

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015197.D
 Acq On : 27 Mar 2020 06:10
 Operator : SY/MD
 Sample : L1976-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 07:04:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 06:56:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	599323	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	586151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	238737	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145199	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.32%
7) Chloroethane-d5	1.58	69	151901	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.72%
11) 1,1-Dichloroethene-d2	2.12	63	233606	31.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.72%
21) 2-Butanone-d5	3.94	46	266975	83.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.39%
24) Chloroform-d	4.38	84	324045	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	5.06	65	225972	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
32) Benzene-d6	5.08	84	617656	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
36) 1,2-Dichloropropane-d6	6.10	67	211104	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.34	98	574391	52.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.14%
43) trans-1,3-Dichloropropene-	7.64	79	74281	31.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.72%
47) 2-Hexanone-d5	8.12	63	196755	77.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.37%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	317925	43.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	212956	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%

Target Compounds

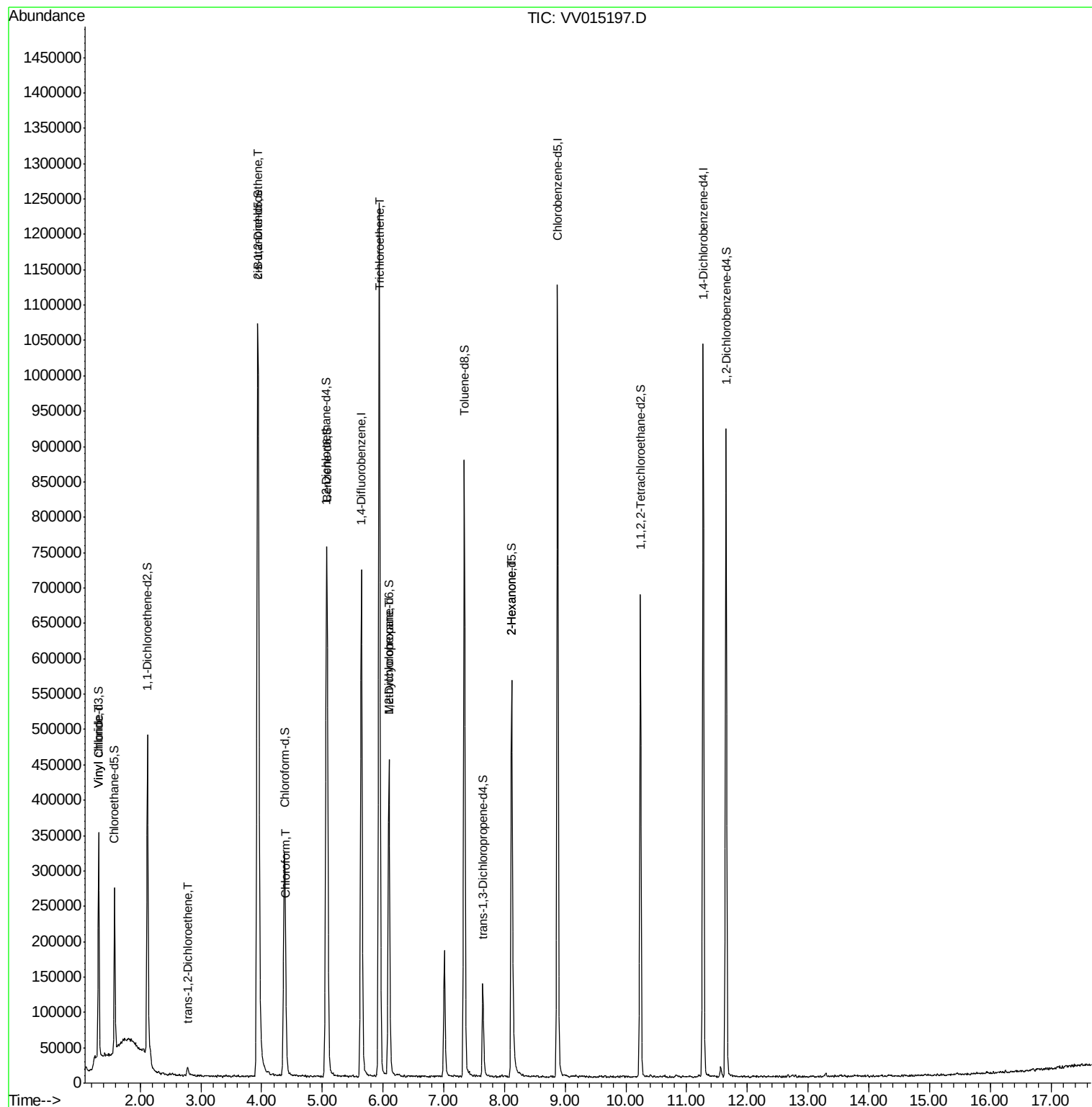
					Ovalue
5) Vinyl chloride	1.32	62	59193	10.062	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	4652	1.107	ug/L 91
20) cis-1,2-Dichloroethene	3.94	96	532180	113.728	ug/L # 97
25) Chloroform	4.41	83	12507	1.565	ug/L 88
34) Trichloroethene	5.94	95	427453	94.031	ug/L 98
35) Methylcyclohexane	6.10	83	50954	6.745	ug/L # 19
48) 2-Hexanone	8.12	43	26793	5.043	ug/L # 93

