

Data File : VV012816.D
Acq On : 16 Sep 2019 00:07
Operator : SY/MD
Sample : K4832-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JZ7

Quant Time: Sep 16 08:19:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	397066	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	395594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	138849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	199015	7.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	147.80%#
7) Chloroethane-d5	1.58	69	167749	7.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	150.60%#
11) 1,1-Dichloroethene-d2	2.13	63	245540	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.00%
20) 2-Butanone-d5	3.98	46	407568	62.88	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.76%
24) Chloroform-d	4.40	84	319160	6.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	130.40%#
26) 1,2-Dichloroethane-d4	5.08	65	167749	7.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	143.20%#
32) Benzene-d6	5.09	84	650718	6.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	137.60%#
36) 1,2-Dichloropropane-d6	6.12	67	200935	6.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	134.00%
41) Toluene-d8	7.36	98	513805	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.40%
43) trans-1,3-Dichloropropene-	7.66	79	61297	5.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	118.80%
46) 2-Hexanone-d5	8.14	63	216001	55.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120255	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	171543	7.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	144.40%#

Target Compounds

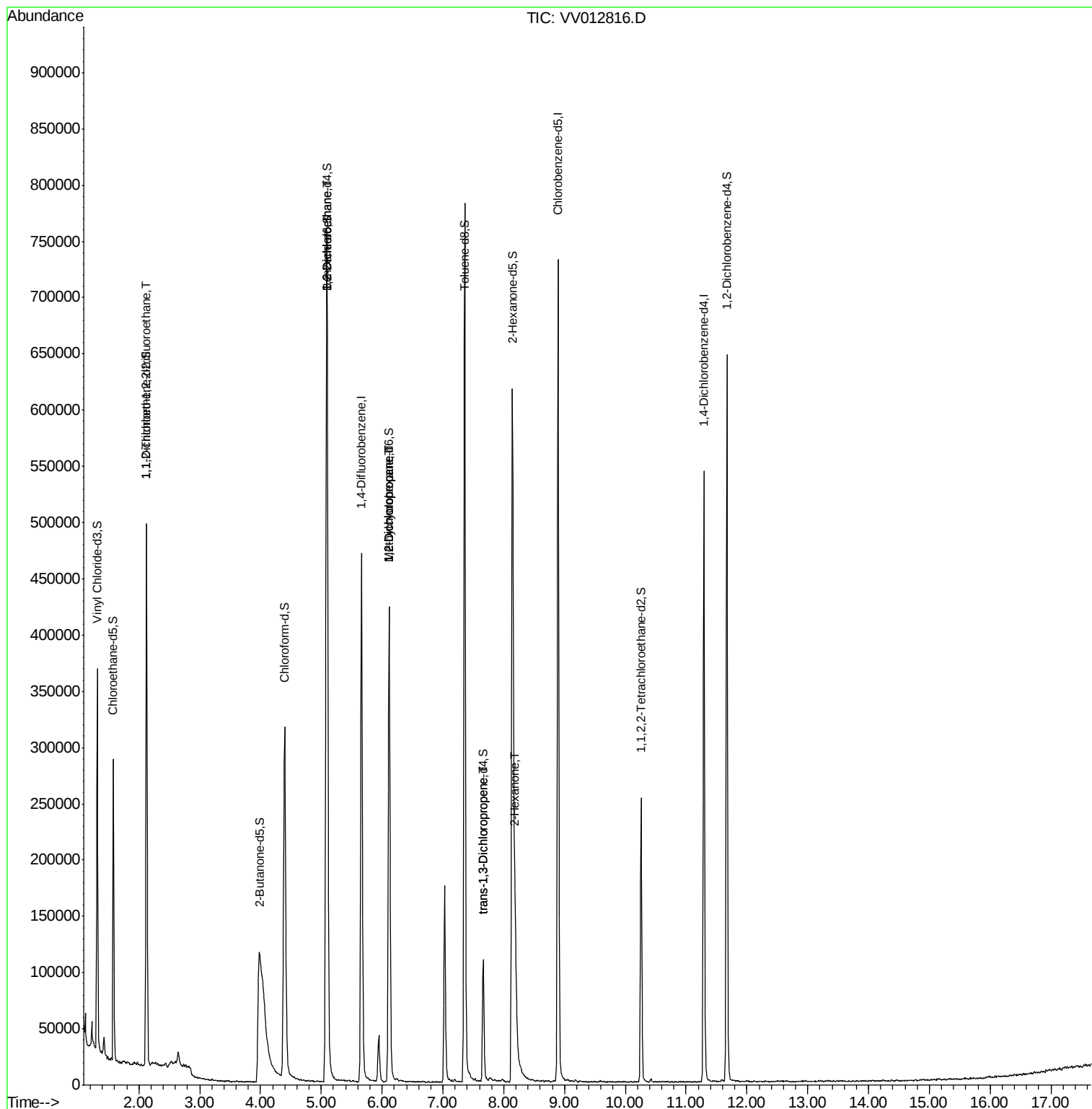
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2348	0.091	ug/L #	19
27) 1,2-Dichloroethane	5.09	62	3825	0.127	ug/L	98
35) Methylcyclohexane	6.12	83	47172	1.045	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	21553	0.749	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	2823	0.099	ug/L	95
48) 2-Hexanone	8.19	43	87657	7.674	ug/L #	82

