

Data File : VV013556.D
Acq On : 08 Nov 2019 22:09
Operator : SY/MD
Sample : K5718-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9S9

Quant Time: Nov 08 22:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 08 22:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	378259	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	374485	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	166312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82456	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	73981	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	102281	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.95	46	313482	54.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.70%
24) Chloroform-d	4.40	84	209821	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	116344	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	372137	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.11	67	135859	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.36	98	284576	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.66	79	45343	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.13	63	170997	43.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96191	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	150503	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

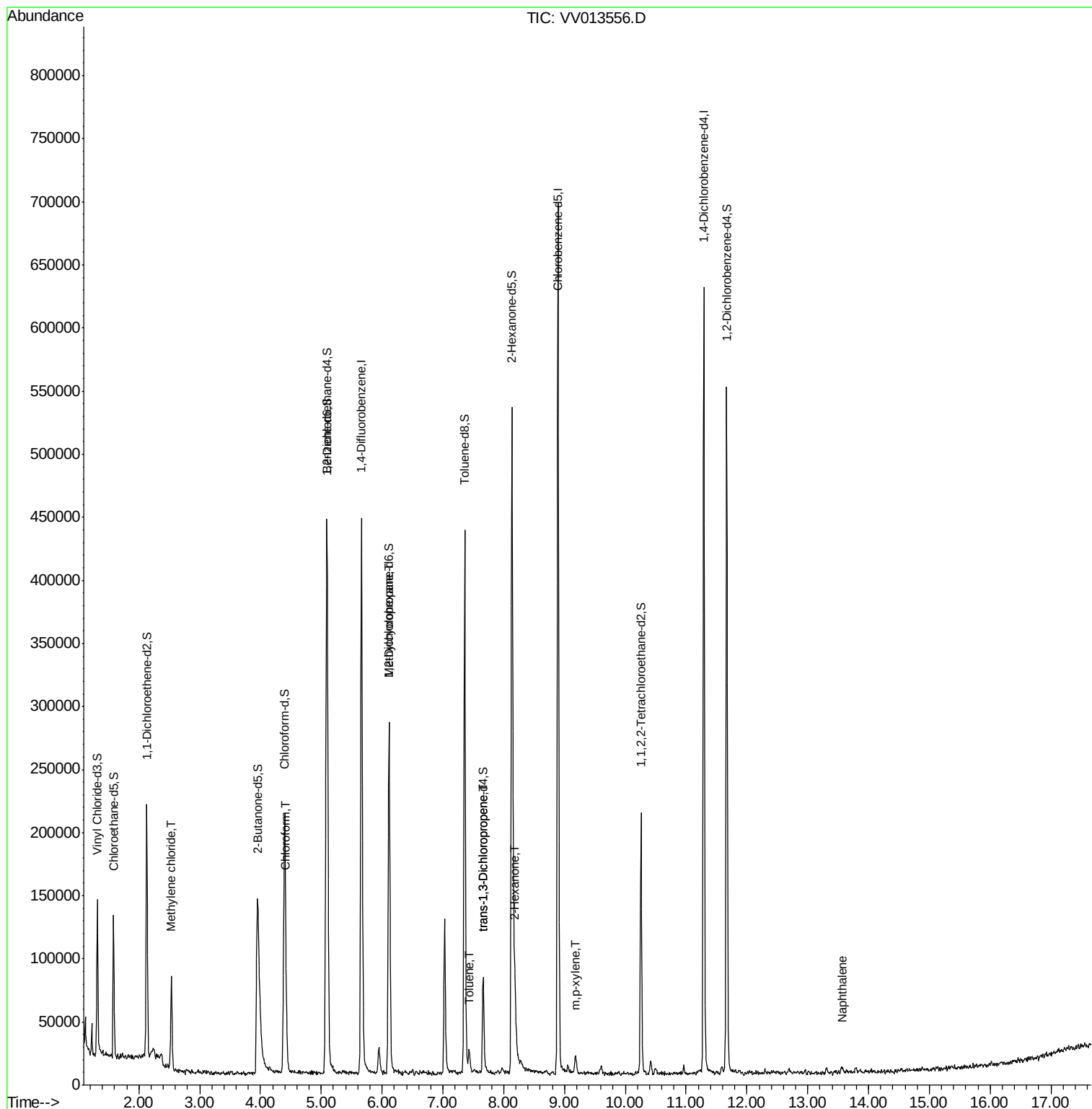
						Qvalue
16) Methylene chloride	2.53	84	31375	1.053	ug/L	95
25) Chloroform	4.42	83	13529	0.236	ug/L	90
35) Methylcyclohexane	6.12	83	32192	0.675	ug/L #	18
42) Toluene	7.43	91	11799	0.097	ug/L	88
44) trans-1,3-Dichloropropene	7.67	75	2604	0.083	ug/L	95
48) 2-Hexanone	8.19	43	36372	3.121	ug/L #	87
53) m,p-xylene	9.18	106	4309	0.089	ug/L	72
69) Naphthalene	13.56	128	3766	0.080	ug/L #	95