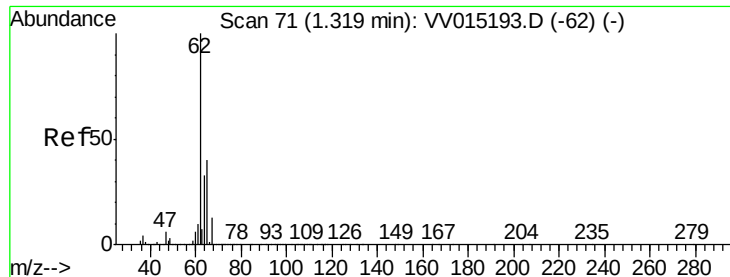
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 06:56:02 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.062 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV015197.D

Acq: 27 Mar 2020 06:10

Instrument :

MSVOA_V

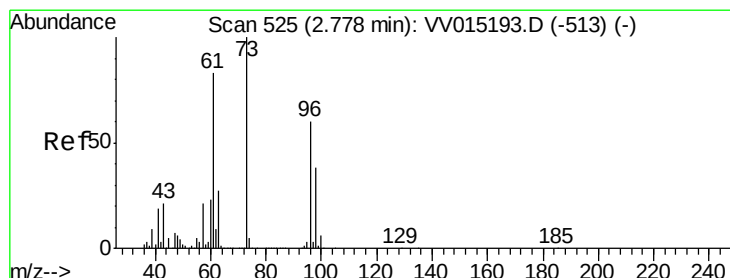
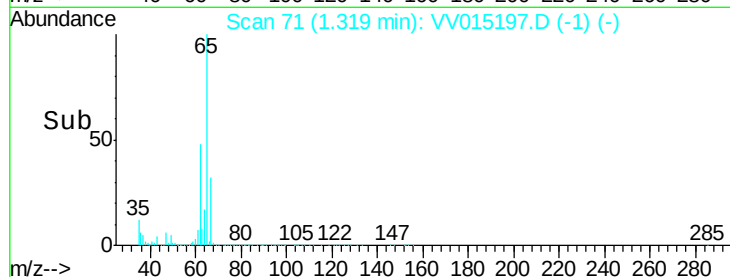
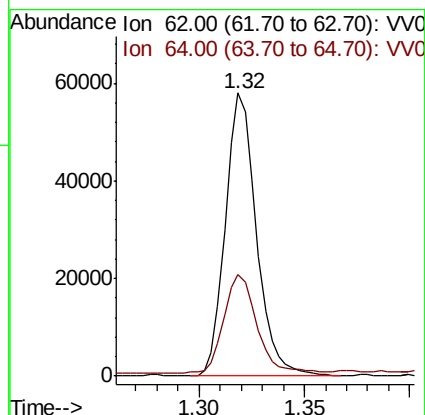
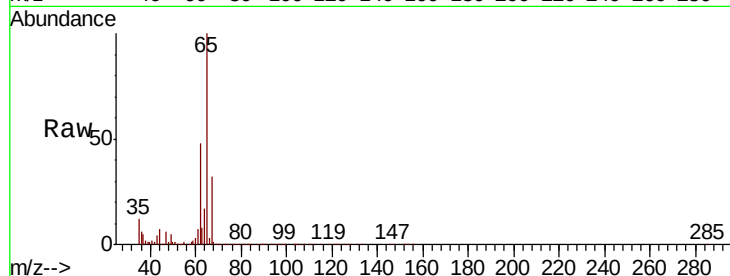
ClientSampleId :

