

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019747.D
 Acq On : 19 Dec 2020 19:00
 Operator : SY/MD
 Sample : L5131-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H02

Quant Time: Dec 21 03:42:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	701333	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	649529	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	301066	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	242665	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.50%
7) Chloroethane-d5	1.57	69	196943	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.30%
11) 1,1-Dichloroethene-d2	2.11	63	358354	38.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.78%
21) 2-Butanone-d5	3.89	46	354329	129.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.63%
24) Chloroform-d	4.35	84	449050	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	5.04	65	317448	53.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.18%
32) Benzene-d6	5.05	84	909995	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
36) 1,2-Dichloropropane-d6	6.07	67	291948	53.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.60%
41) Toluene-d8	7.32	98	797789	51.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.30%
43) trans-1,3-Dichloropropene-	7.62	79	135903	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.06%
47) 2-Hexanone-d5	8.09	63	222527	104.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.48%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	358791	48.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.76%
64) 1,2-Dichlorobenzene-d4	11.63	152	288715	51.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

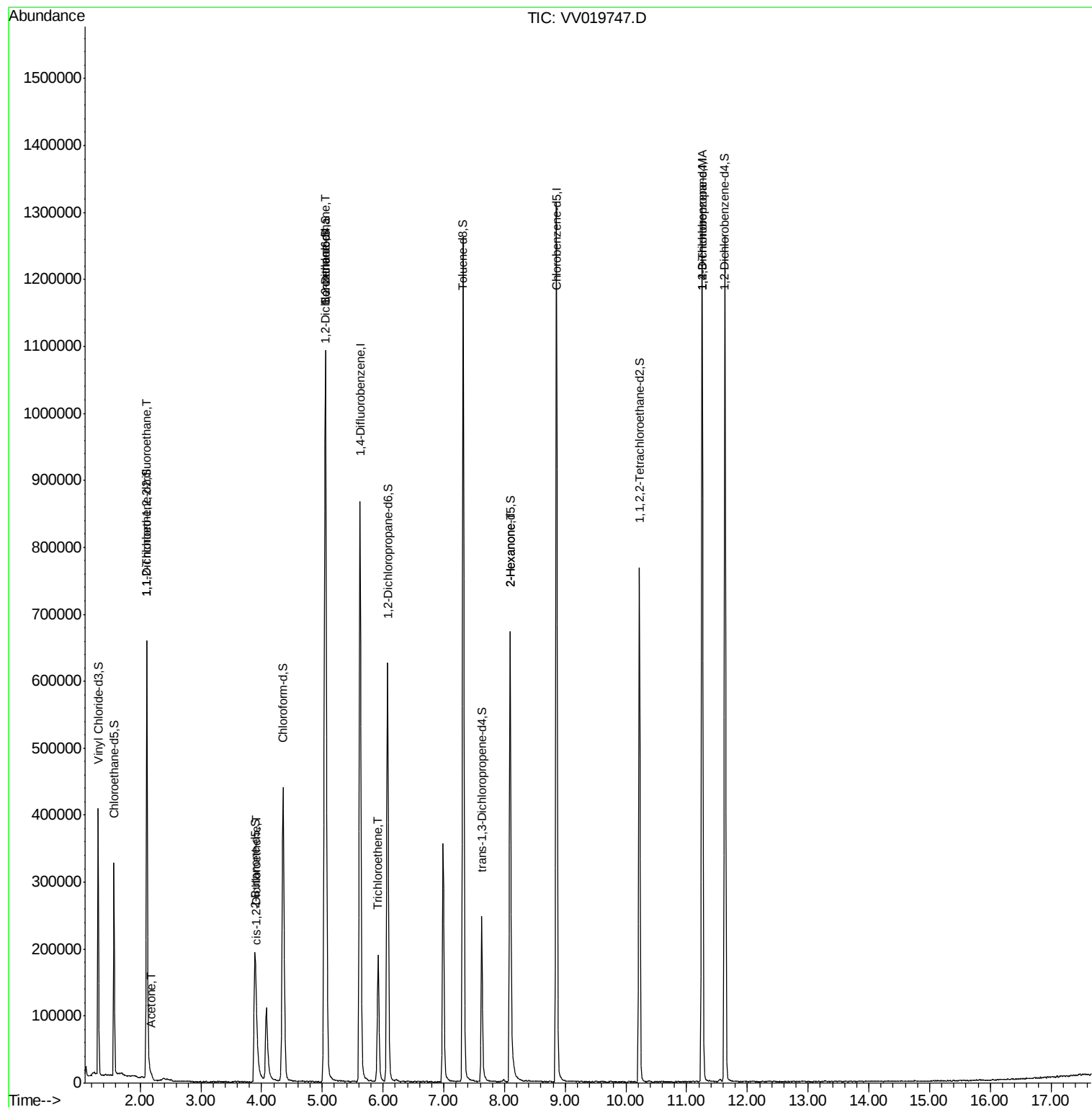
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3137	0.770 ug/L #	22
13) Acetone	2.19	43	9373	4.025 ug/L	88
20) cis-1,2-Dichloroethene	3.92	96	8227	1.634 ug/L #	87
27) 1,2-Dichloroethane	5.05	62	5990	0.815 ug/L	100
34) Trichloroethene	5.92	95	63252	12.614 ug/L	99
48) 2-Hexanone	8.09	43	29546	5.444 ug/L #	70
59) 1,2,3-Trichloropropane	11.25	75	40560	6.578 ug/L	89

