

Data File : VV012530.D
Acq On : 02 Sep 2019 15:44
Operator : SY/MD
Sample : K4607-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD60

Quant Time: Sep 03 05:48:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	141831	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61227	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.59	69	63101	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.14	63	105387	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.94	46	123383	47.01	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.02%
24) Chloroform-d	4.40	84	100135	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	54617	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.10	84	187938	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	60305	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	153240	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.67	79	19633	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	70183	40.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36526	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	52141	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

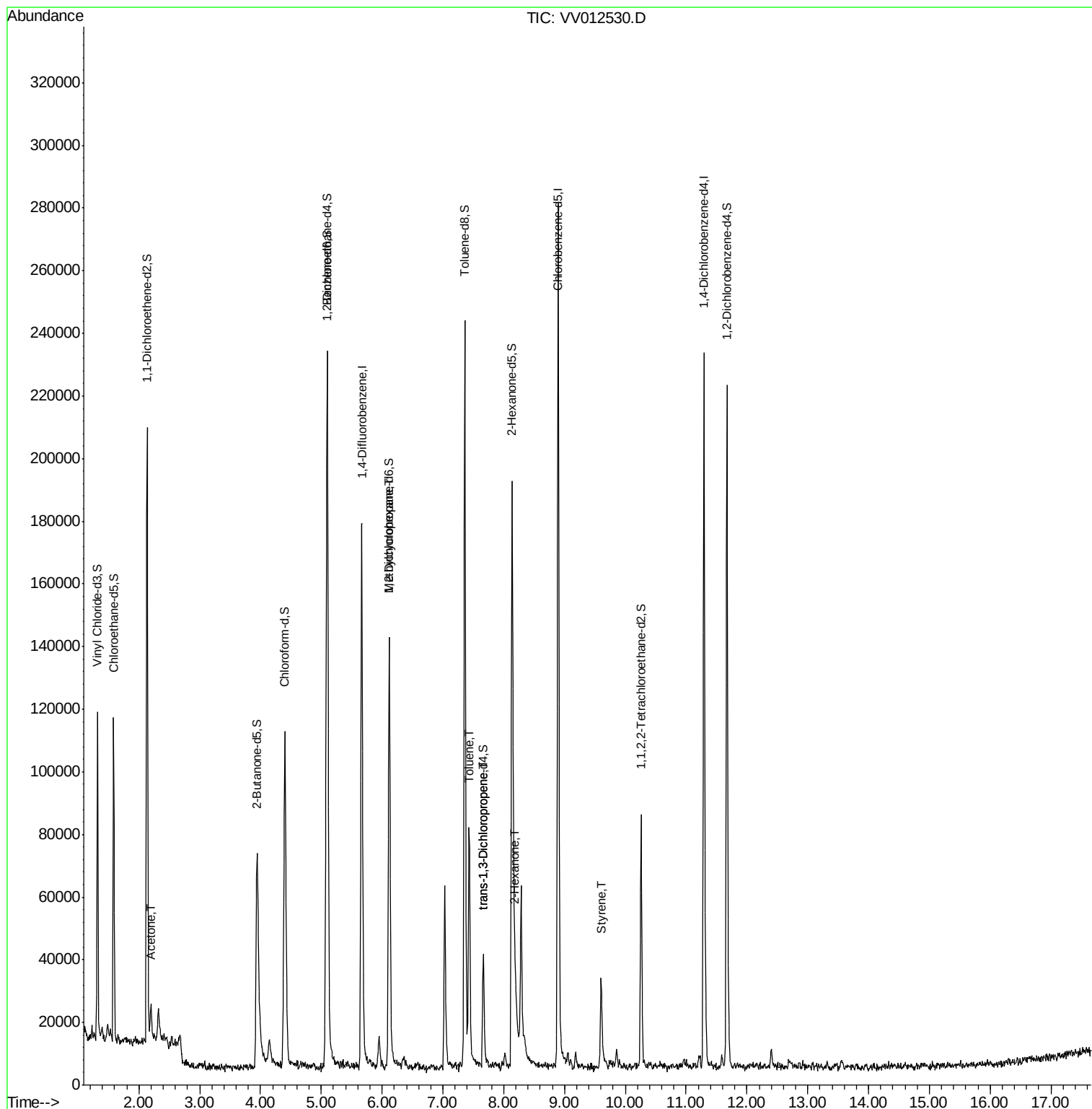
					Qvalue
13) Acetone	2.20	43	15416	4.139 ug/L	99
35) Methylcyclohexane	6.12	83	14912	0.599 ug/L #	18
42) Toluene	7.43	91	53046	0.825 ug/L	95
44) trans-1,3-Dichloropropene	7.66	75	1260	0.077 ug/L	92
48) 2-Hexanone	8.19	43	7172	1.113 ug/L	90
55) Styrene	9.60	104	8890	0.218 ug/L	99