Tot Ion: 62 Resp: 59193

Ion Ratio Lower Upper

62 100

64 35.7 22.8 42.4



#17

trans-1,2-Dichloroethene

Concen: 1.107 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV015197.D

Acq: 27 Mar 2020 06:10

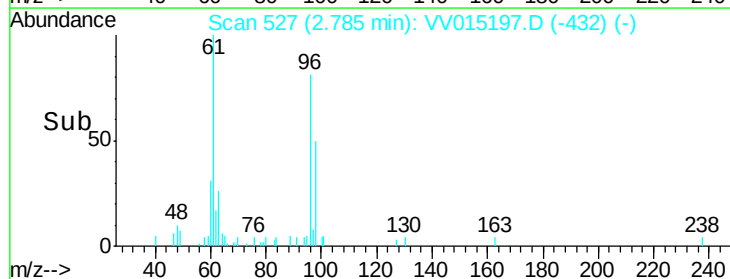
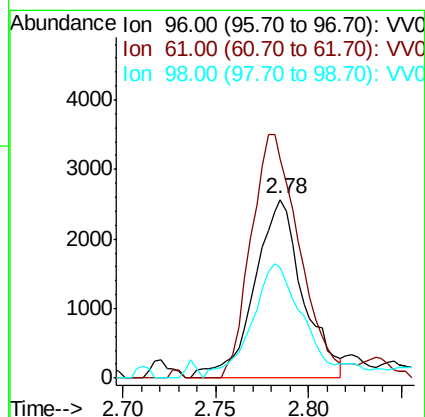
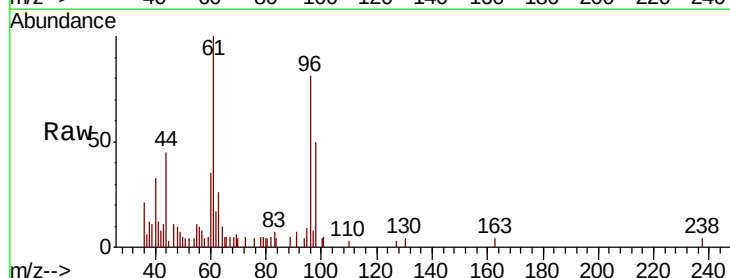
Tgt Ion: 96 Resp: 4652