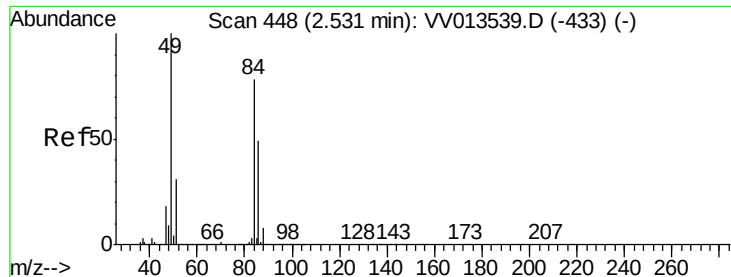
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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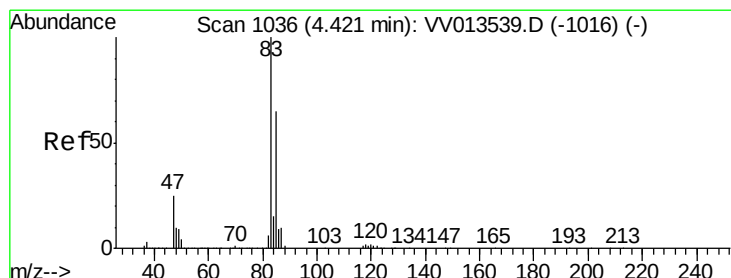
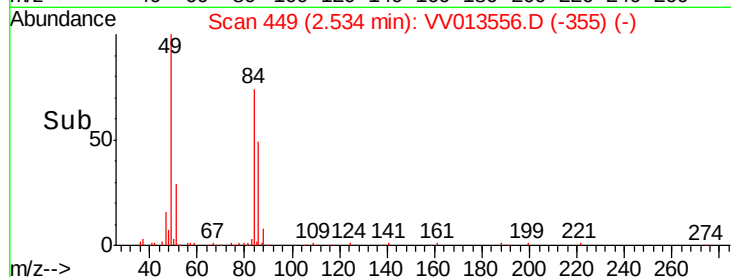
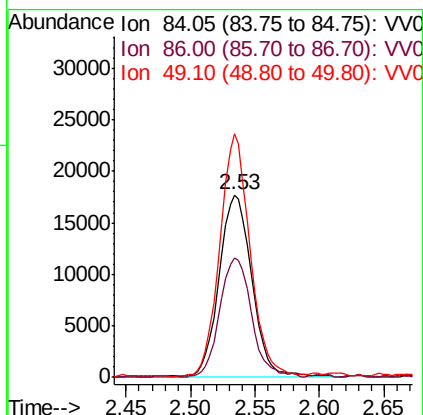
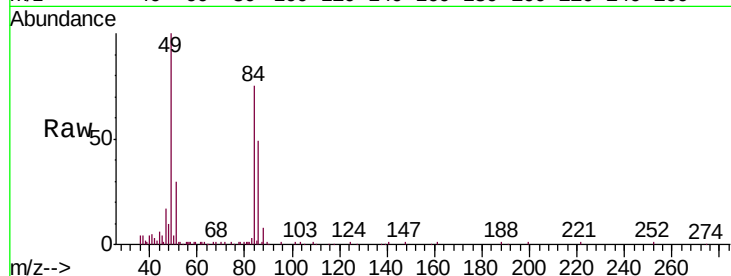




#16
Methylene chloride
Concen: 1.053 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013556.D
Acq: 08 Nov 2019 22:09

