

Data File : VV012285.D

Acq On : 19 Aug 2019 19:01

Operator : SY/MD

Sample : K4395-06

Misc : 25mL/MSVOA_V/WATER

ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COAH0

Quant Time: Aug 20 02:38:30 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Aug 20 02:35:23 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132649	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	55668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32134	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	22323	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	42382	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.94	46	37755	20.66	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	41.32%
24) Chloroform-d	4.40	84	81310	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	46324	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	168695	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	49553	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	143543	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	17369	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.13	63	33212	25.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	51.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28570	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	59165	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

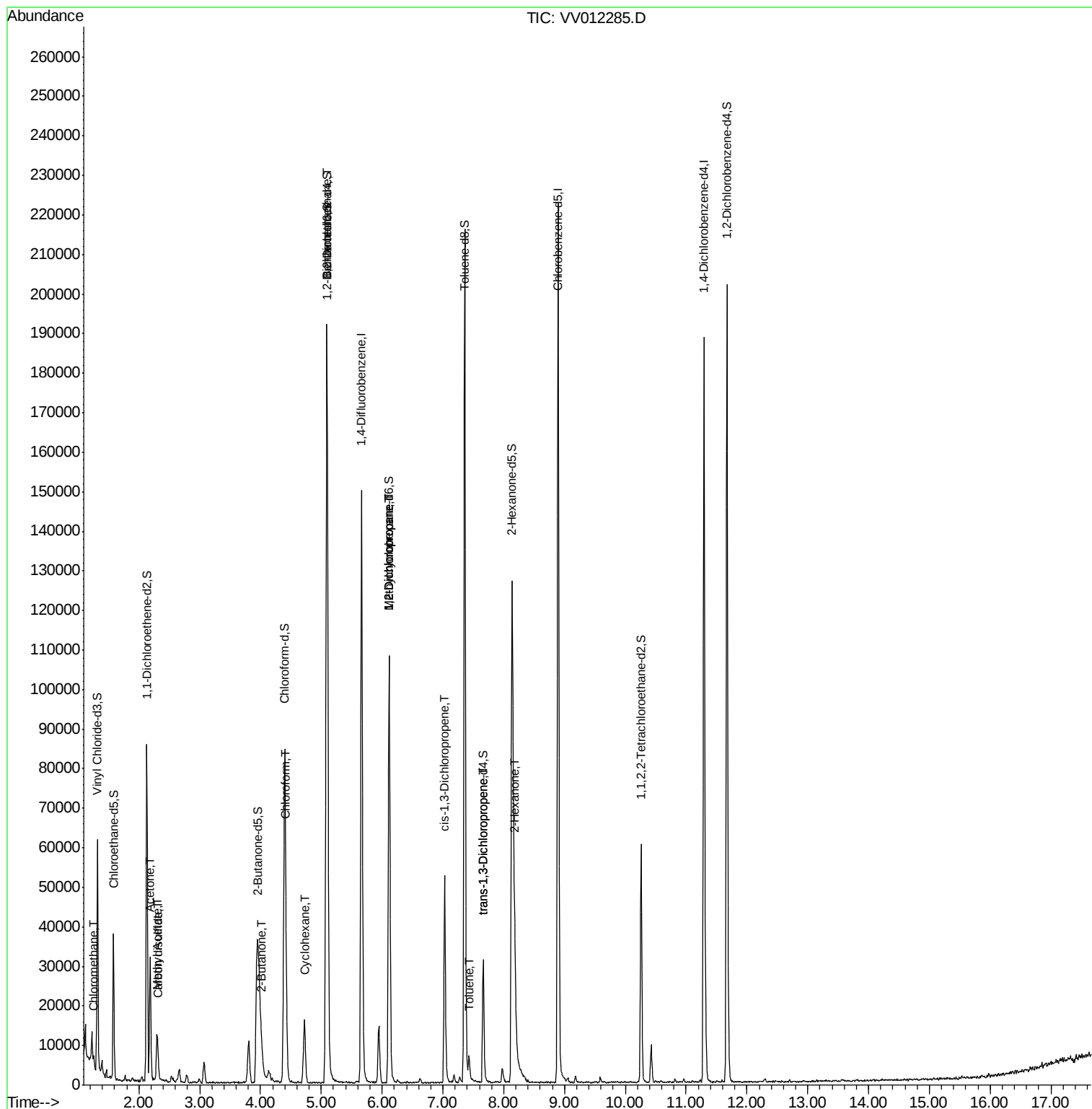
						Qvalue
3) Chloromethane	1.25	50	1244	0.150	ug/L	90
13) Acetone	2.18	43	30177	31.569	ug/L #	68
14) Carbon disulfide	2.32	76	3230	0.191	ug/L	98
15) Methyl Acetate	2.30	43	3176	1.675	ug/L #	44
21) 2-Butanone	4.03	43	15866	8.748	ug/L #	67
25) Chloroform	4.42	83	8216	0.430	ug/L	95
27) 1,2-Dichloroethane	5.10	62	1078	0.099	ug/L #	74
30) Cyclohexane	4.72	56	7313	0.568	ug/L	90
35) Methylcyclohexane	6.12	83	12826	0.822	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	5581	0.671	ug/L #	81
39) cis-1,3-Dichloropropene	7.03	75	1349	0.102	ug/L #	22
42) Toluene	7.43	91	3819	0.097	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	835	0.079	ug/L	94
48) 2-Hexanone	8.18	43	21999	7.000	ug/L #	87