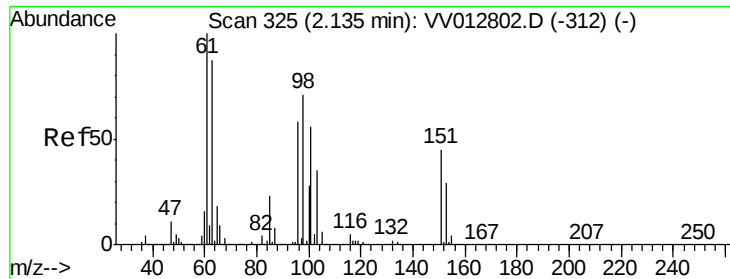
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.091 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV012816.D

Acq: 16 Sep 2019 00:07

Instrument :

MSVOA_V

ClientSampleId :

C0JZ7

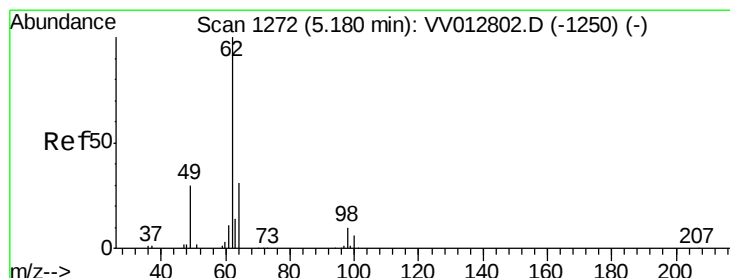
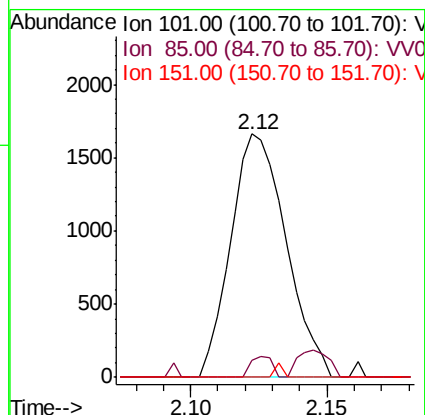
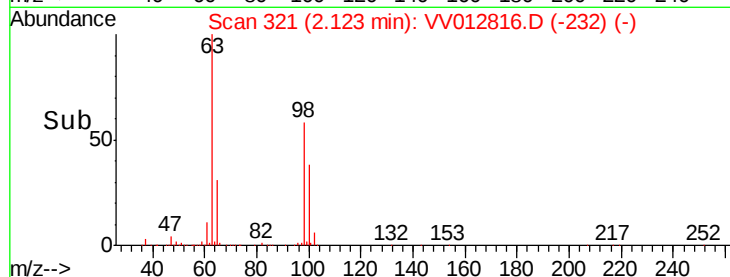
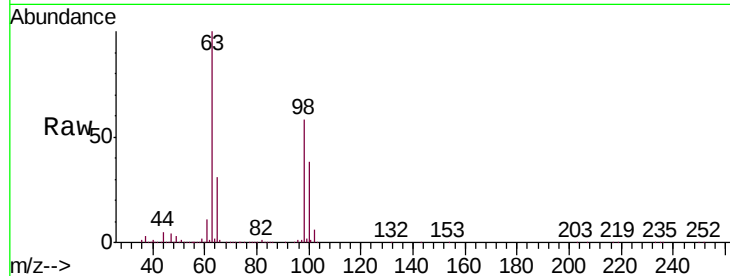
Tgt Ion: 101 Resp: 2348

