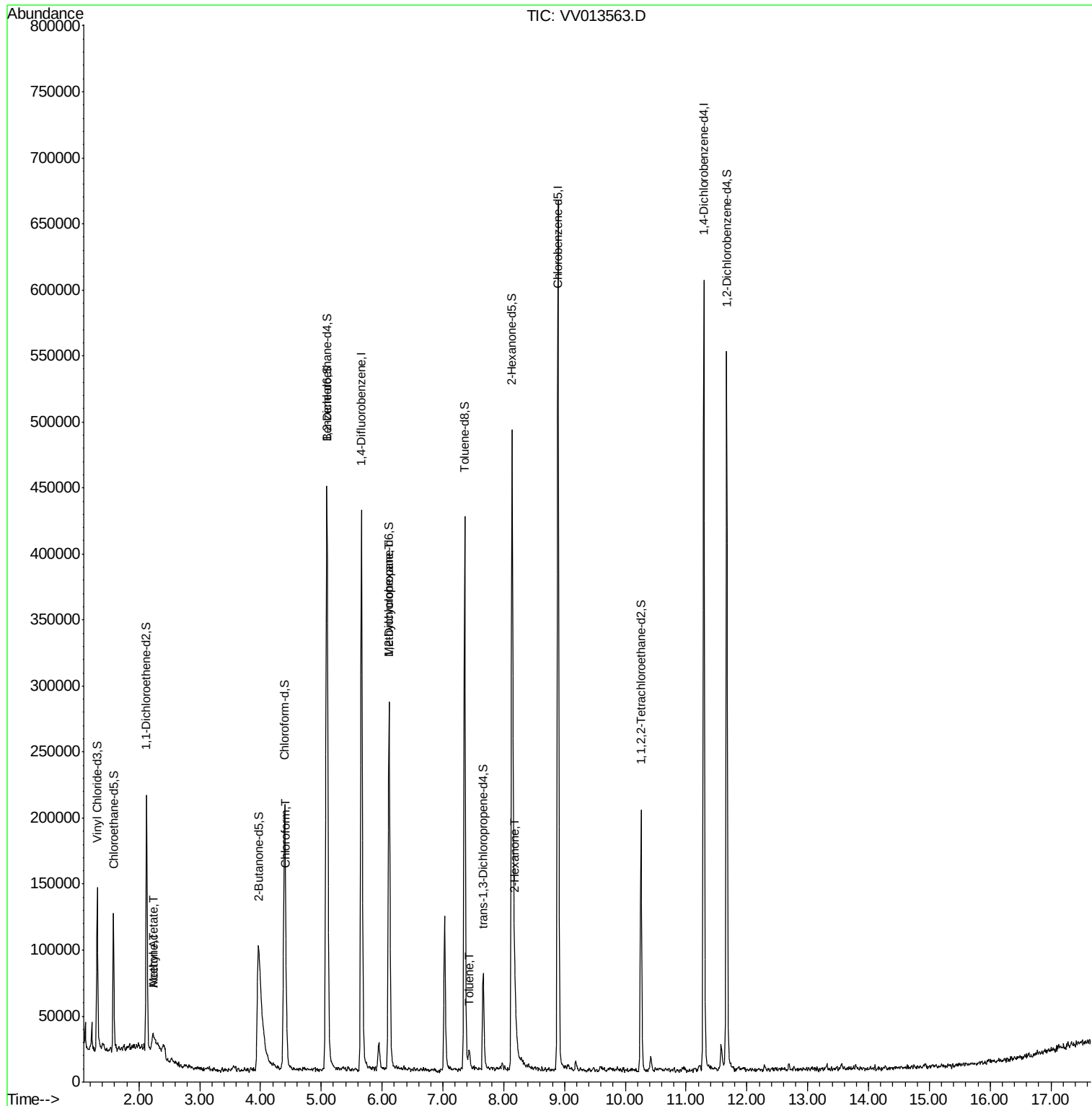
					Qvalue
13) Acetone	2.23	43	32284	9.665 ug/L	67
15) Methyl Acetate	2.23	43	32156	3.220 ug/L #	54
25) Chloroform	4.42	83	13671	0.247 ug/L	95
35) Methylcyclohexane	6.11	83	30084	0.637 ug/L #	18
42) Toluene	7.43	91	9289	0.078 ug/L	99
48) 2-Hexanone	8.18	43	30613	2.653 ug/L	90