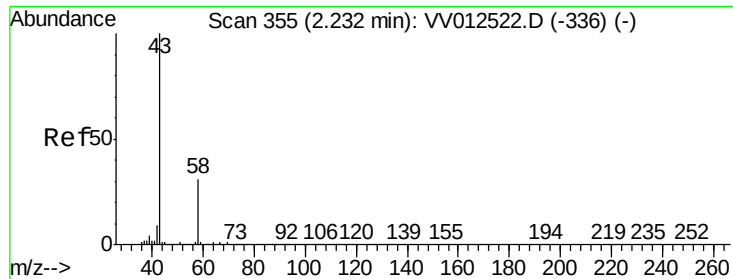
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.139 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.04 min

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Acq: 02 Sep 2019 15:44

Instrument :

MSVOA_V

ClientSampleId :

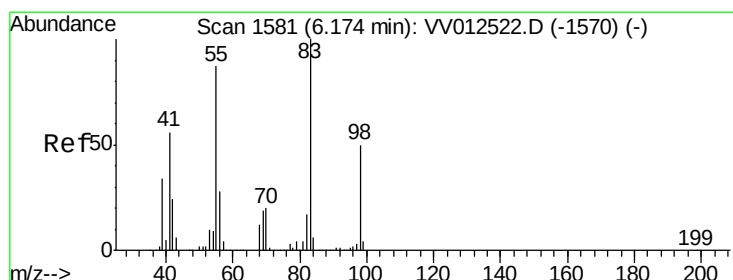
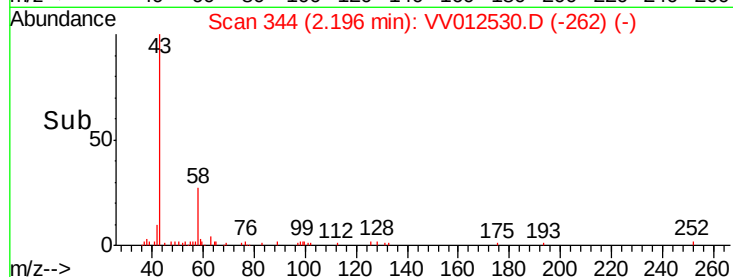
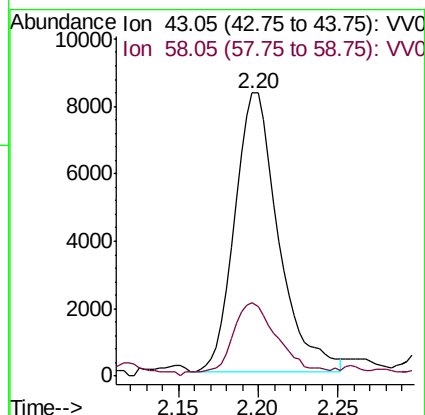
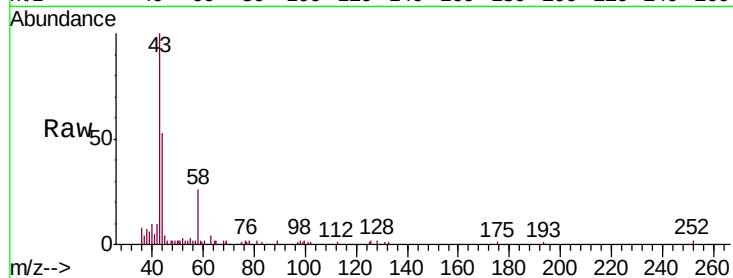
BFD60