Ion Ratio Lower Upper

101 100

85 3.2 33.0 49.6#

151 0.9 65.8 98.8#



#27

1,2-Dichloroethane

Concen: 0.127 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.09 min

Lab File: VV012816.D

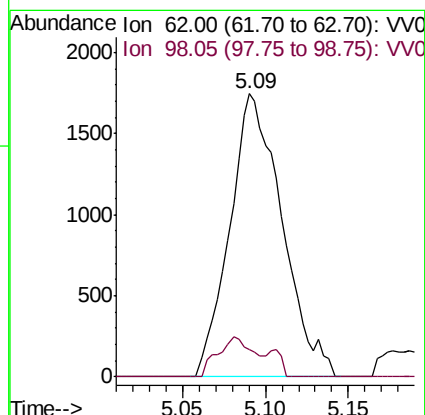
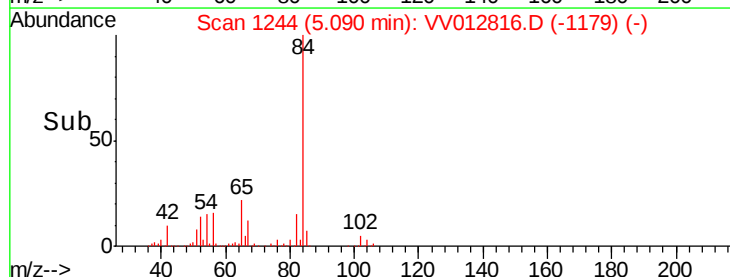
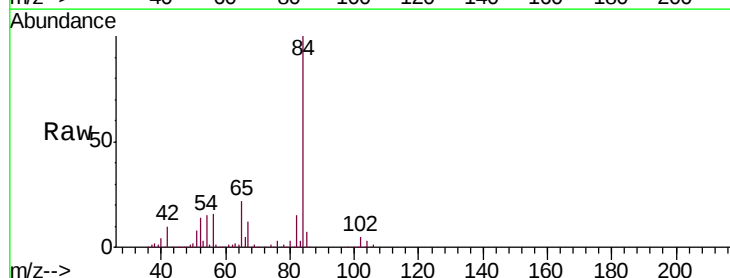
Acq: 16 Sep 2019 00:07