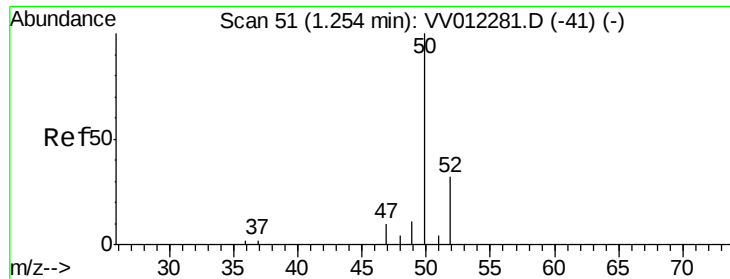
(#)= qualifier out of range (m)= manual integration (+)= signals summed

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#3

Chloromethane

Concen: 0.150 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV012285.D

Acq: 19 Aug 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

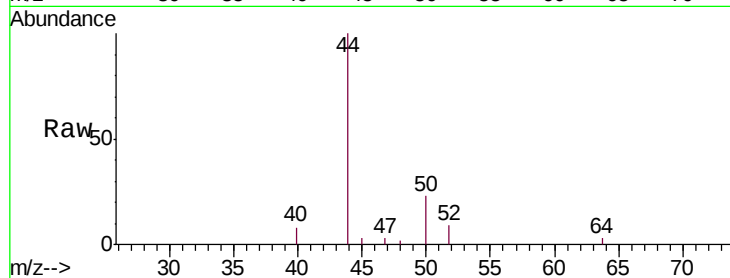
C0AH0

Tgt Ion: 50 Resp: 1244

Ion Ratio Lower Upper

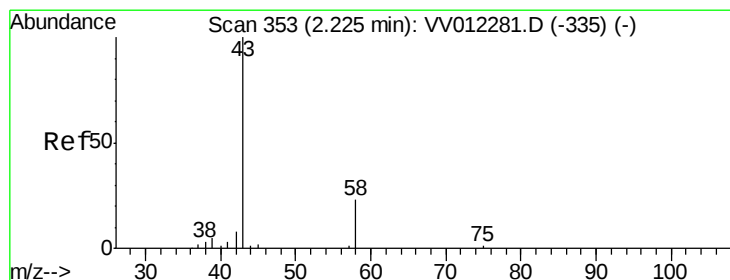
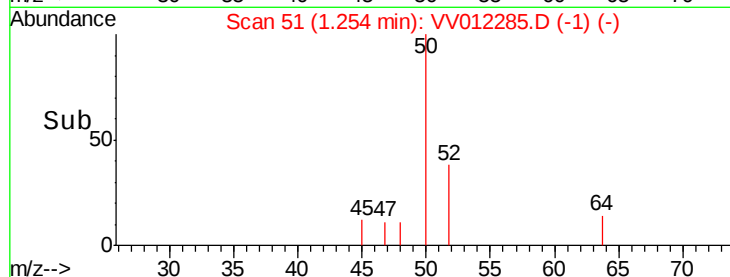
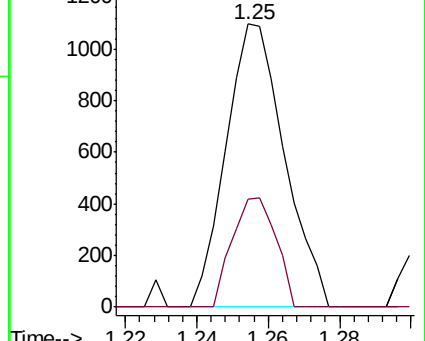
50 100

52 38.1 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 31.569 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV012285.D

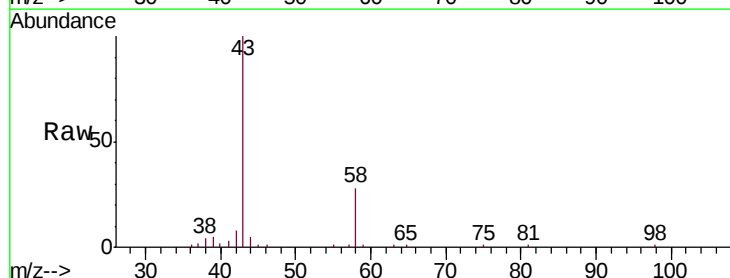
Acq: 19 Aug 2019 19:01

Tgt Ion: 43 Resp: 30177

Ion Ratio Lower Upper

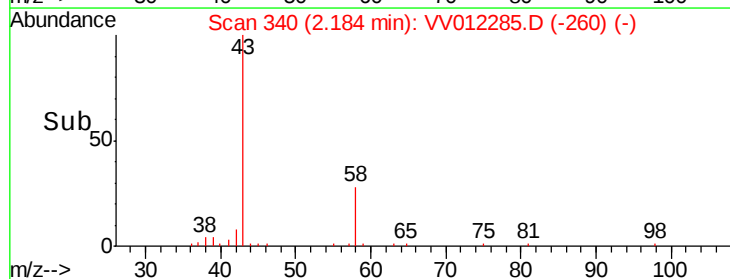
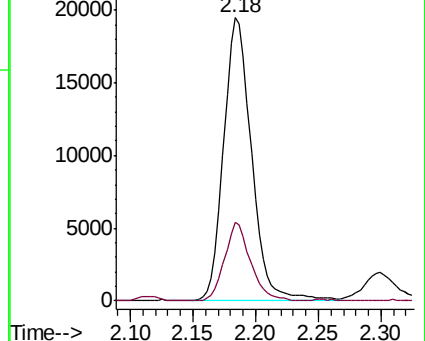
43 100