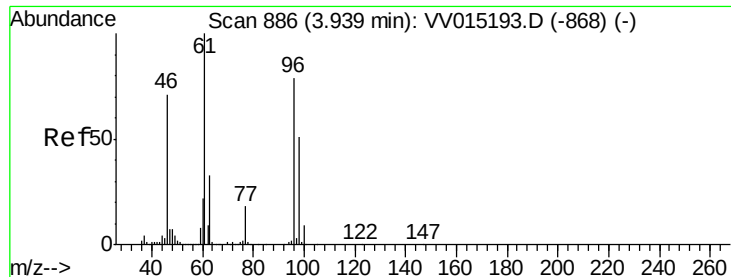
Ion Ratio Lower Upper

96 100

61 122.9 96.4 179.0

98 61.7 43.8 81.4

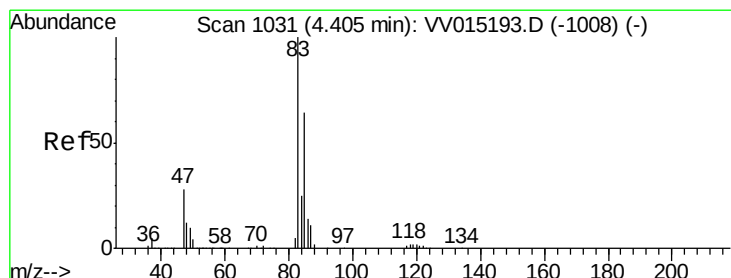
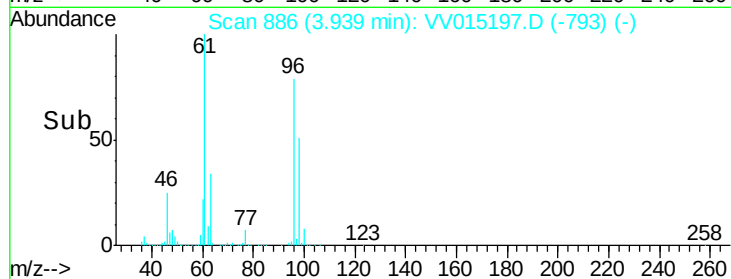
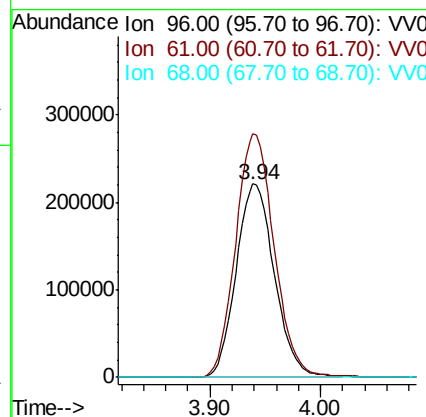
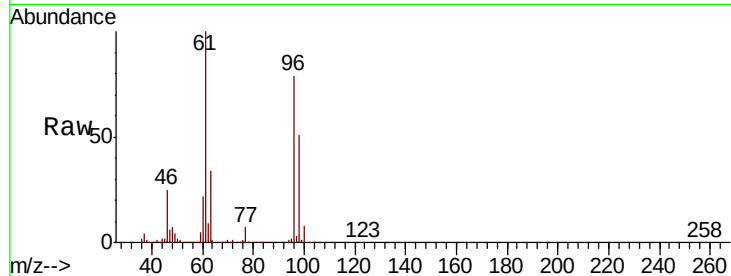




#20
 cis-1,2-Dichloroethene
 Concen: 113.728 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV015197.D
 Acq: 27 Mar 2020 06:10

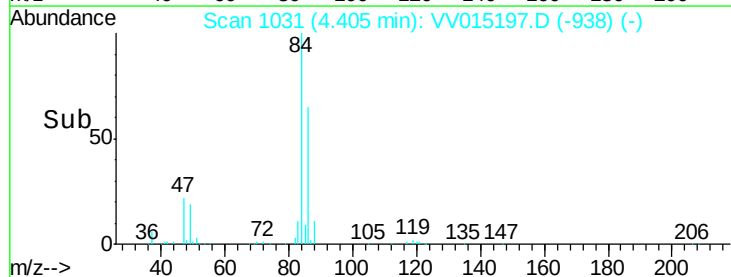
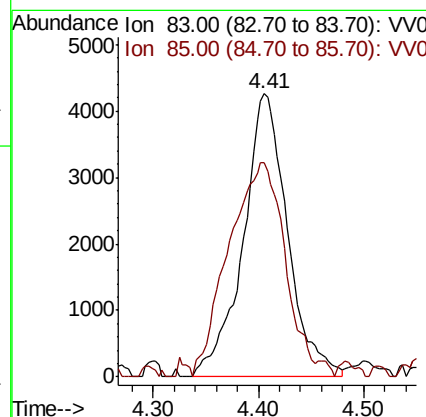
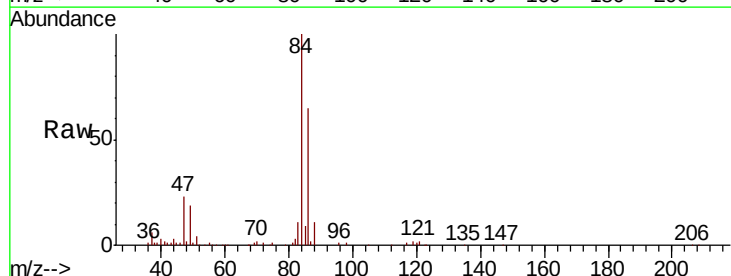
Instrument :
 MSVOA_V
 ClientSampleId :