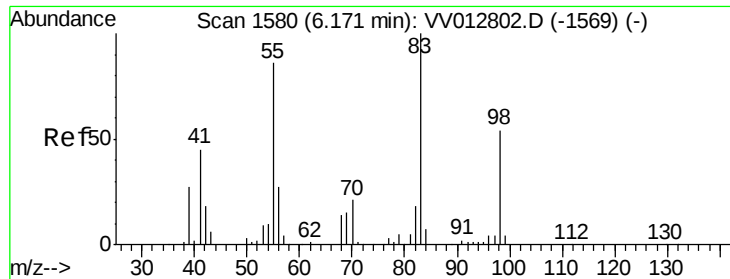
Tgt Ion: 62 Resp: 3825

Ion Ratio Lower Upper

62 100

98 9.6 8.4 12.6

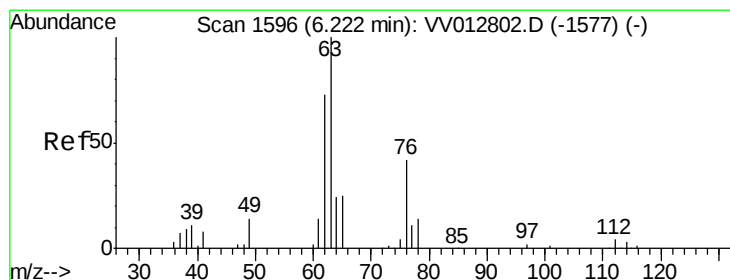
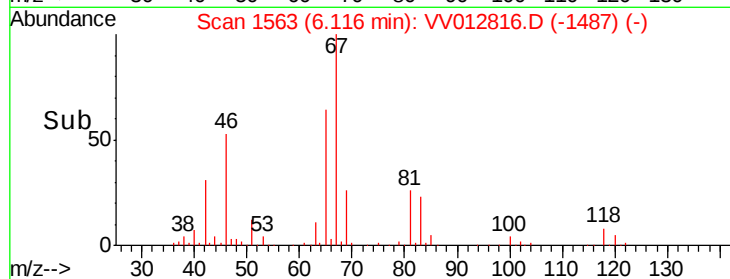
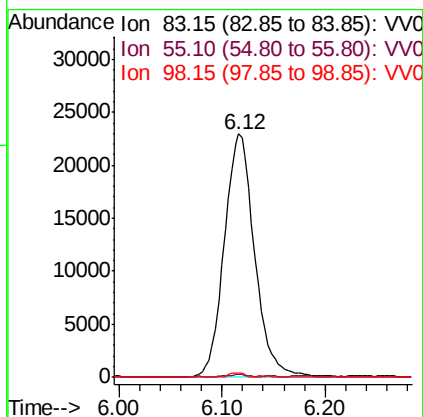
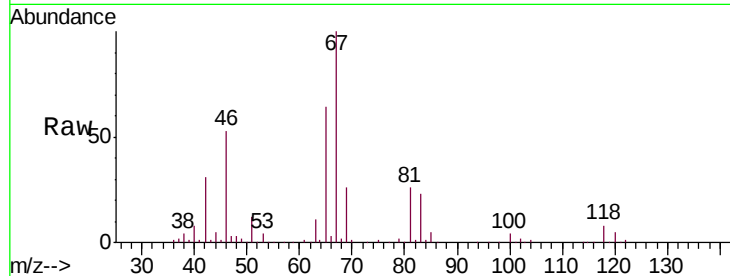




#35
Methylcyclohexane
Concen: 1.045 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012816.D
Acq: 16 Sep 2019 00:07

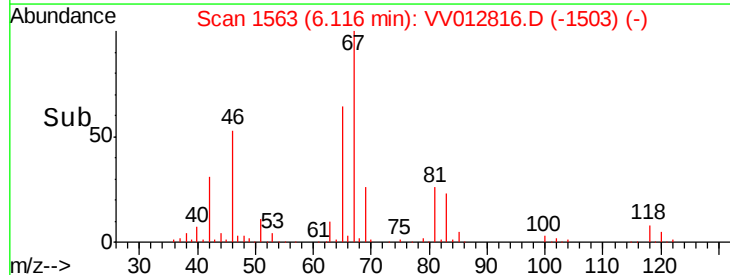
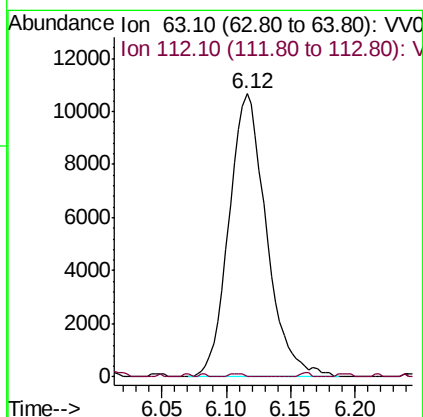
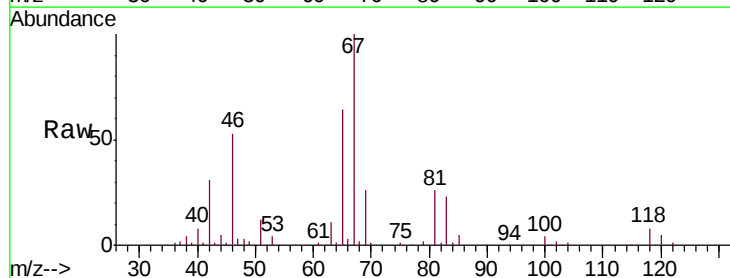
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MSVOA_V
ClientSampleId :
C0JZ7