Tgt Ion: 43 Resp: 15416

Ion Ratio Lower Upper

43 100

58 28.7 0.0 58.2



#35

Methylcyclohexane

Concen: 0.599 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

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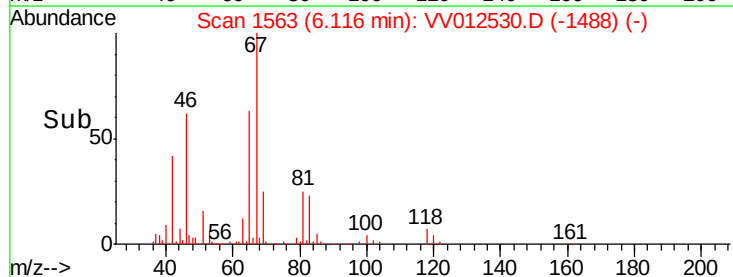
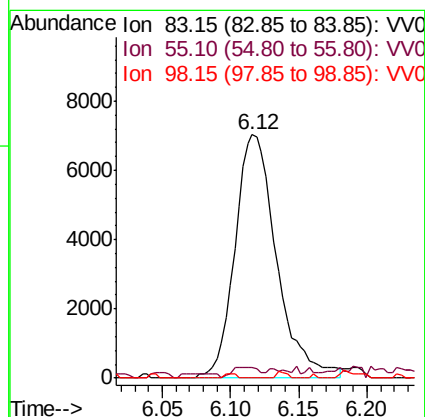
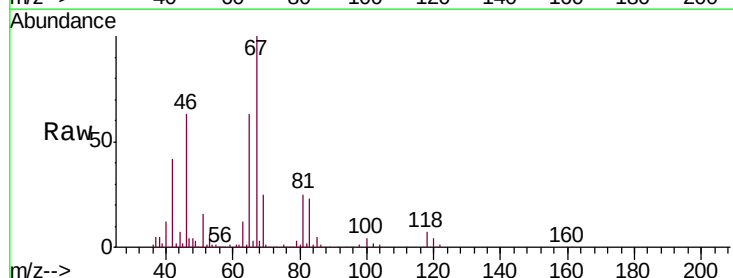
Tgt Ion: 83 Resp: 14912

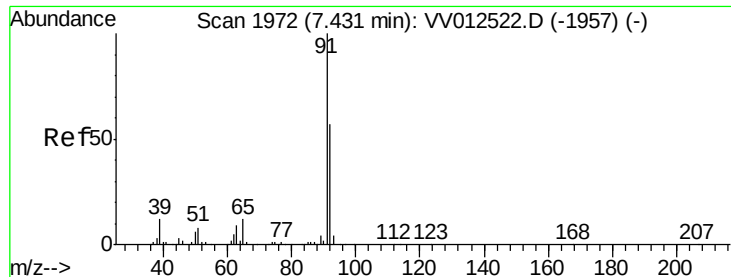
Ion Ratio Lower Upper

83 100

55 3.1 67.3 100.9#

98 0.5 37.4 56.2#





#42

Toluene

Concen: 0.825 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012530.D

Acq: 02 Sep 2019 15:44

Instrument :

MSVOA_V

ClientSampleId :

