

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015314.D
 Acq On : 31 Mar 2020 15:24
 Operator : SY/MD
 Sample : L1975-18RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 01 01:25:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	575470	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	569536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	244778	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	187725	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.48%
7) Chloroethane-d5	1.58	69	188488	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.54%
11) 1,1-Dichloroethene-d2	2.12	63	301851	33.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.72%
21) 2-Butanone-d5	4.10	46	856	0.31	ug/L	0.17
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.31%#
24) Chloroform-d	4.38	84	372876	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
26) 1,2-Dichloroethane-d4	5.06	65	254202	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
32) Benzene-d6	5.08	84	727496	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
36) 1,2-Dichloropropane-d6	6.09	67	232810	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.14%
41) Toluene-d8	7.34	98	692278	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%
43) trans-1,3-Dichloropropene-	7.64	79	118349	46.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.48%
47) 2-Hexanone-d5	8.11	63	292109	133.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.92%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	342804	49.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	242259	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%

Target Compounds

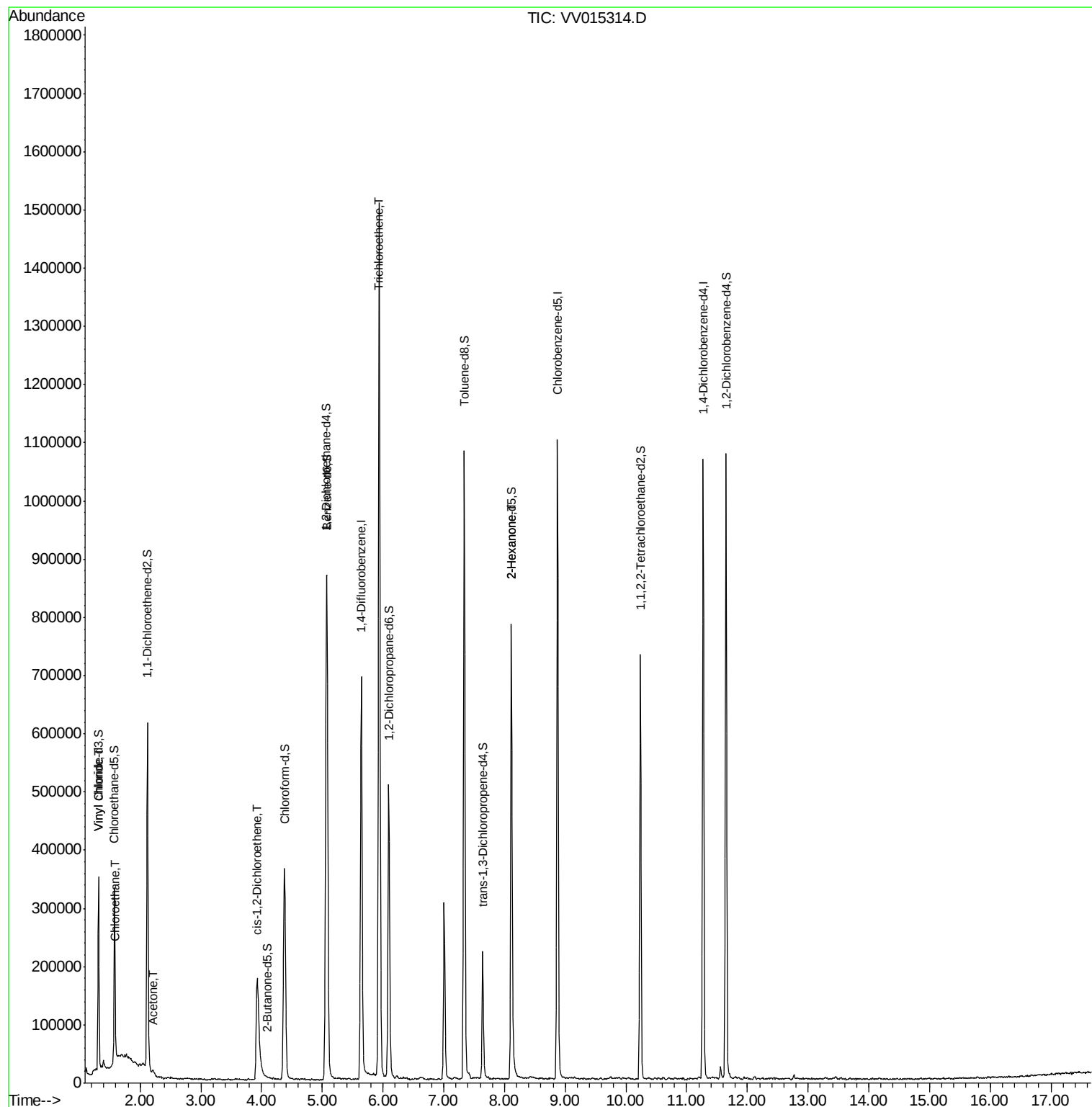
					Ovalue
5) Vinyl chloride	1.32	62	9714	2.003	ug/L # 39
8) Chloroethane	1.60	64	29583	8.845	ug/L # 57
13) Acetone	2.21	43	14976	7.998	ug/L 78
20) cis-1,2-Dichloroethene	3.94	96	10643	2.655	ug/L # 96
34) Trichloroethene	5.94	95	528846	130.750	ug/L 99
48) 2-Hexanone	8.11	43	32762	7.489	ug/L # 71