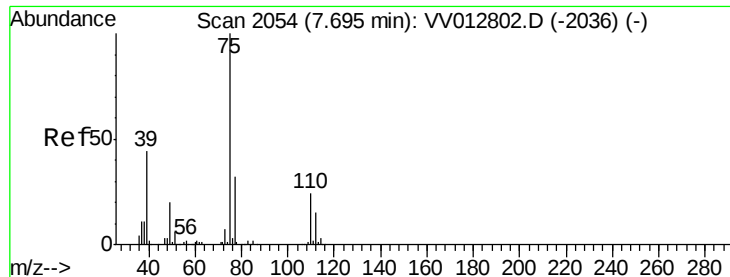
Tgt Ion: 83 Resp: 47172
Ion Ratio Lower Upper
83 100
55 0.8 63.0 94.4#
98 0.9 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.749 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV012816.D
Acq: 16 Sep 2019 00:07

Tgt Ion: 63 Resp: 21553
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#





#44

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012816.D

Acq: 16 Sep 2019 00:07

Instrument :

MSVOA_V

ClientSampleId :

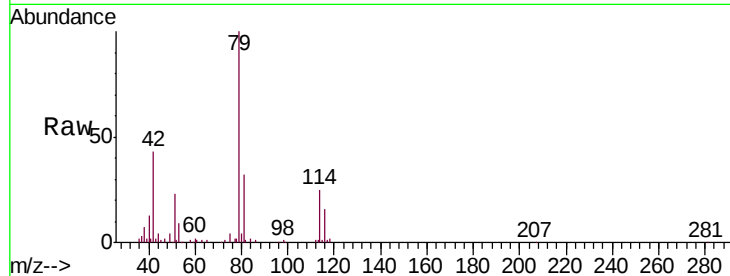
C0JZ7

Tgt Ion: 75 Resp: 2823

Ion Ratio Lower Upper

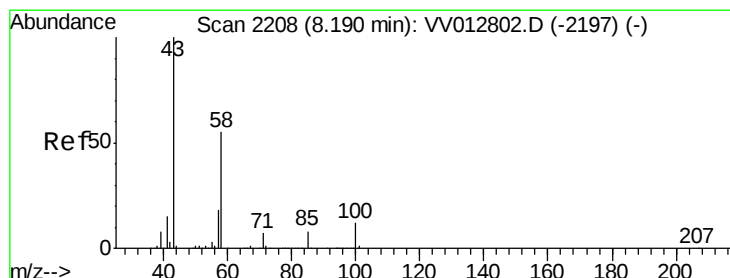
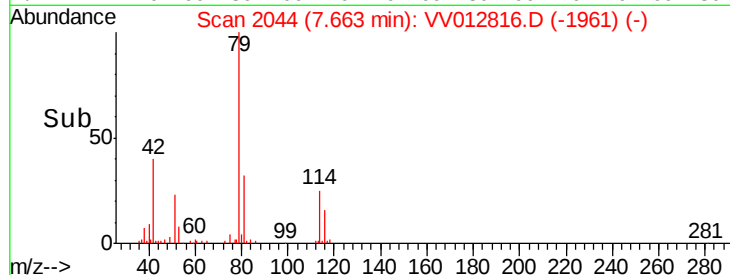
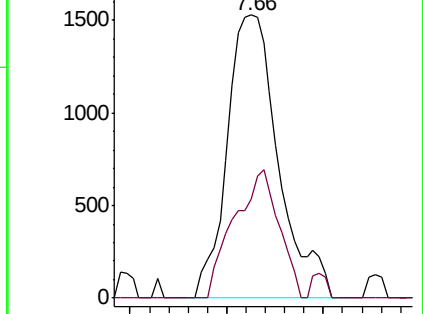
75 100

77 34.9 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 7.674 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012816.D

Acq: 16 Sep 2019 00:07

Tgt Ion: 43 Resp: 87657

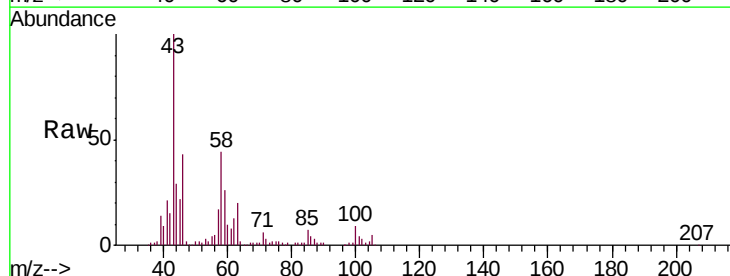
Ion Ratio Lower Upper

43 100

58 40.5 44.8 67.2#

57 13.1 14.9 22.3#

100 8.1 9.8 14.8#



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