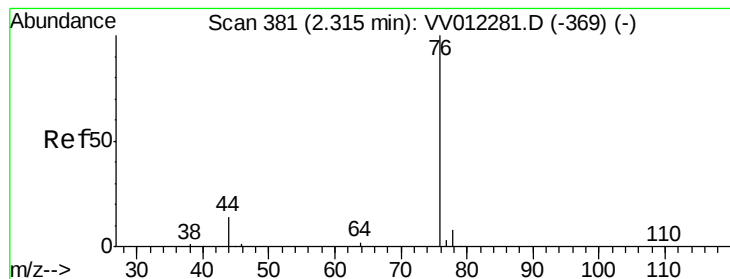
58 25.6 0.0 25.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.191 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012285.D

Acq: 19 Aug 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

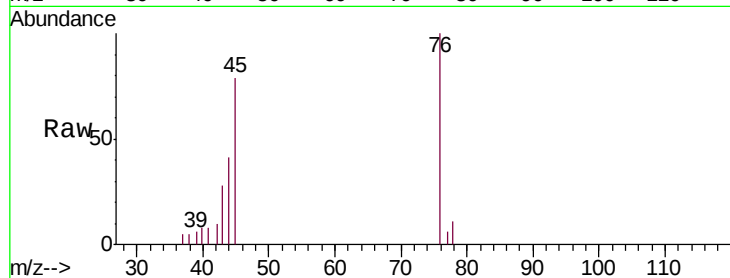
C0AH0

Tgt Ion: 76 Resp: 3230

Ion Ratio Lower Upper

76 100

78 11.3 8.3 12.5



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

2500

2000

1500

1000

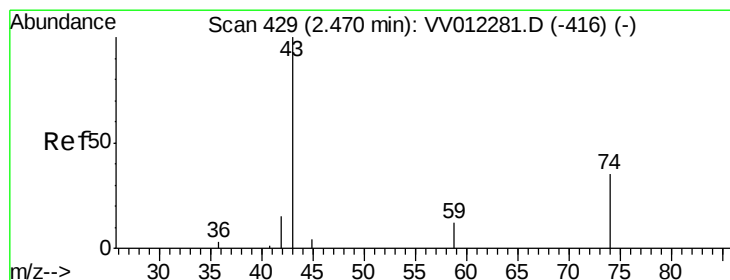
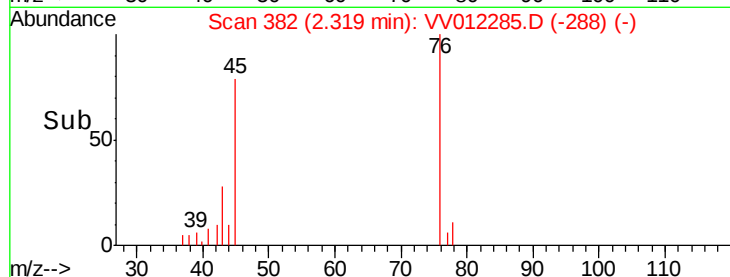
500

0

Time-->

2.30

2.35



#15

Methyl Acetate

Concen: 1.675 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.17 min

Lab File: VV012285.D

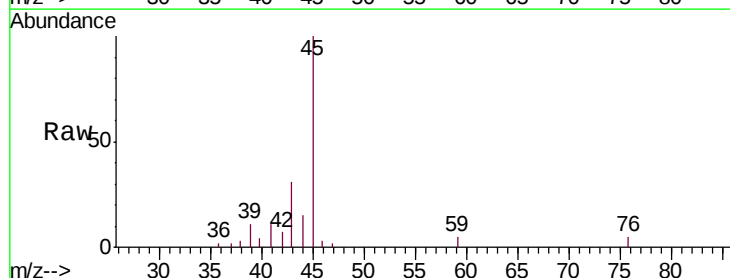
Acq: 19 Aug 2019 19:01

Tgt Ion: 43 Resp: 3176

Ion Ratio Lower Upper

43 100

74 0.0 24.9 37.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.30

2000

1500

1000

500

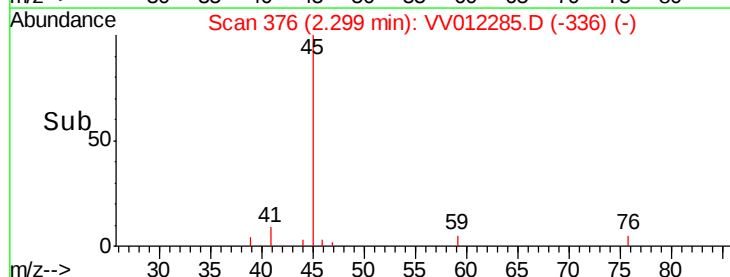
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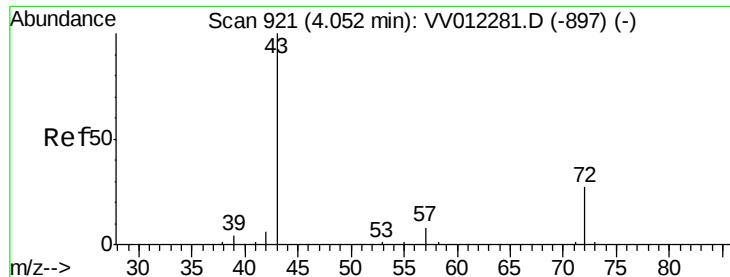
Time-->