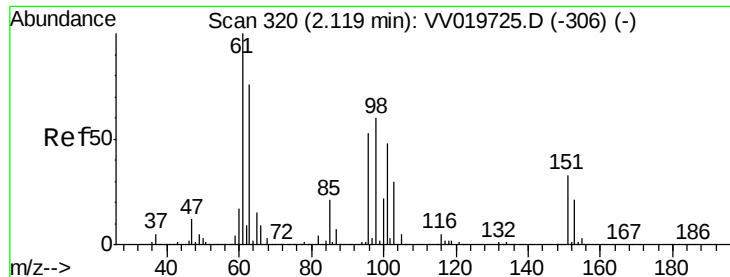
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Dec 21 03:36:59 2020
Response via : Initial Calibration





#10

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

Concen: 0.770 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019747.D

Acq: 19 Dec 2020 19:00

Instrument :

MSVOA_V

ClientSampleId :

F4H02

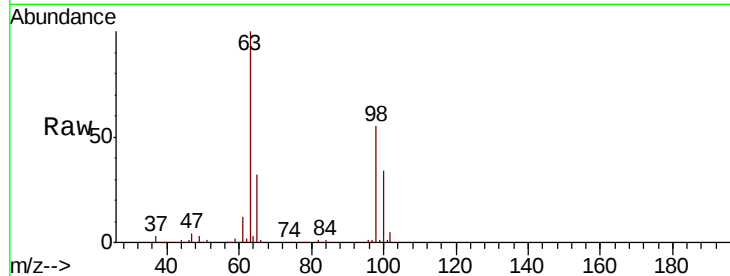
Tot Ion:101 Resp: 3137

Ion Ratio Lower Upper

101 100

85 1.2 35.0 52.4#

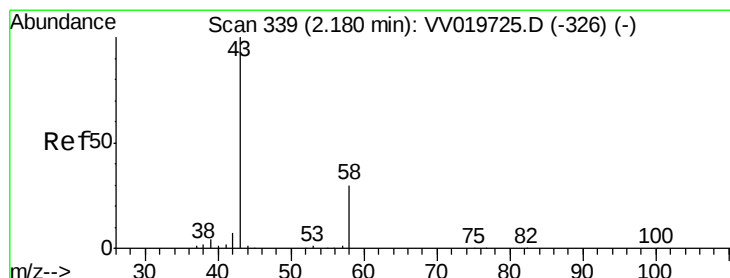