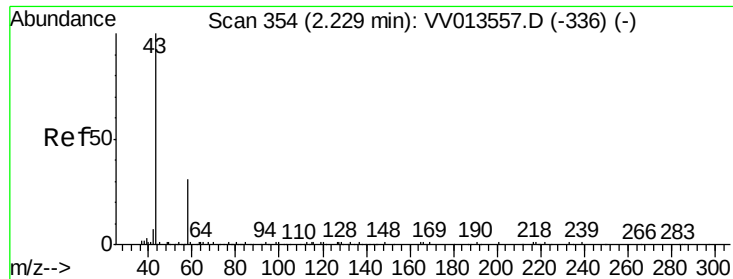
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.665 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.00 min

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Acq: 09 Nov 2019 01:45

Instrument :

MSVOA_V

ClientSampleId :

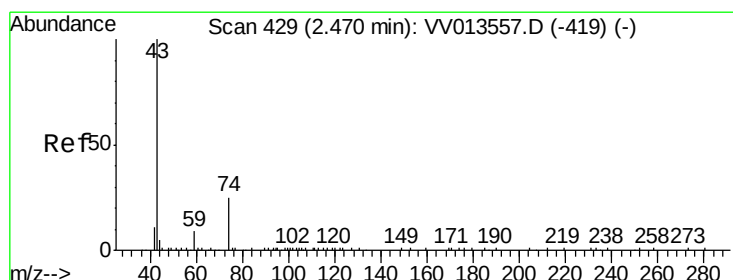
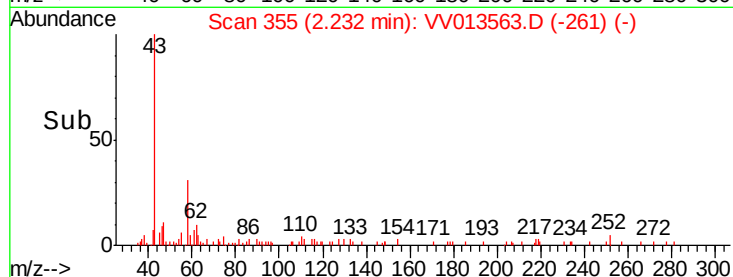
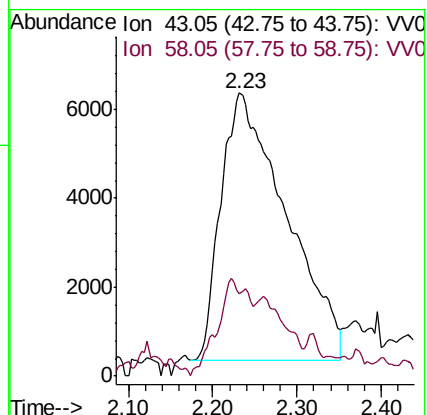
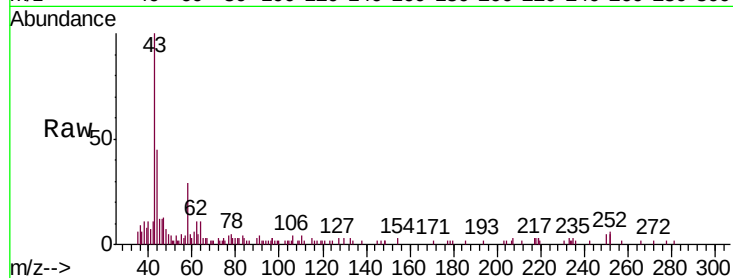
F2J07

