

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018501.D
 Acq On : 28 Sep 2020 18:20
 Operator : SY/MD
 Sample : L4117-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB4

Quant Time: Sep 29 00:53:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	331946	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160031	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93045	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.78%
7) Chloroethane-d5	1.58	69	83128	37.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.10%
11) 1,1-Dichloroethene-d2	2.12	63	136970	27.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.20%#
21) 2-Butanone-d5	3.92	46	159596	96.39	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.39%
24) Chloroform-d	4.38	84	193010	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.24%
26) 1,2-Dichloroethane-d4	5.06	65	126595	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.16%
32) Benzene-d6	5.08	84	388632	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.26%
36) 1,2-Dichloropropane-d6	6.09	67	129241	44.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.20%
41) Toluene-d8	7.34	98	348543	41.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.92%
43) trans-1,3-Dichloropropene-	7.64	79	62357	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.74%
47) 2-Hexanone-d5	8.11	63	94668	85.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	163489	44.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	151628	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%

Target Compounds

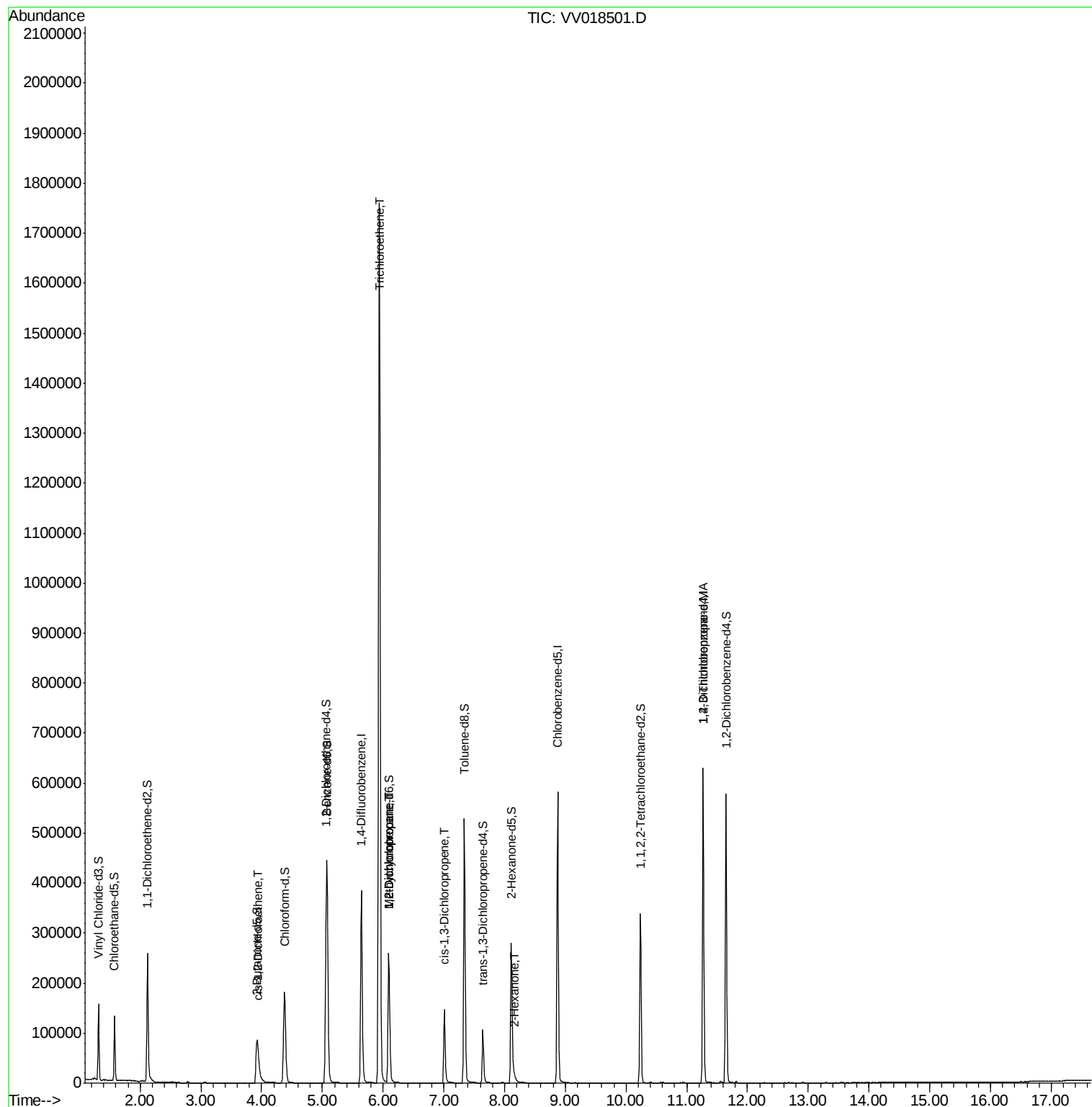
					Ovalue
20) cis-1,2-Dichloroethene	3.95	96	3904	1.626	ug/L 88
34) Trichloroethene	5.94	95	618094	246.305	ug/L 99
35) Methylcyclohexane	6.09	83	30690	8.122	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	13741	5.629	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	3348	0.890	ug/L # 57
48) 2-Hexanone	8.16	43	7417	3.177	ug/L # 72
59) 1,2,3-Trichloropropane	11.27	75	17844	6.215	ug/L 93