2.25

2.30

2.35

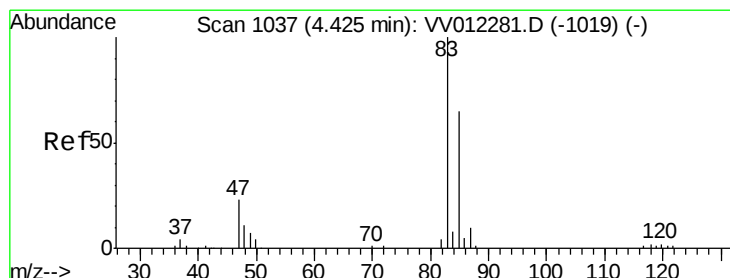
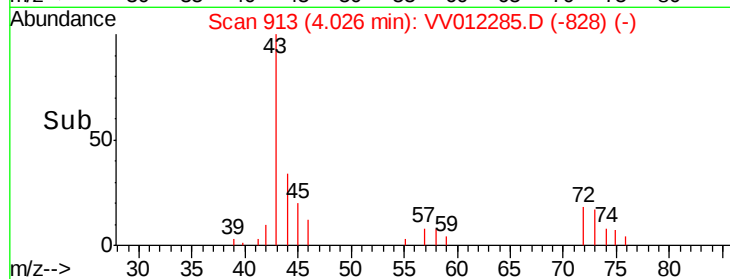
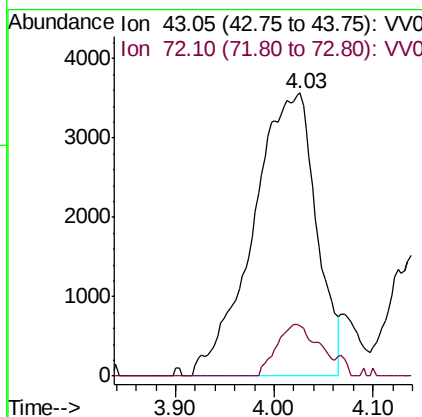
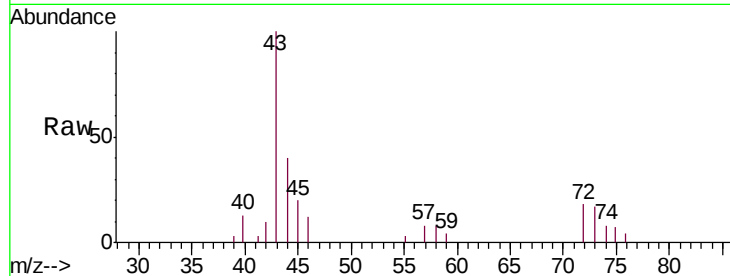




#21
2-Butanone
Concen: 8.748 ug/L
RT: 4.03 min Scan# 913
Delta R.T. -0.03 min
Lab File: VV012285.D
Acq: 19 Aug 2019 19:01

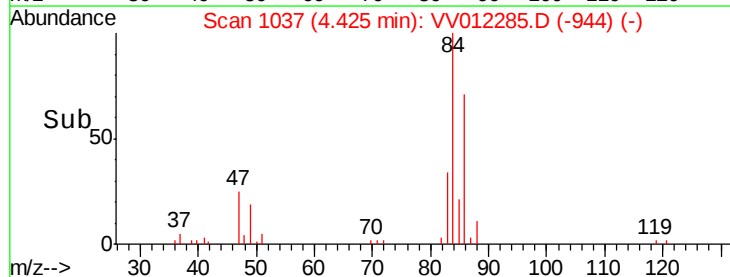
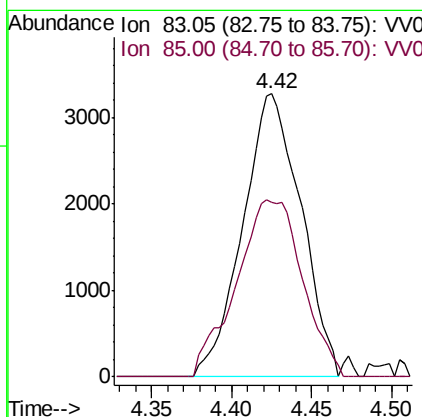
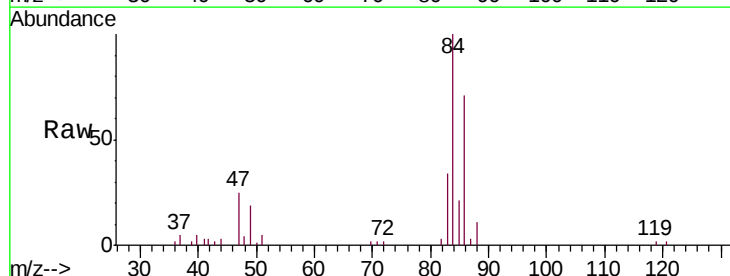
Instrument :
MSVOA_V
ClientSampled :
C0AH0