Tgt Ion: 43 Resp: 32284

Ion Ratio Lower Upper

43 100

58 12.4 0.0 60.8



#15

Methyl Acetate

Concen: 3.220 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.24 min

Lab File: VV013563.D

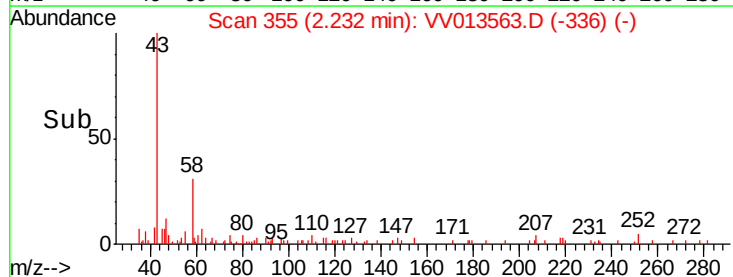
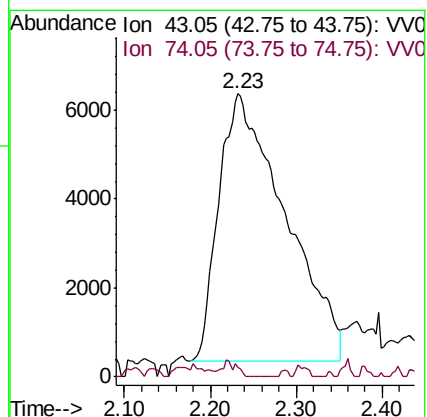
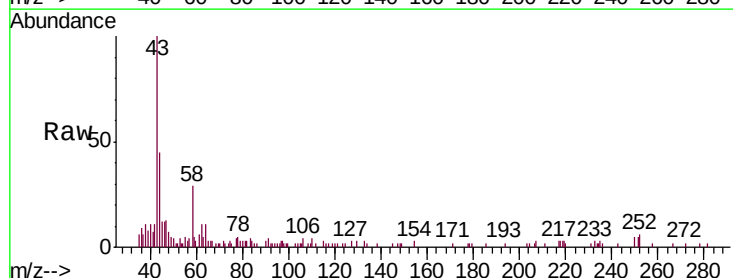
Acq: 09 Nov 2019 01:45

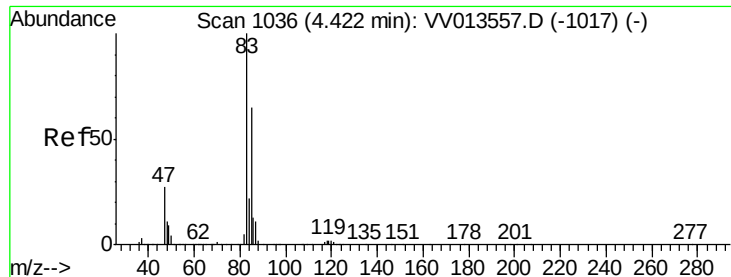
Tgt Ion: 43 Resp: 32156

Ion Ratio Lower Upper

43 100

74 1.4 19.4 29.0#

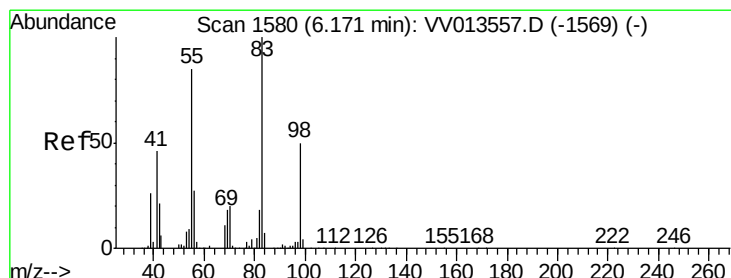
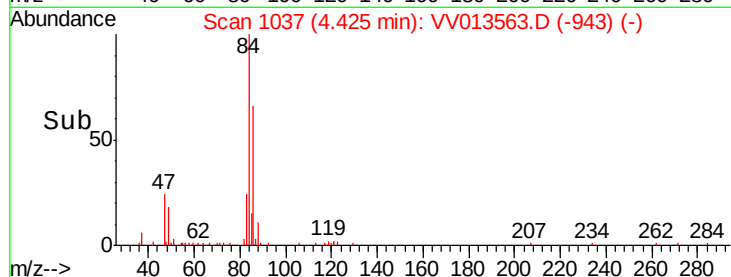
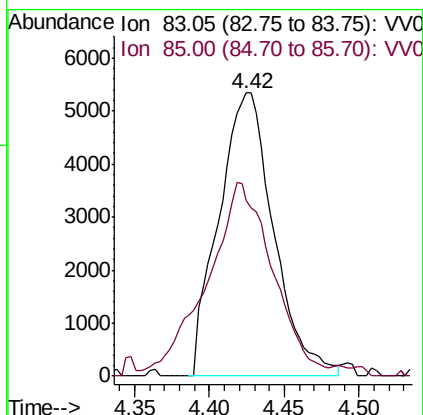
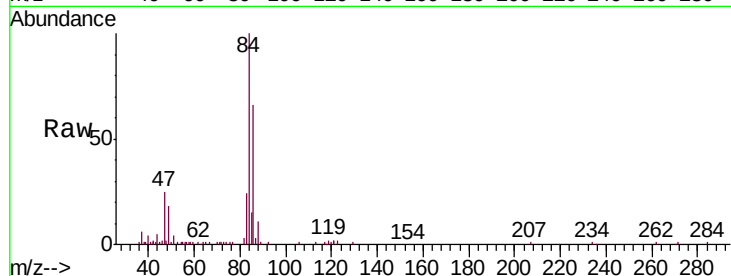