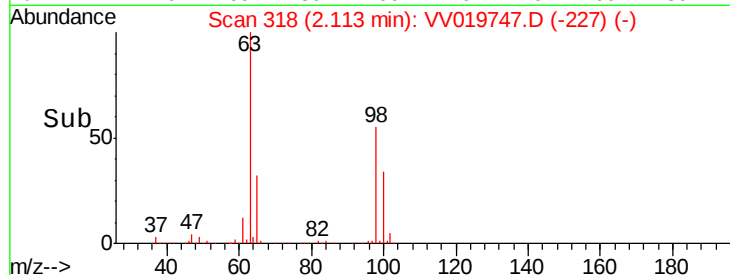
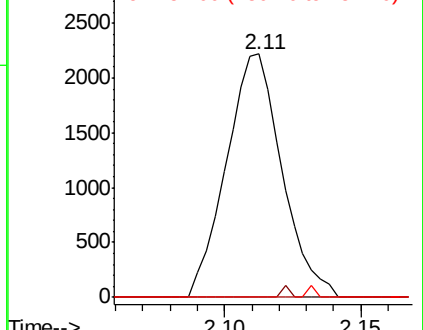
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.025 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV019747.D

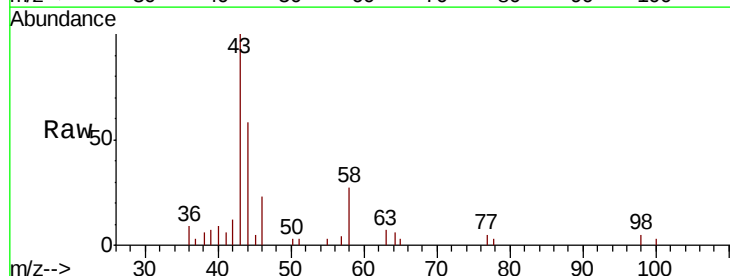
Acq: 19 Dec 2020 19:00

Tgt Ion: 43 Resp: 9373

Ion Ratio Lower Upper

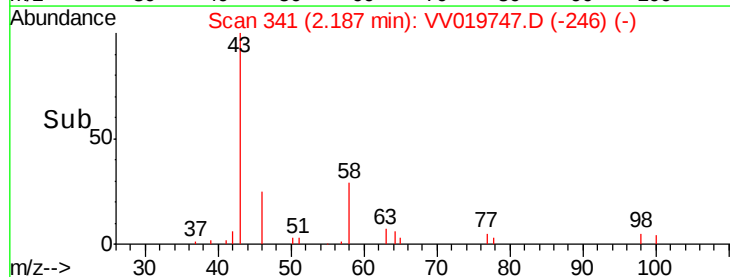
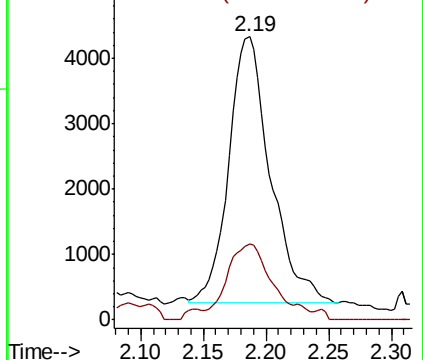
43 100

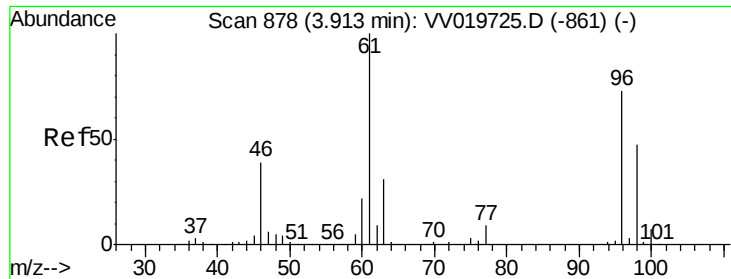
58 24.0 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