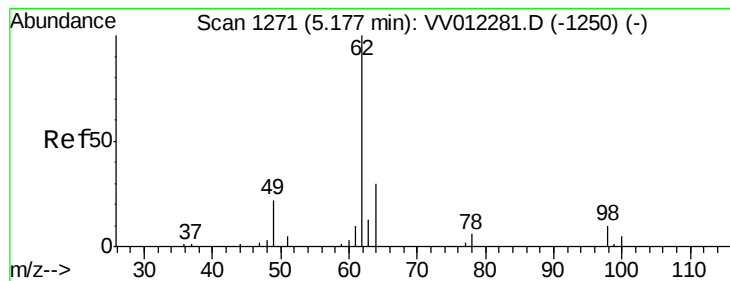
Tgt Ion: 43 Resp: 15866
Ion Ratio Lower Upper
43 100
72 12.1 14.8 44.4#



#25
Chloroform
Concen: 0.430 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012285.D
Acq: 19 Aug 2019 19:01

Tgt Ion: 83 Resp: 8216
Ion Ratio Lower Upper
83 100
85 61.5 46.1 85.5





#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV012285.D

Acq: 19 Aug 2019 19:01

Instrument :

MSVOA_V

ClientSampled :

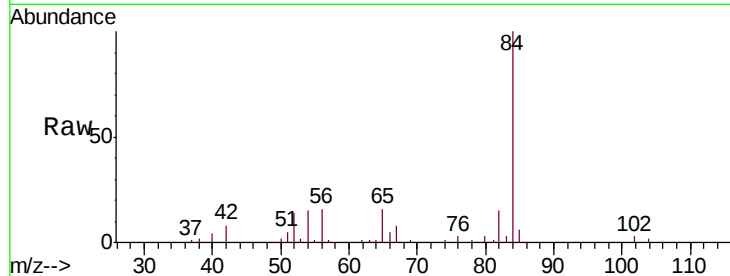
C0AH0

Tgt Ion: 62 Resp: 1078

Ion Ratio Lower Upper

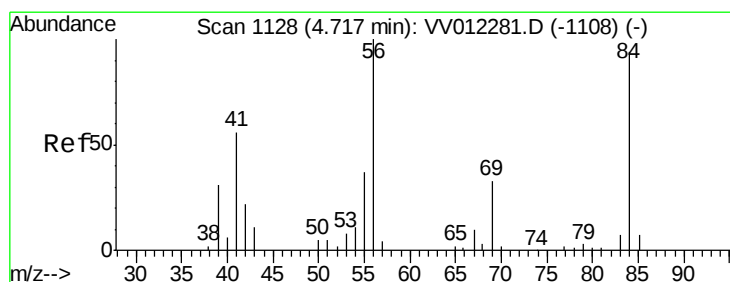
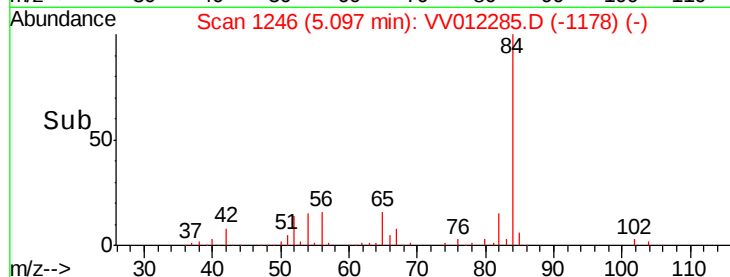
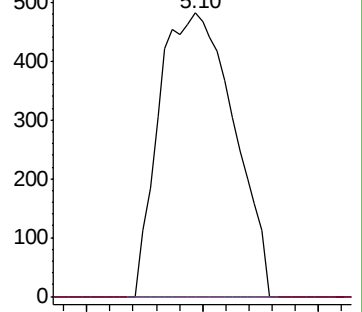
62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#30

Cyclohexane

Concen: 0.568 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VV012285.D

Acq: 19 Aug 2019 19:01

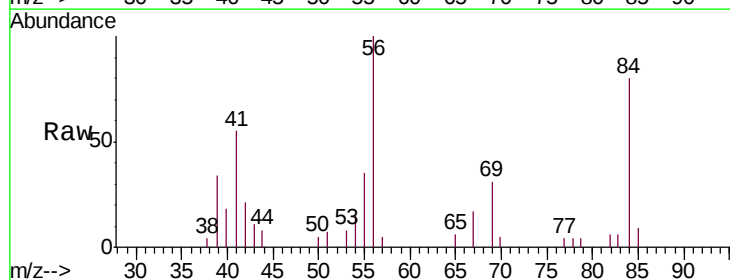
Tgt Ion: 56 Resp: 7313

Ion Ratio Lower Upper

56 100

69 33.2 25.3 37.9

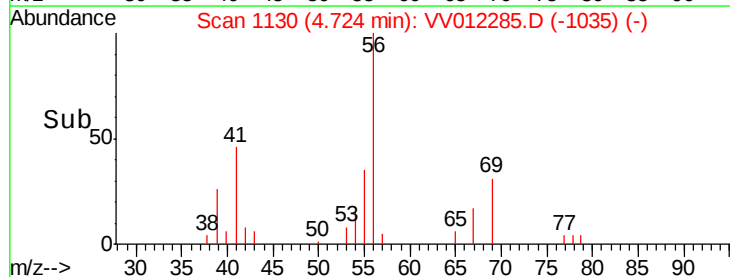
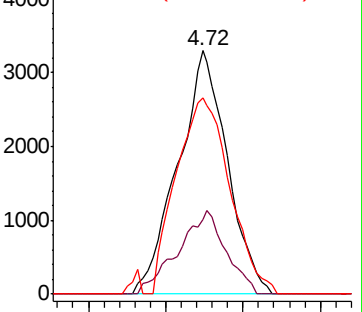
84 87.8 79.9 119.9