#25
Chloroform
Concen: 0.247 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013563.D
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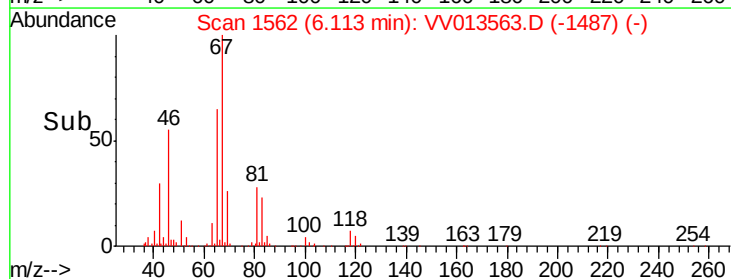
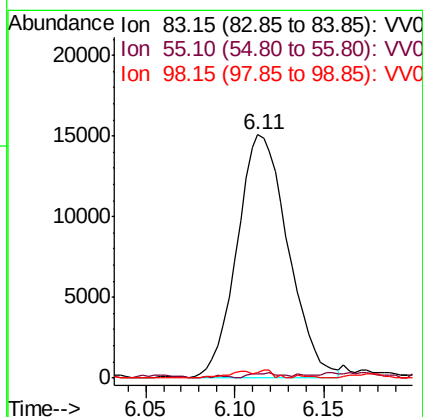
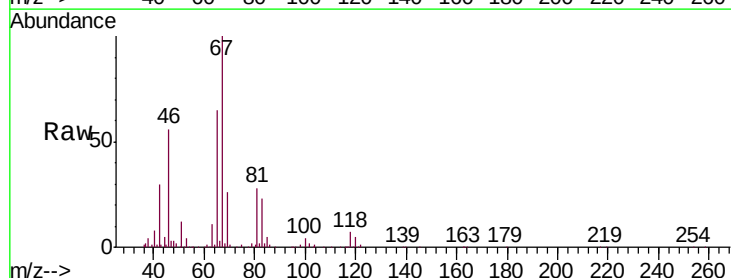
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F2J07

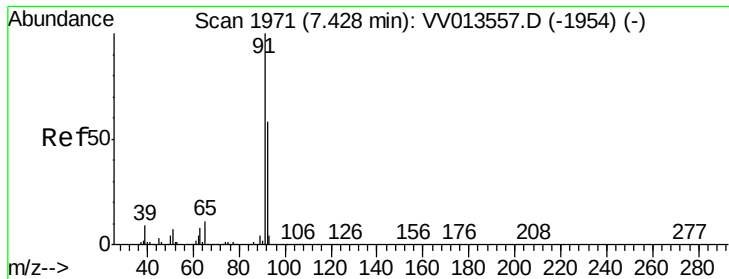
Tgt Ion: 83 Resp: 13671
Ion Ratio Lower Upper
83 100
85 62.3 46.3 86.1



#35
Methylcyclohexane
Concen: 0.637 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013563.D
Acq: 09 Nov 2019 01:45

Tgt Ion: 83 Resp: 30084
Ion Ratio Lower Upper
83 100
55 1.4 63.8 95.8#
98 1.0 38.4 57.6#





#42

Toluene

Concen: 0.078 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013563.D

Acq: 09 Nov 2019 01:45

Instrument :

MSVOA_V

ClientSampleId :