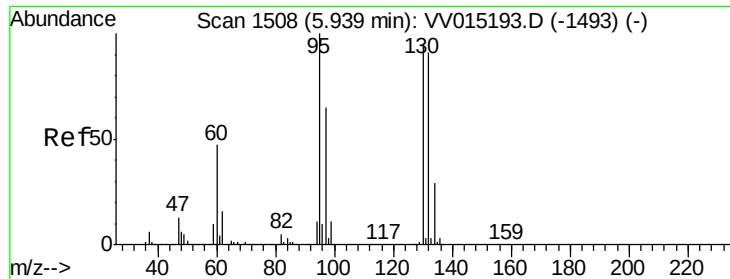
Tot Ion: 96 Resp: 532180
 Ion Ratio Lower Upper
 96 100
 61 125.9 90.2 167.4
 68 0.1 0.1 0.3#



#25
 Chloroform
 Concen: 1.565 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VV015197.D
 Acq: 27 Mar 2020 06:10

Tgt Ion: 83 Resp: 12507
 Ion Ratio Lower Upper
 83 100
 85 75.6 46.2 85.8





#34

Trichloroethene

Concen: 94.031 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV015197.D

Acq: 27 Mar 2020 06:10

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 95 Resp: 427453

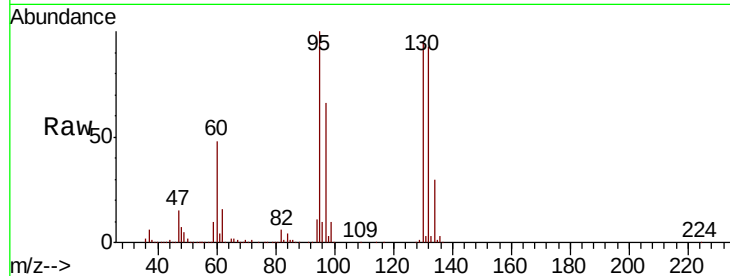
Ion Ratio Lower Upper

95 100

97 66.3 44.8 83.2

132 92.7 63.2 117.4

130 94.6 66.8 124.0

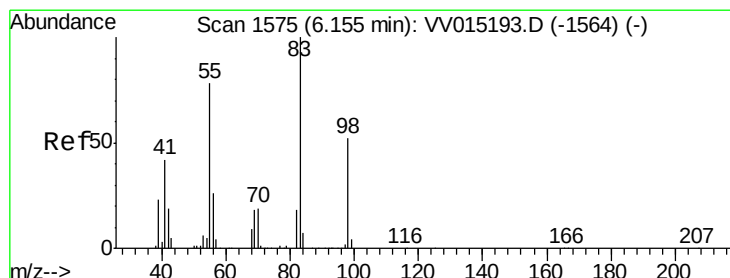
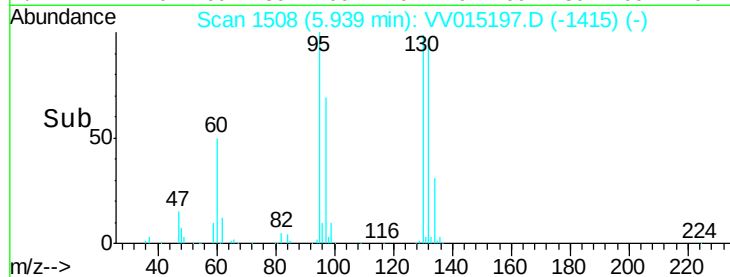
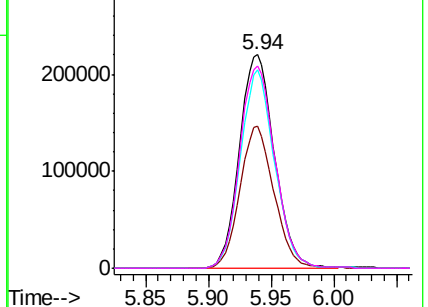