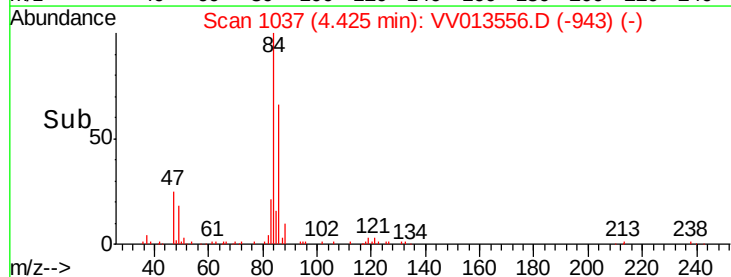
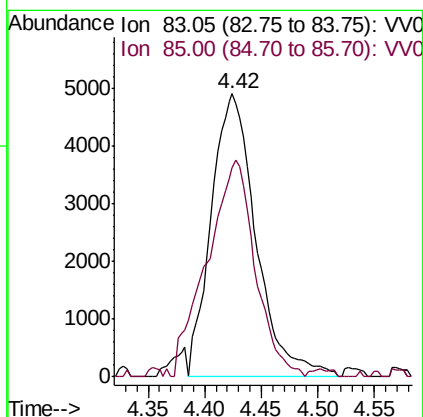
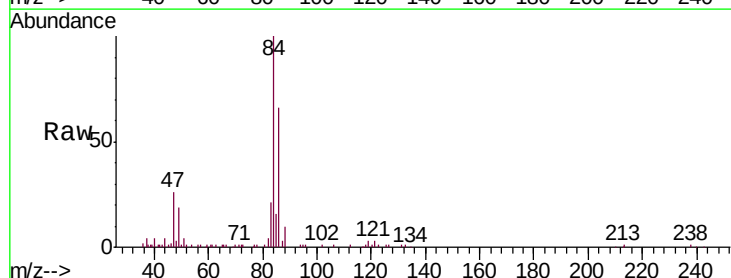
Instrument :
MSVOA_V
ClientSampleId :
BE9S9

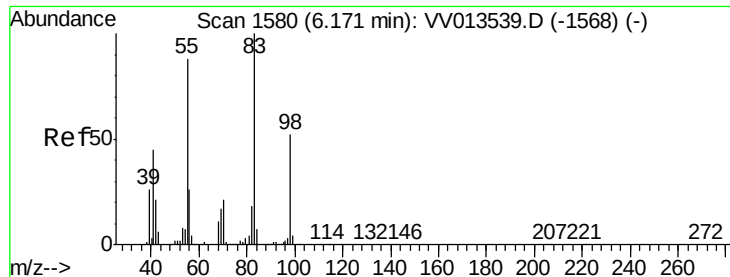
Tgt Ion: 84 Resp: 31375
Ion Ratio Lower Upper
84 100
86 65.5 44.2 82.2
49 133.5 88.8 164.8



#25
Chloroform
Concen: 0.236 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013556.D
Acq: 08 Nov 2019 22:09

Tgt Ion: 83 Resp: 13529
Ion Ratio Lower Upper
83 100
85 73.8 46.3 86.1

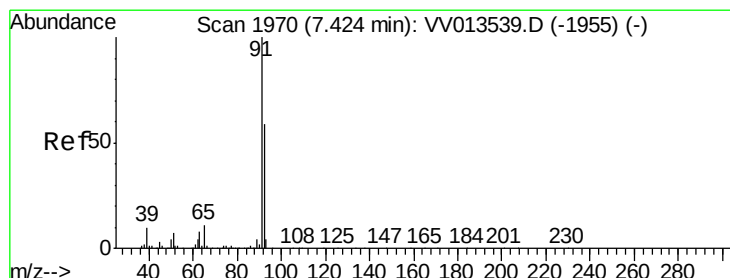
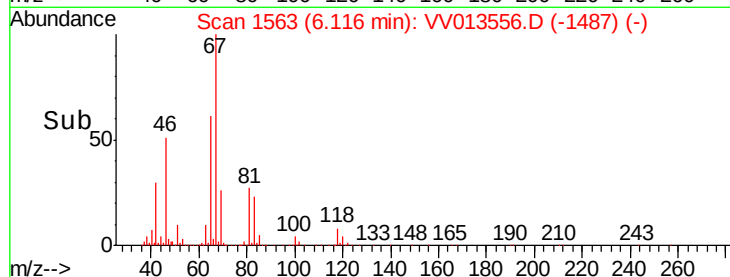
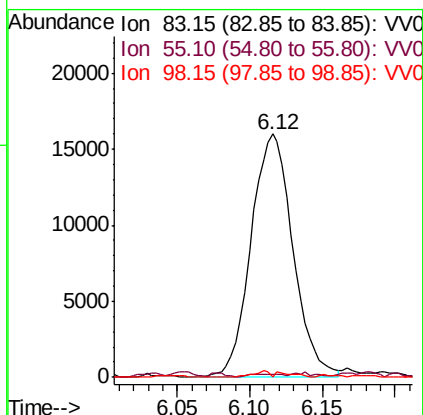
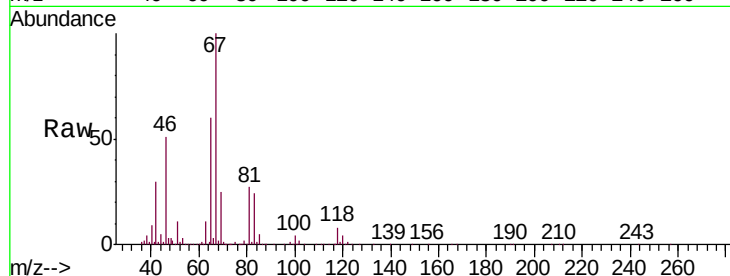