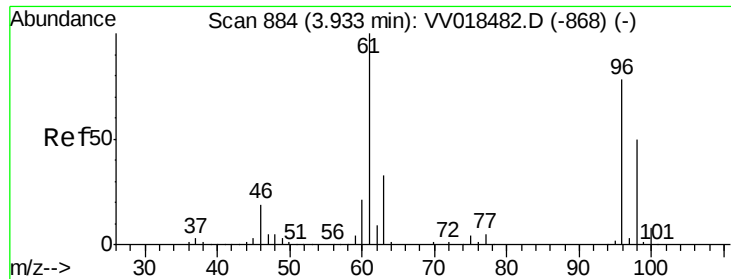
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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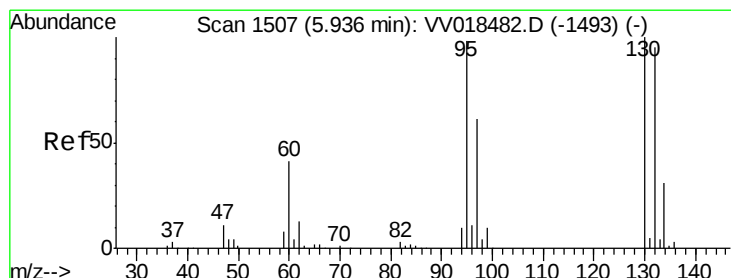
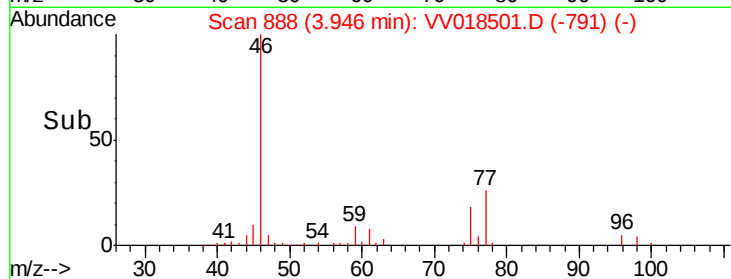
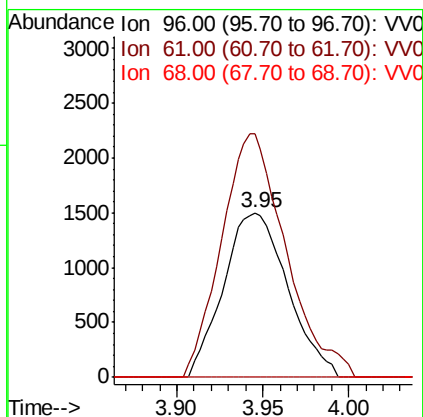
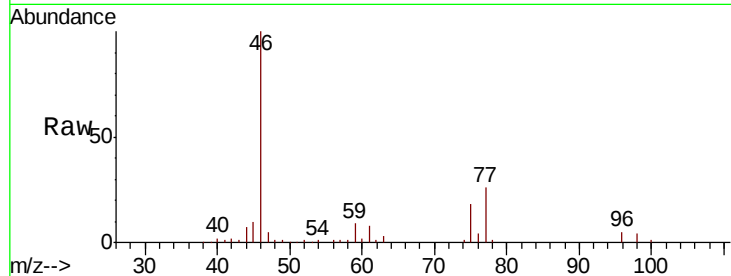