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 6.745 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015197.D

Acq: 27 Mar 2020 06:10

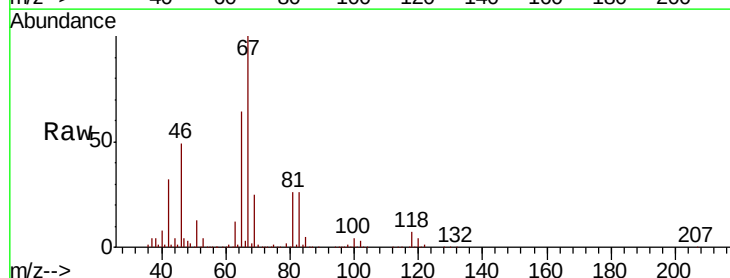
Tgt Ion: 83 Resp: 50954

Ion Ratio Lower Upper

83 100

55 0.1 58.8 88.2#

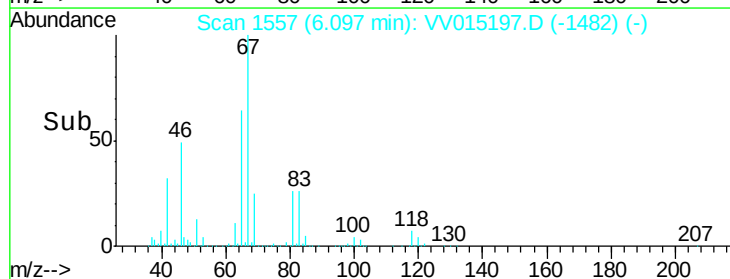
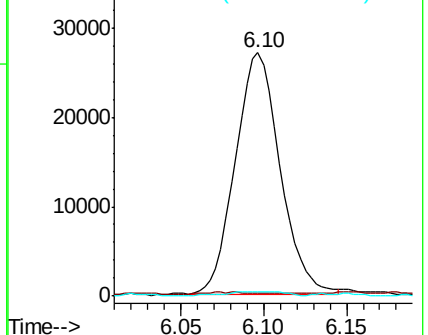
98 0.0 38.8 58.2#

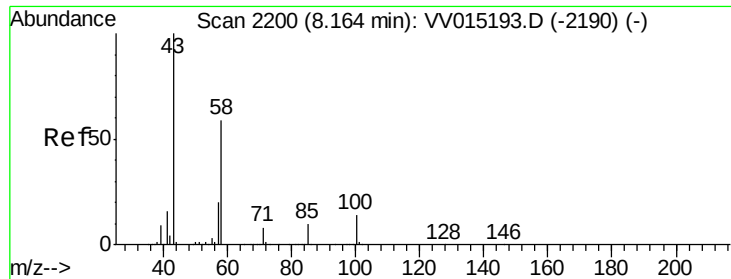


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#48
 2-Hexanone
 Concen: 5.043 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV015197.D
 Acq: 27 Mar 2020 06:10

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 26793
 Ion Ratio Lower Upper
 43 100
 58 54.7 44.3 66.5
 57 22.2 15.4 23.0
 100 0.7 10.4 15.6#