#35
Methylcyclohexane
Concen: 0.675 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013556.D
Acq: 08 Nov 2019 22:09

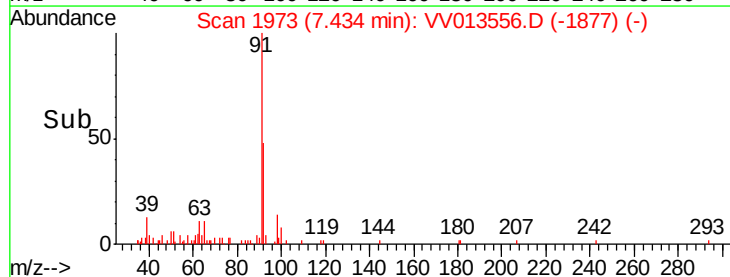
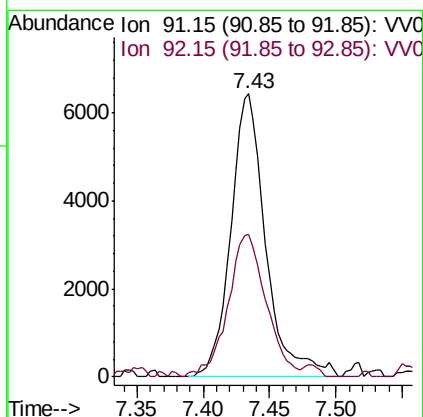
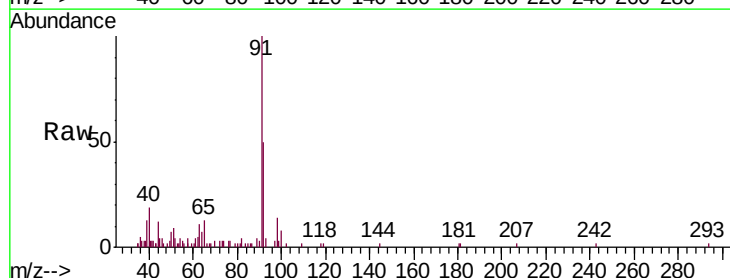
Instrument :
MSVOA_V
ClientSampleId :
BE9S9

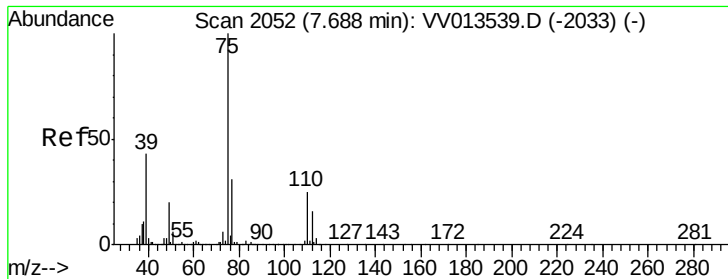
Tgt Ion: 83 Resp: 32192
Ion Ratio Lower Upper
83 100
55 0.5 63.8 95.8#
98 0.9 38.4 57.6#



#42
Toluene
Concen: 0.097 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV013556.D
Acq: 08 Nov 2019 22:09

Tgt Ion: 91 Resp: 11799
Ion Ratio Lower Upper
91 100
92 50.4 41.4 77.0





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV013556.D

Acq: 08 Nov 2019 22:09

Instrument :

MSVOA_V

ClientSampled :