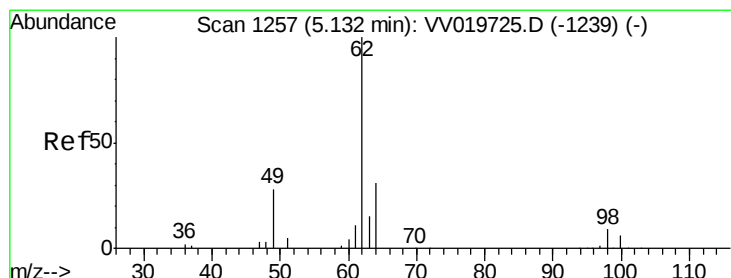
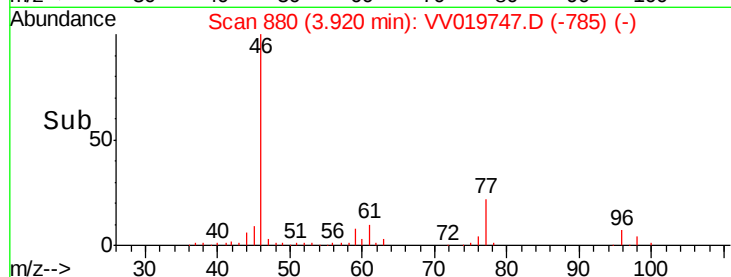
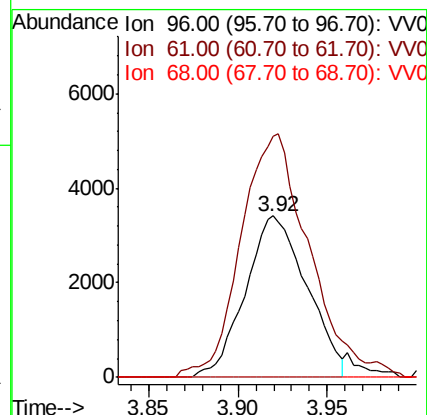
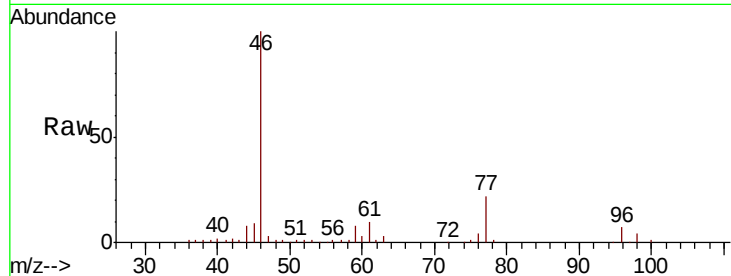




#20
 cis-1,2-Dichloroethene
 Concen: 1.634 ug/L
 RT: 3.92 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VV019747.D
 Acq: 19 Dec 2020 19:00

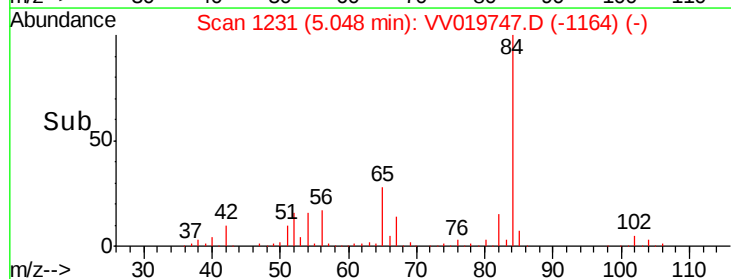
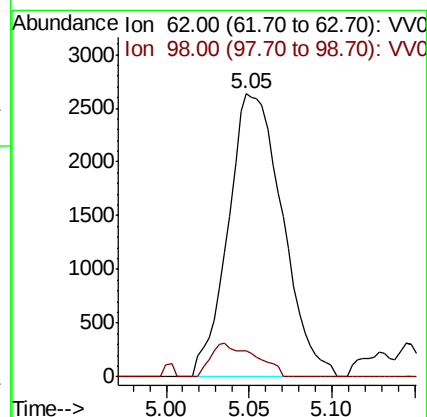
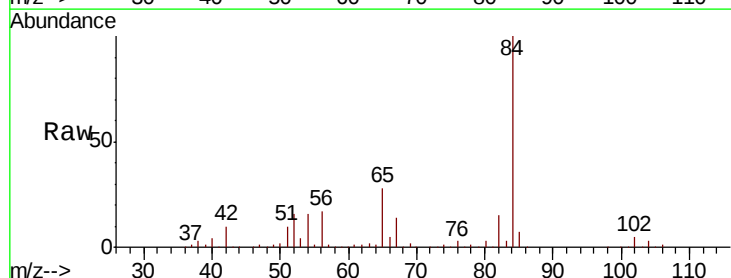
Instrument :
 MSVOA_V
 ClientSampleId :
 F4H02