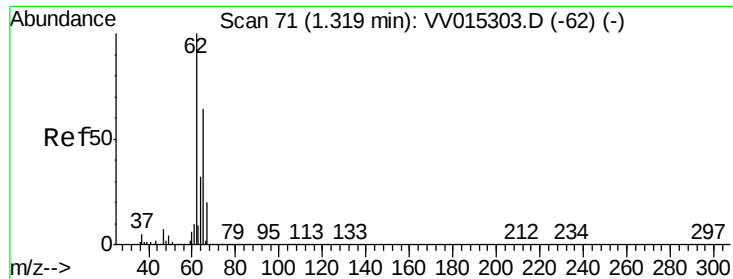
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 01 01:17:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.003 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015314.D

Acq: 31 Mar 2020 15:24

Instrument :

MSVOA_V

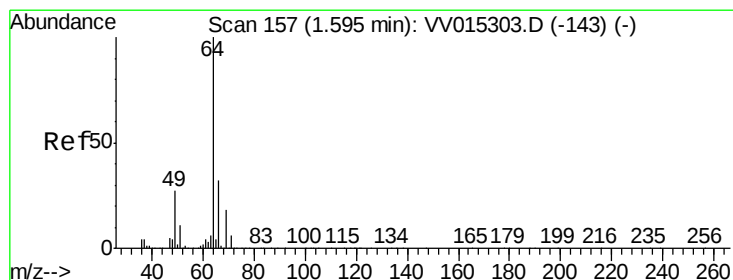
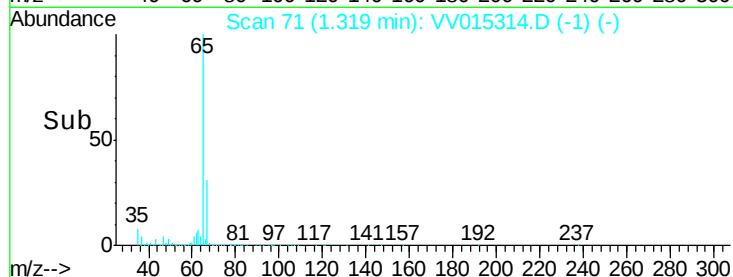
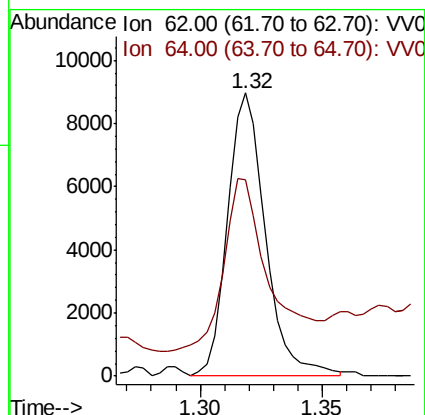
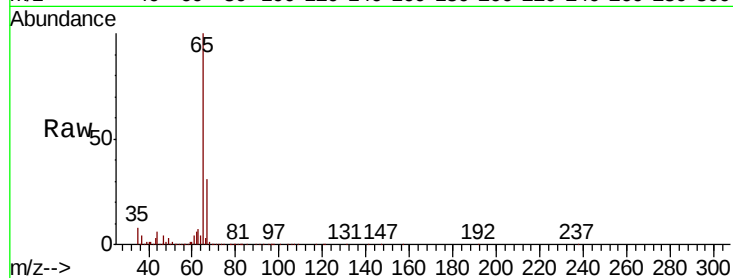
ClientSampleId :