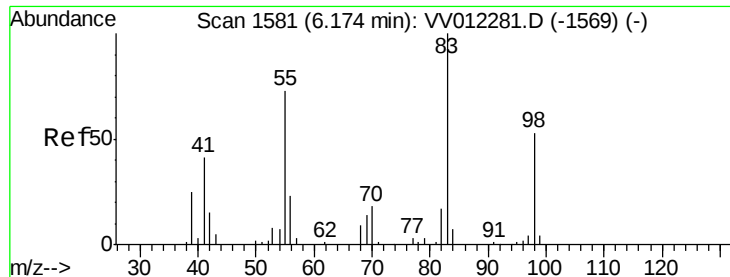


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0

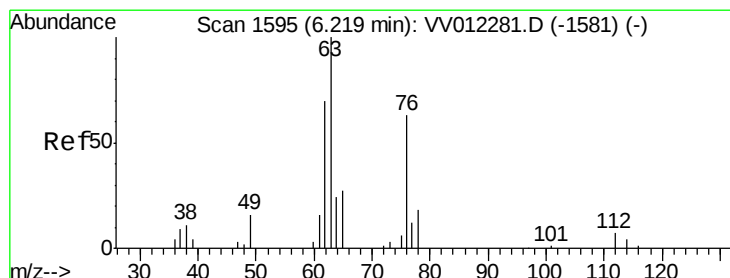
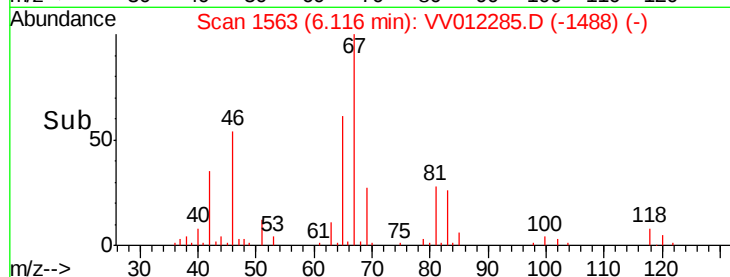
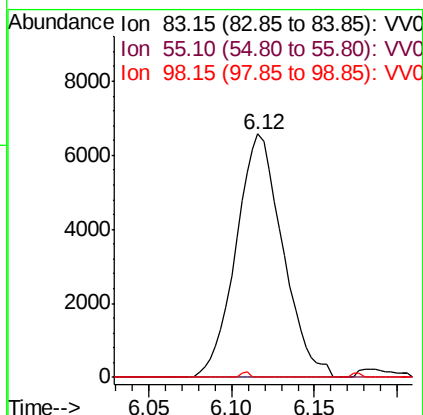
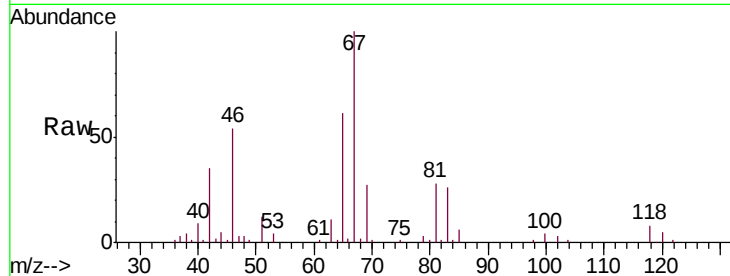




#35
Methylcyclohexane
Concen: 0.822 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012285.D
Acq: 19 Aug 2019 19:01

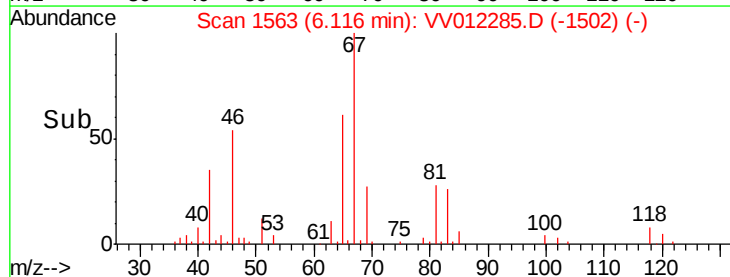
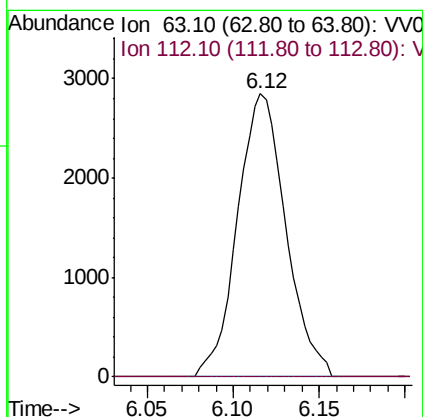
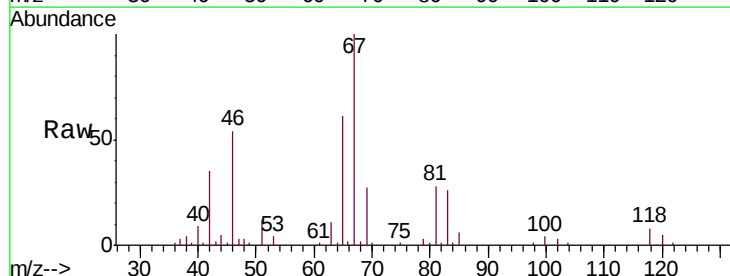
Instrument :
MSVOA_V
ClientSampleId :
C0AH0