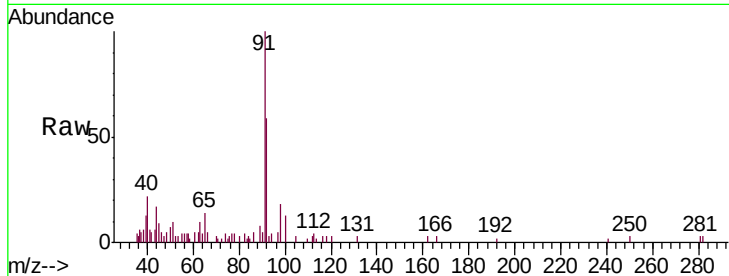
F2J07

Tgt Ion: 91 Resp: 9289

Ion Ratio Lower Upper

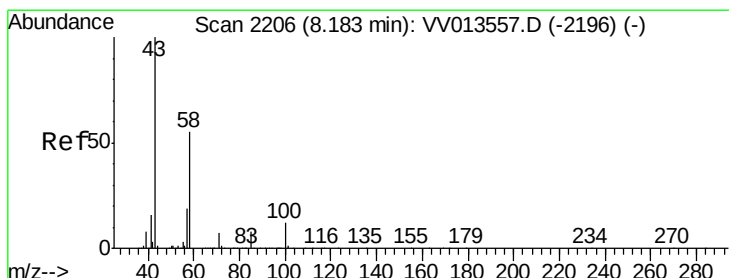
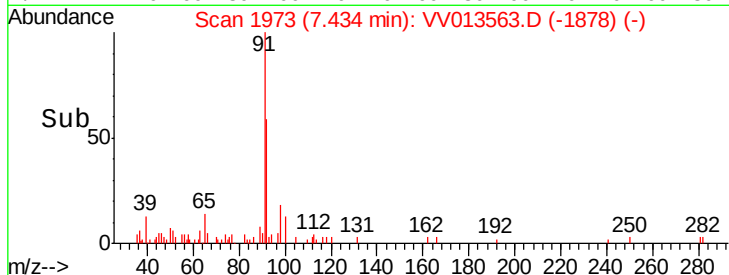
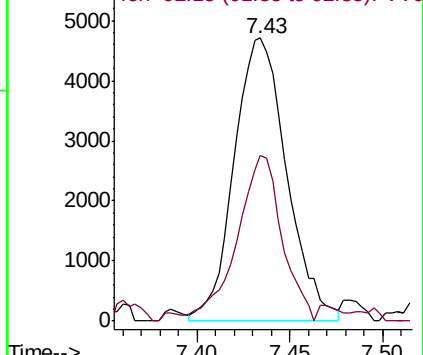
91 100

92 58.7 41.4 77.0



Abundance Ion 91.15 (90.85 to 91.85): VV013557.D (-1954) (-)

Ion 92.15 (91.85 to 92.85): VV013557.D (-1954) (-)



#48

2-Hexanone

Concen: 2.653 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013563.D

Acq: 09 Nov 2019 01:45

Tgt Ion: 43 Resp: 30613

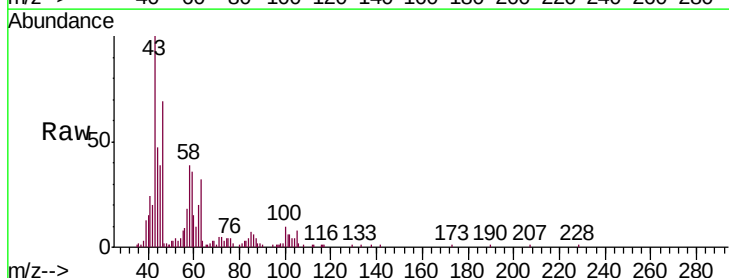
Ion Ratio Lower Upper

43 100

58 46.2 43.8 65.8

57 21.0 15.0 22.6

100 9.8 9.8 14.6



Abundance Ion 43.05 (42.75 to 43.75): VV013557.D (-2196) (-)

Ion 58.05 (57.75 to 58.75): VV013557.D (-2196) (-)

Ion 57.20 (56.90 to 57.90): VV013557.D (-2196) (-)

Ion 100.15 (99.85 to 100.85): VV013557.D (-2196) (-)