Tot Ion: 62 Resp: 9714

Ion Ratio Lower Upper

62 100

64 69.4 23.9 44.3#



#8

Chloroethane

Concen: 8.845 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV015314.D

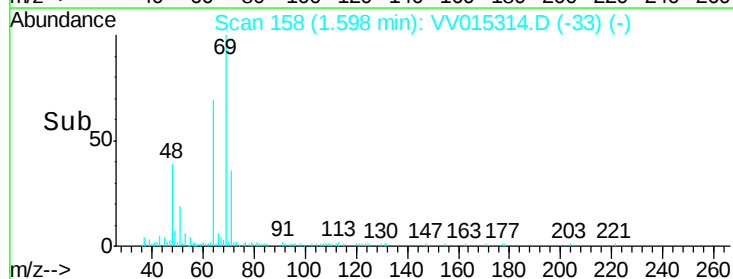
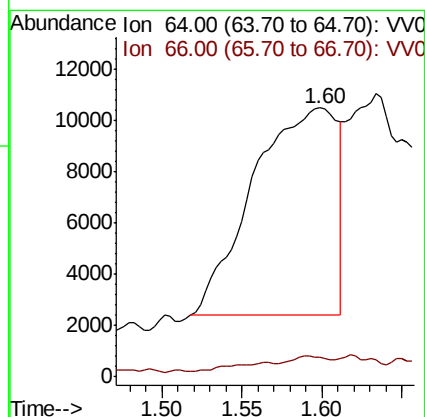
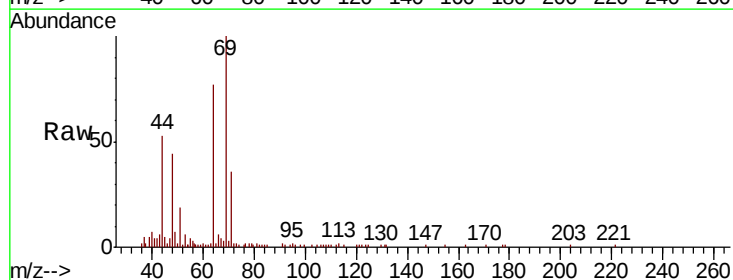
Acq: 31 Mar 2020 15:24