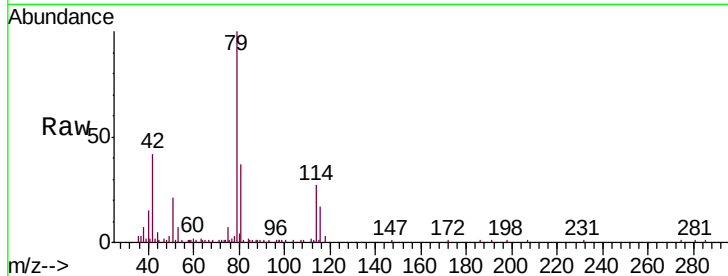
BE9S9

Tgt Ion: 75 Resp: 2604

Ion Ratio Lower Upper

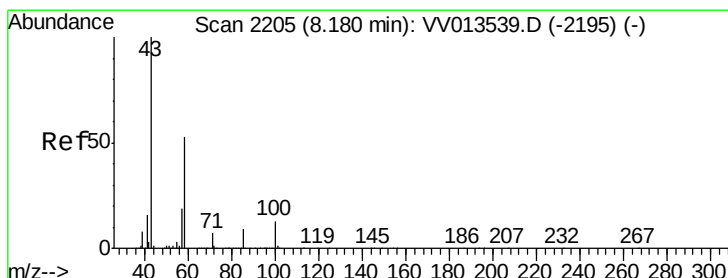
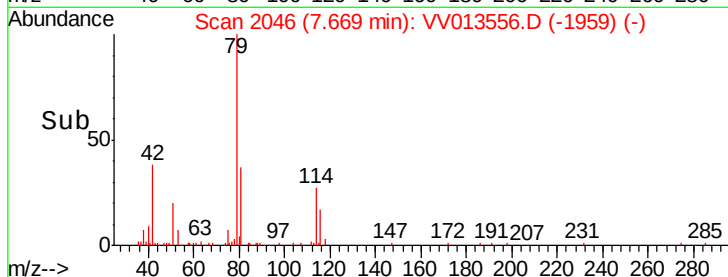
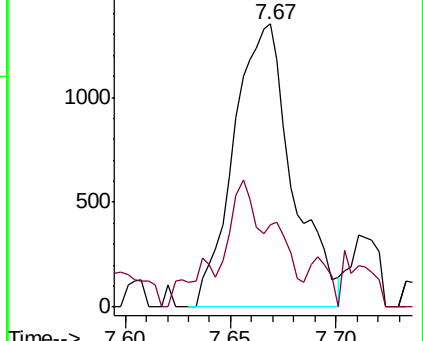
75 100

77 29.1 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.121 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.01 min

Lab File: VV013556.D

Acq: 08 Nov 2019 22:09

Tgt Ion: 43 Resp: 36372

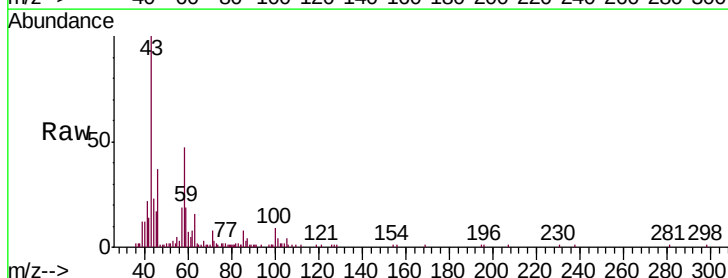
Ion Ratio Lower Upper

43 100

58 41.2 43.8 65.8#

57 19.6 15.0 22.6

100 10.8 9.8 14.6

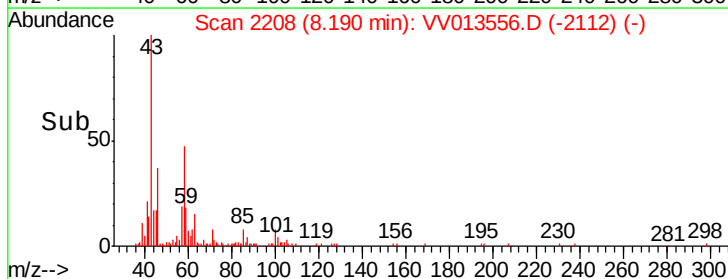
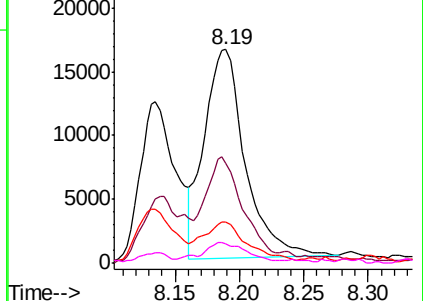