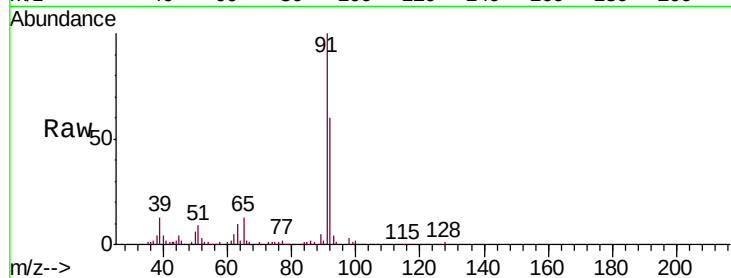
BFD60

Tgt Ion: 91 Resp: 53046

Ion Ratio Lower Upper

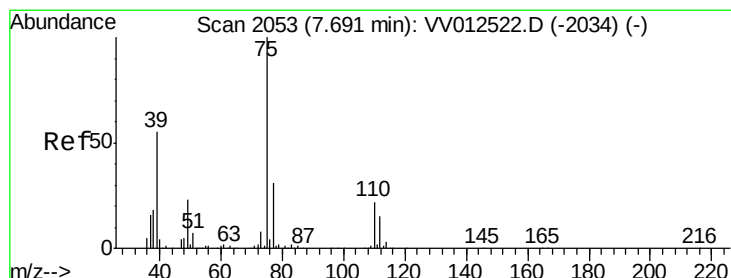
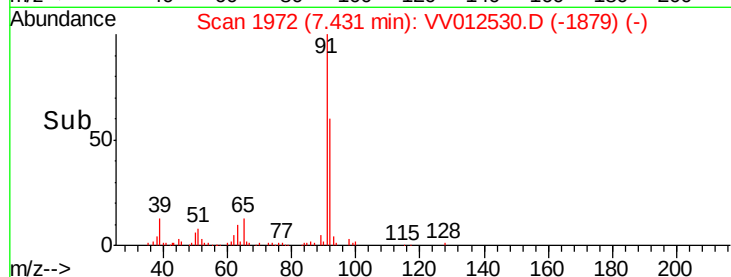
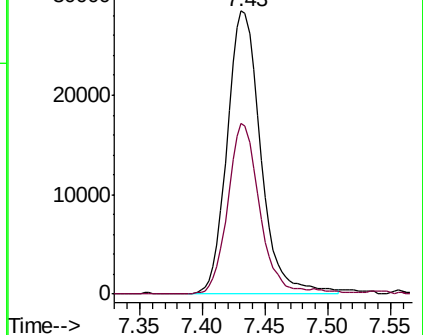
91 100

92 60.1 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VV012522.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV012530.D (-1879) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012530.D

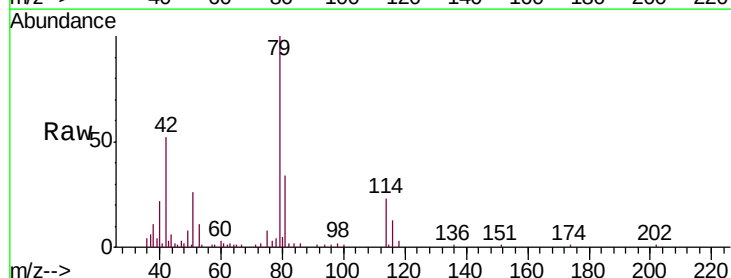
Acq: 02 Sep 2019 15:44

Tgt Ion: 75 Resp: 1260

Ion Ratio Lower Upper

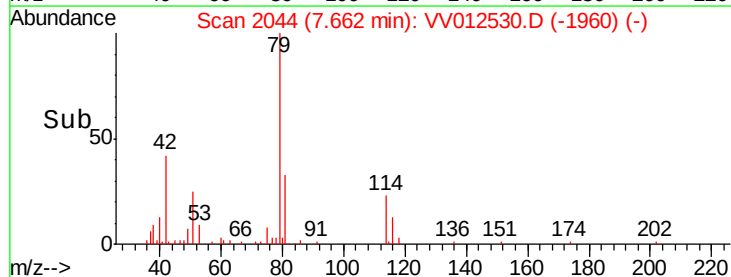
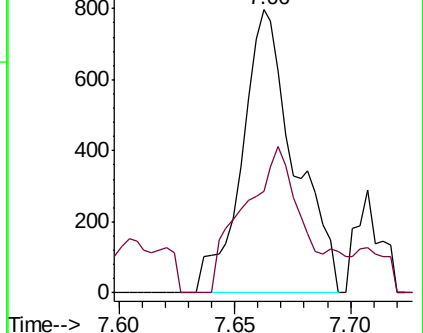
75 100

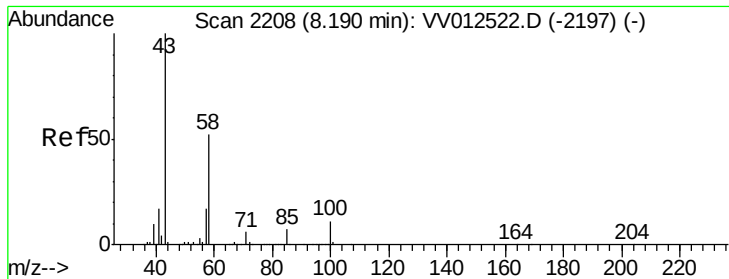
77 35.9 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV012522.D (-2034) (-)

Ion 77.05 (76.75 to 77.75): VV012530.D (-1960) (-)