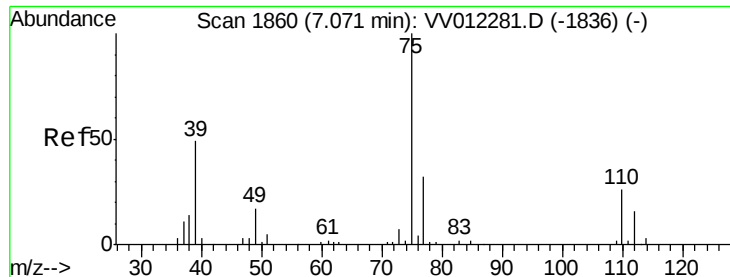
Tgt Ion: 83 Resp: 12826
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.4 40.3 60.5#



#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012285.D
Acq: 19 Aug 2019 19:01

Tgt Ion: 63 Resp: 5581
Ion Ratio Lower Upper
63 100
112 0.0 5.1 7.7#

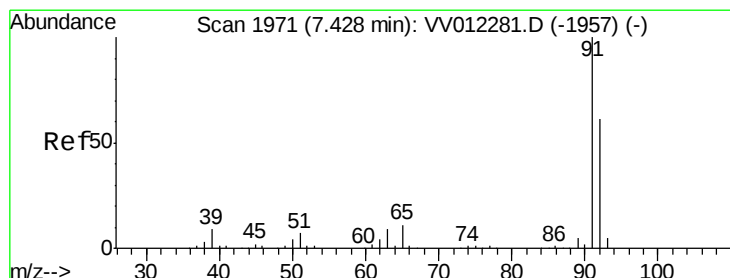
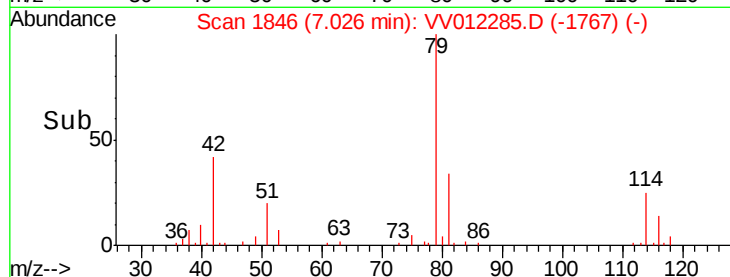
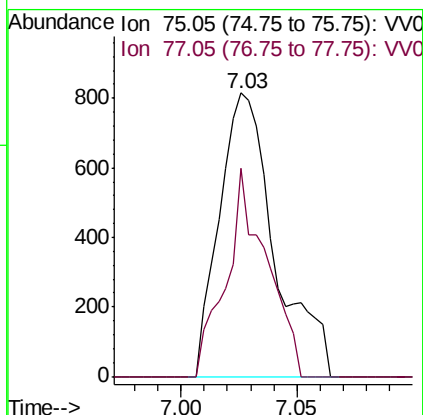
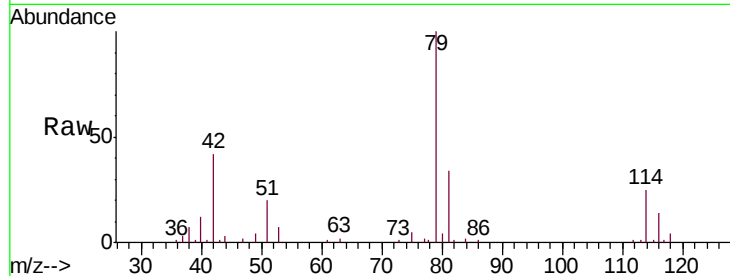




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV012285.D
 Acq: 19 Aug 2019 19:01

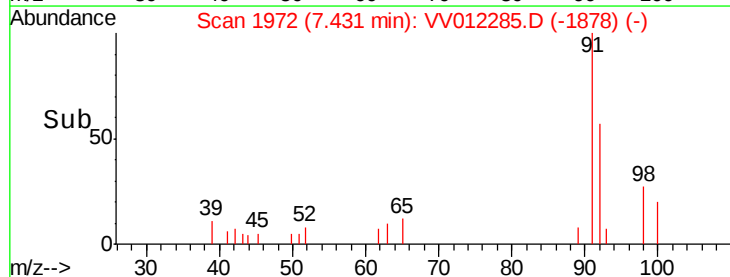
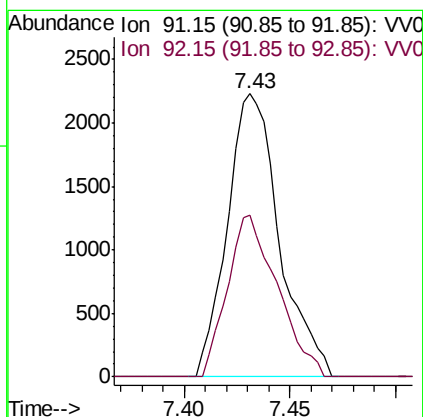
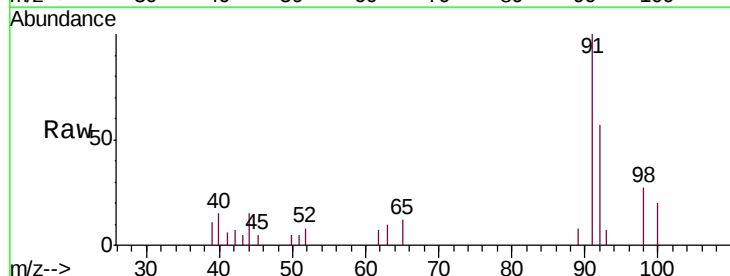
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH0