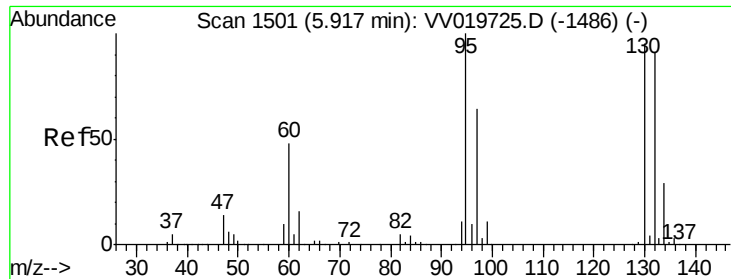
Tot Ion: 96 Resp: 8227
 Ion Ratio Lower Upper
 96 100
 61 149.5 94.1 174.8
 68 0.0 0.1 0.1#



#27
 1,2-Dichloroethane
 Concen: 0.815 ug/L
 RT: 5.05 min Scan# 1231
 Delta R.T. -0.08 min
 Lab File: VV019747.D
 Acq: 19 Dec 2020 19:00

Tgt Ion: 62 Resp: 5990
 Ion Ratio Lower Upper
 62 100
 98 9.1 7.4 11.0





#34

Trichloroethene

Concen: 12.614 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019747.D

Acq: 19 Dec 2020 19:00

Instrument :

MSVOA_V

ClientSampleId :

F4H02

Tot Ion: 95 Resp: 63252

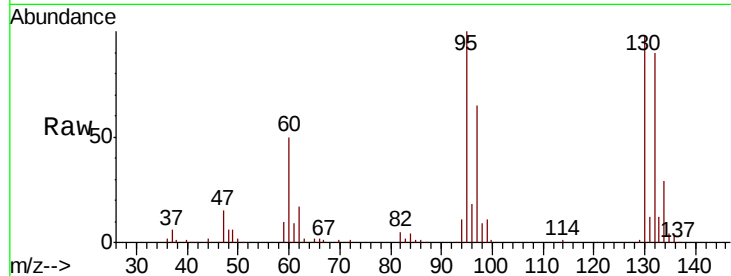
Ion Ratio Lower Upper

95 100

97 64.9 44.4 82.4

132 90.1 64.3 119.3

130 97.5 67.8 125.8

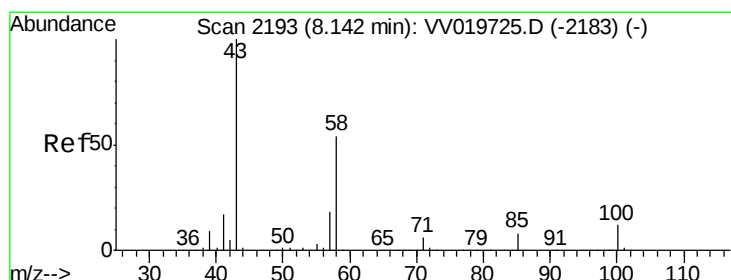
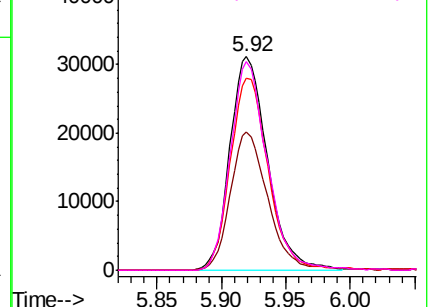
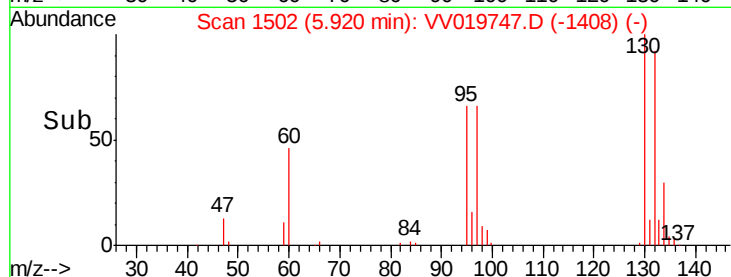