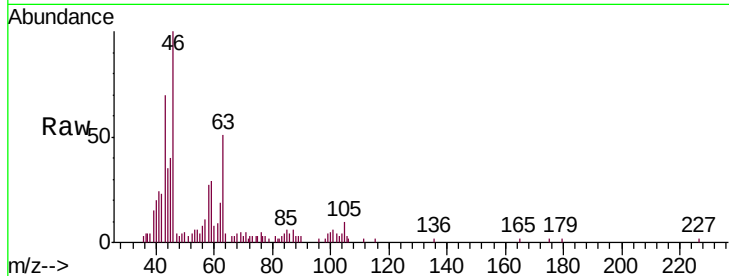




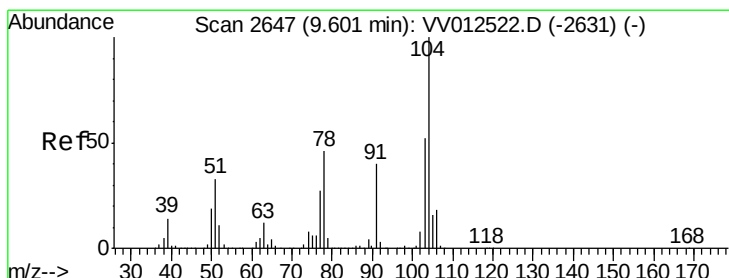
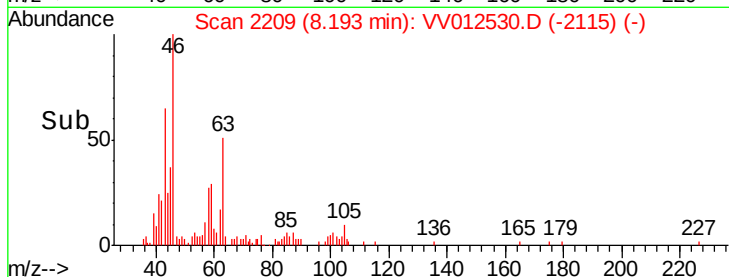
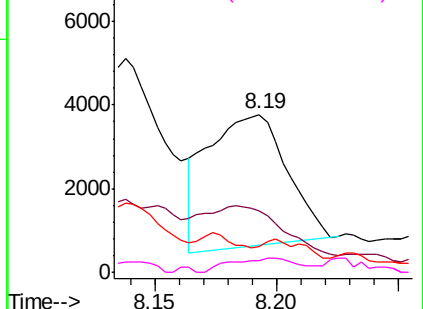
#48
 2-Hexanone
 Concen: 1.113 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VV012530.D
 Acq: 02 Sep 2019 15:44

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD60

Tgt Ion:	43	Resp:	7172
Ion	Ratio	Lower	Upper
43	100		
58	40.4	40.0	60.0
57	14.9	13.4	20.2
100	9.0	8.2	12.2

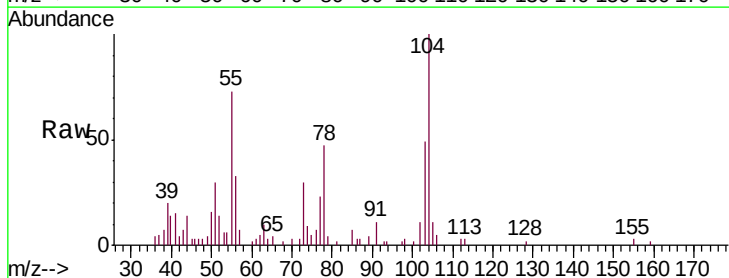


Abundance Ion 43.05 (42.75 to 43.75): VV012522.D (-2197) (-)
 Ion 58.05 (57.75 to 58.75): VV012522.D (-2197) (-)
 Ion 57.20 (56.90 to 57.90): VV012522.D (-2197) (-)
 Ion 100.15 (99.85 to 100.85): VV012522.D (-2197) (-)



#55
 Styrene
 Concen: 0.218 ug/L
 RT: 9.60 min Scan# 2648
 Delta R.T. 0.00 min
 Lab File: VV012530.D
 Acq: 02 Sep 2019 15:44

Tgt Ion:	104	Resp:	8890
Ion	Ratio	Lower	Upper
104	100		
78	46.7	32.3	60.1



Abundance Ion 104.10 (103.80 to 104.80): VV012522.D (-2631) (-)
 Ion 78.10 (77.80 to 78.80): VV012522.D (-2631) (-)