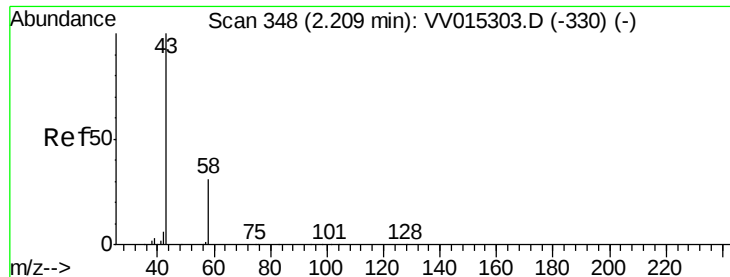
Tgt Ion: 64 Resp: 29583

Ion Ratio Lower Upper

64 100

66 7.2 21.5 39.9#





#13

Acetone

Concen: 7.998 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV015314.D

Acq: 31 Mar 2020 15:24

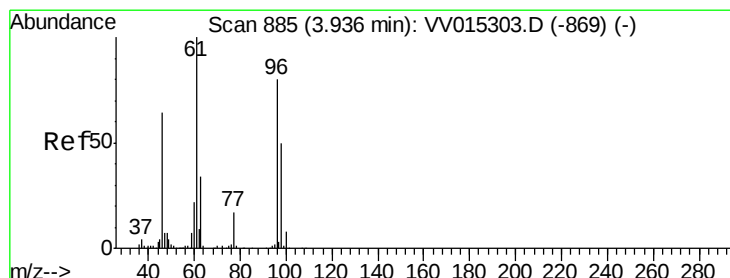
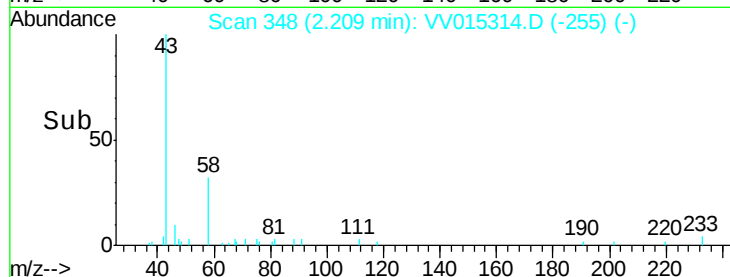
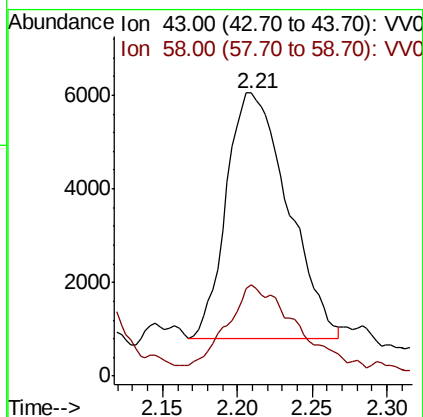
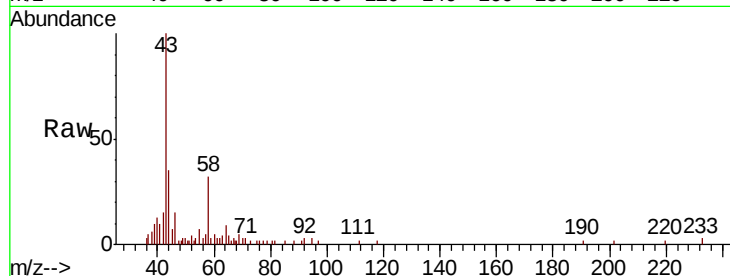
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14976

Ion Ratio Lower Upper

43 100 0.0 63.6

58 19.3 0.0 63.6



#20

cis-1,2-Dichloroethene

Concen: 2.655 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV015314.D

Acq: 31 Mar 2020 15:24

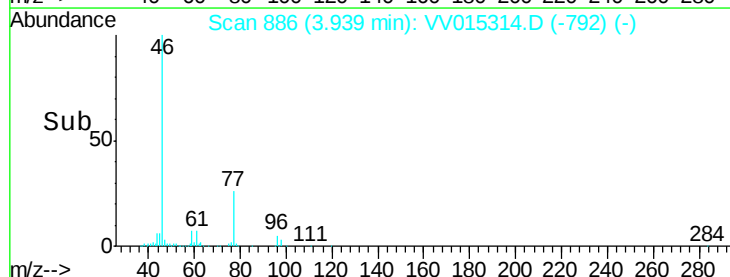
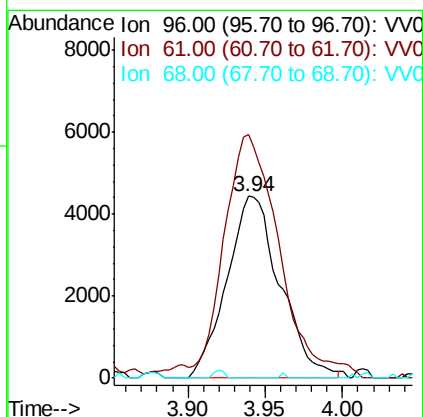
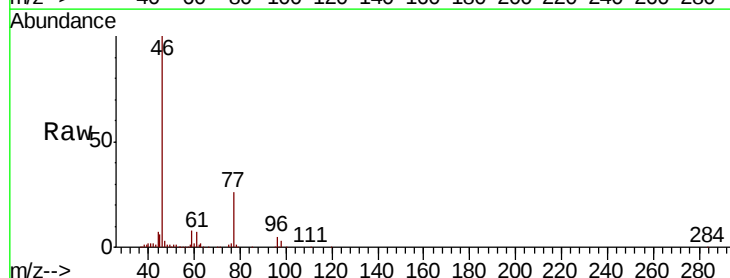
Tgt Ion: 96 Resp: 10643