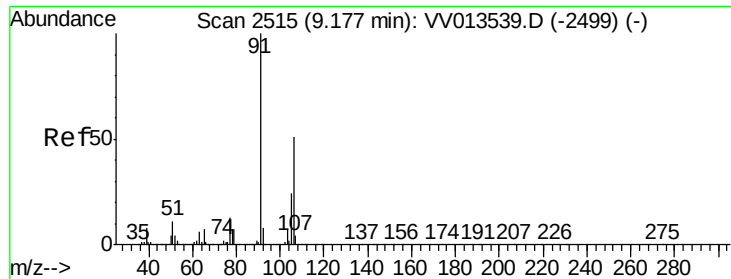
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#53

m,p-xylene

Concen: 0.089 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

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Acq: 08 Nov 2019 22:09

Instrument :

MSVOA_V

ClientSampleId :

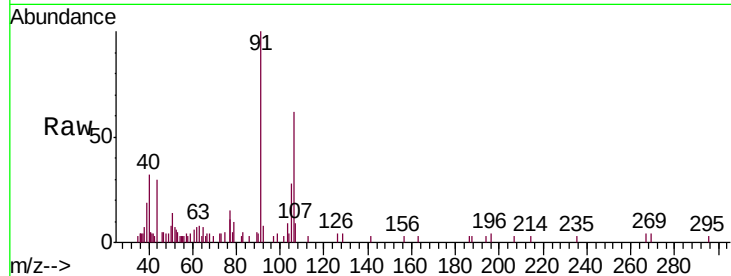
BE9S9

Tgt Ion:106 Resp: 4309

Ion Ratio Lower Upper

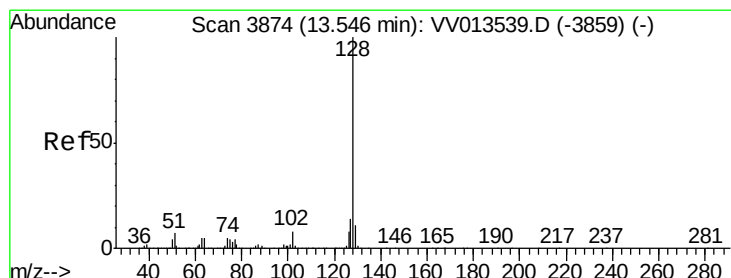
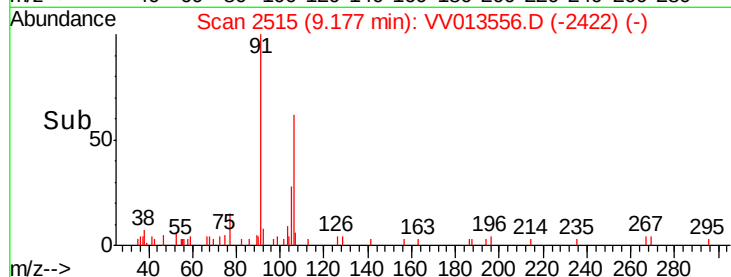
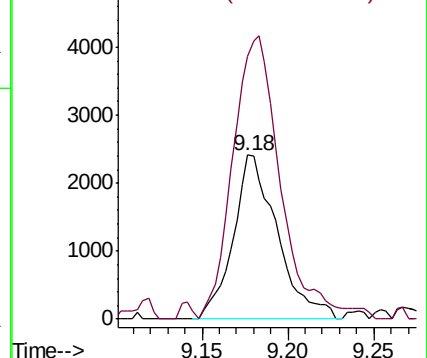
106 100

91 160.0 142.0 263.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#69

Naphthalene

Concen: 0.080 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

Lab File: VV013556.D

Acq: 08 Nov 2019 22:09

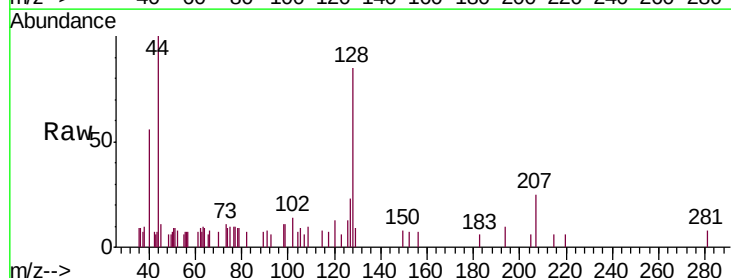
Tgt Ion:128 Resp: 3766

Ion Ratio Lower Upper

128 100

129 7.3 8.5 12.7#

127 12.9 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