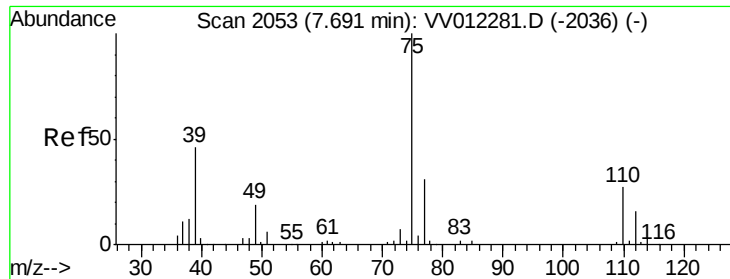
Tgt Ion: 75 Resp: 1349
 Ion Ratio Lower Upper
 75 100
 77 73.6 21.5 39.9#



#42
 Toluene
 Concen: 0.097 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012285.D
 Acq: 19 Aug 2019 19:01

Tgt Ion: 91 Resp: 3819
 Ion Ratio Lower Upper
 91 100
 92 57.1 41.6 77.3





#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012285.D

Acq: 19 Aug 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

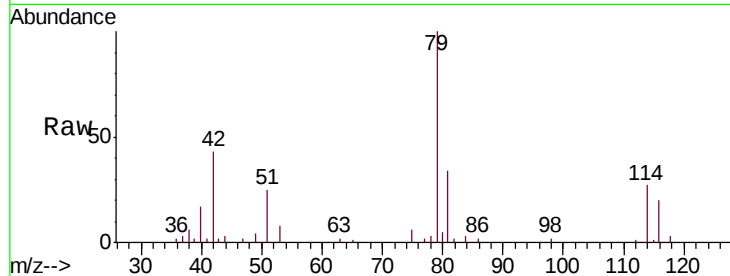
C0AH0

Tgt Ion: 75 Resp: 835

Ion Ratio Lower Upper

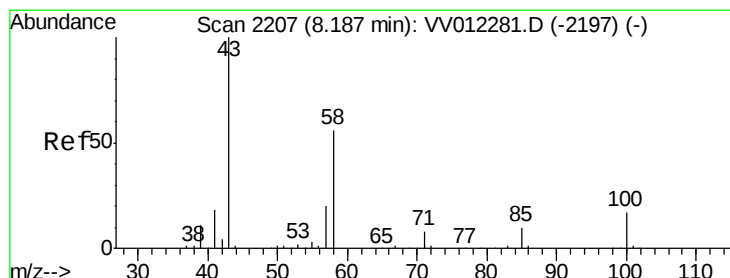
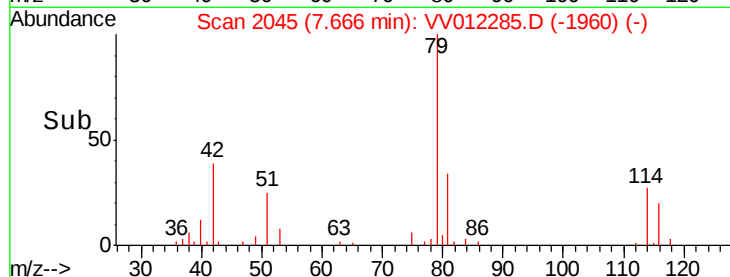
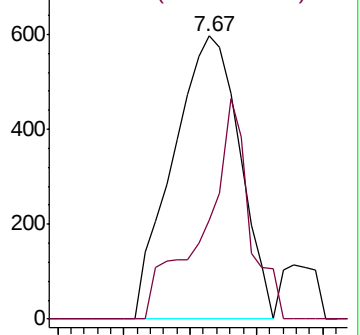
75 100

77 34.8 22.1 41.1



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 7.000 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.01 min

Lab File: VV012285.D

Acq: 19 Aug 2019 19:01

Tgt Ion: 43 Resp: 21999

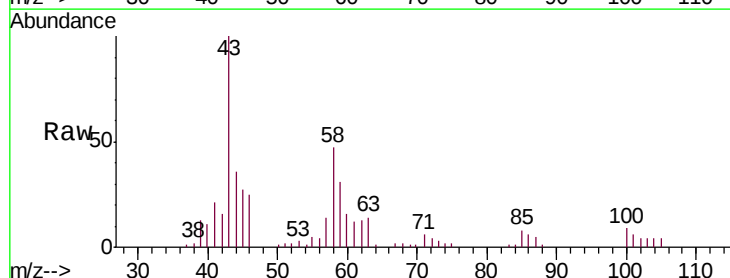
Ion Ratio Lower Upper

43 100

58 64.9 45.4 68.2

57 14.0 16.8 25.2#

100 7.7 12.2 18.2#



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