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.444 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019747.D

Acq: 19 Dec 2020 19:00

Tgt Ion: 43 Resp: 29546

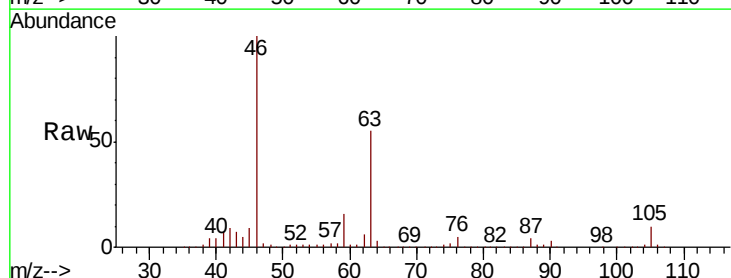
Ion Ratio Lower Upper

43 100

58 28.5 44.4 66.6#

57 23.3 15.7 23.5

100 0.6 9.9 14.9#

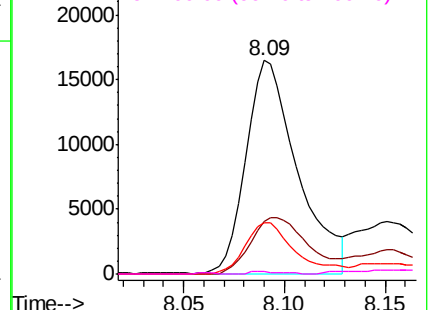
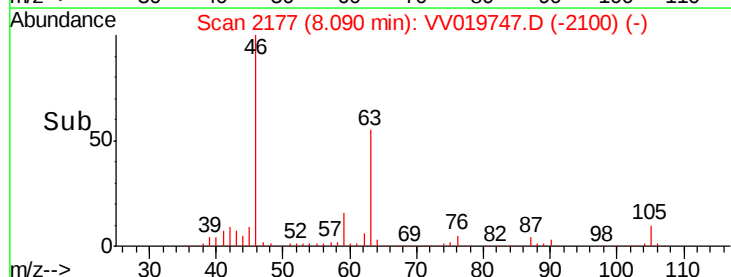


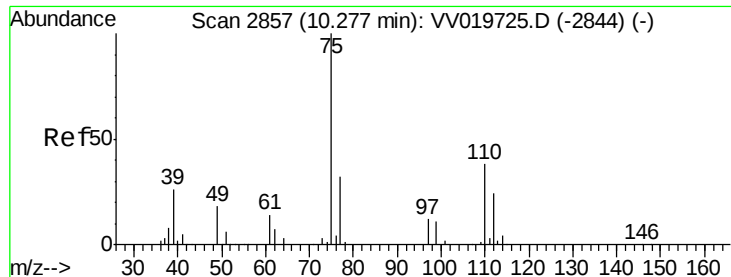
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 6.578 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019747.D

Acq: 19 Dec 2020 19:00

Instrument :

MSVOA_V

ClientSampleId :

F4H02

Tot Ion: 75 Resp: 40560

Ion Ratio Lower Upper

75 100

77 38.4 25.8 38.8