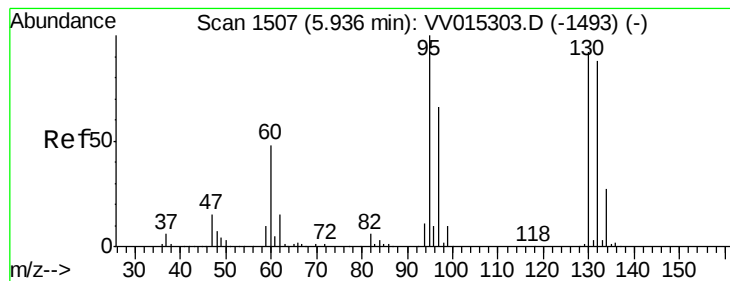
Ion Ratio Lower Upper

96 100 90.2 167.6

61 133.8 90.2 167.6

68 0.0 0.1 0.1#





#34

Trichloroethene

Concen: 130.750 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV015314.D

Acq: 31 Mar 2020 15:24

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 528846

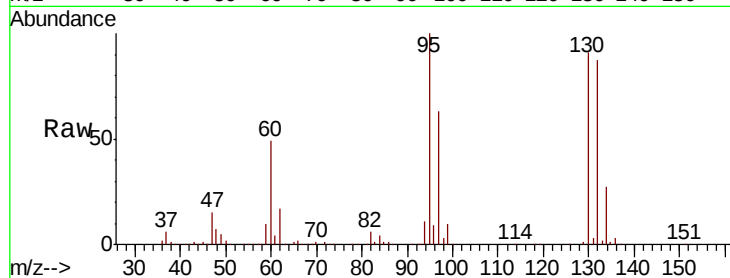
Ion Ratio Lower Upper

95 100

97 62.5 44.0 81.6

132 87.2 61.8 114.8

130 91.2 64.5 119.9

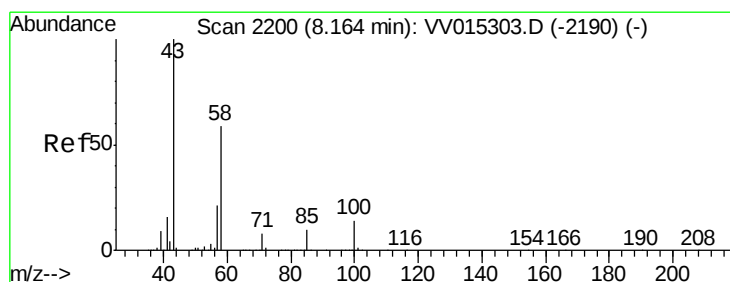
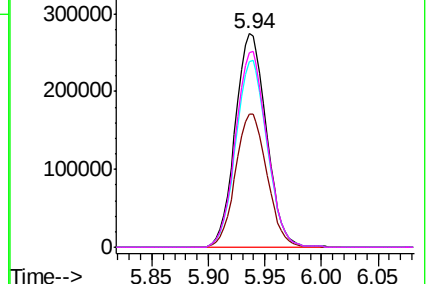
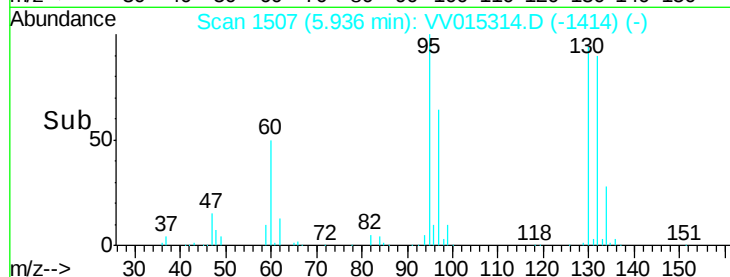


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#48

2-Hexanone

Concen: 7.489 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015314.D

Acq: 31 Mar 2020 15:24

Tgt Ion: 43 Resp: 32762

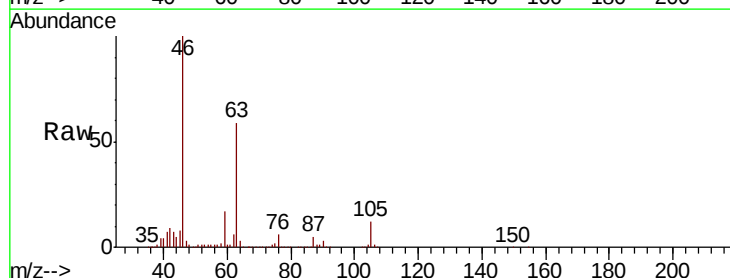
Ion Ratio Lower Upper

43 100

58 31.5 47.0 70.6#

57 22.0 16.2 24.2

100 0.2 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