#20
 cis-1,2-Dichloroethene
 Concen: 1.626 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV018501.D
 Acq: 28 Sep 2020 18:20

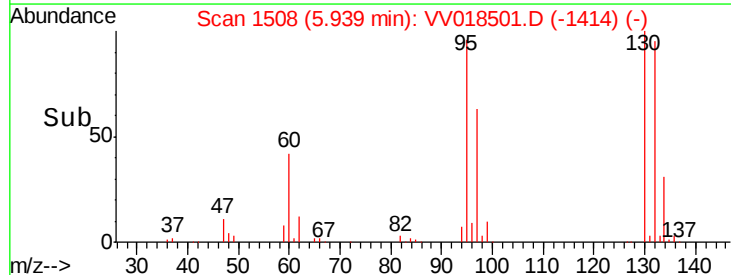
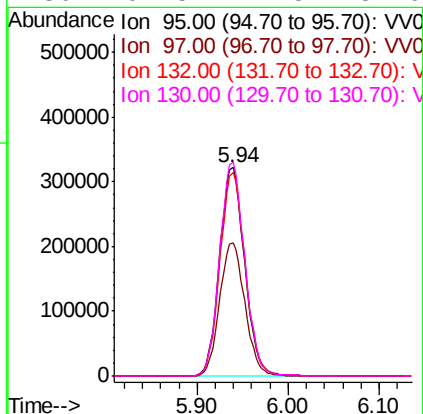
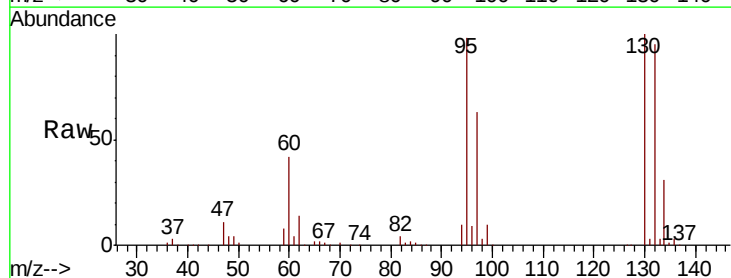
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB4

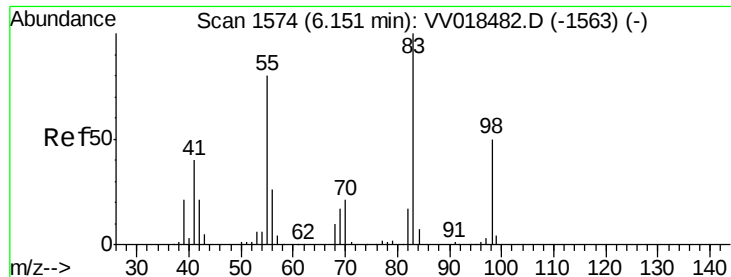
Tot Ion: 96 Resp: 3904
 Ion Ratio Lower Upper
 96 100
 61 147.6 93.6 173.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 246.305 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018501.D
 Acq: 28 Sep 2020 18:20

Tgt Ion: 95 Resp: 618094
 Ion Ratio Lower Upper
 95 100
 97 64.2 46.3 85.9
 132 97.9 68.1 126.5
 130 102.5 71.5 132.9





#35

Methylcyclohexane

Concen: 8.122 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018501.D

Acq: 28 Sep 2020 18:20

Instrument :

MSVOA_V

ClientSampleId :

E0AB4

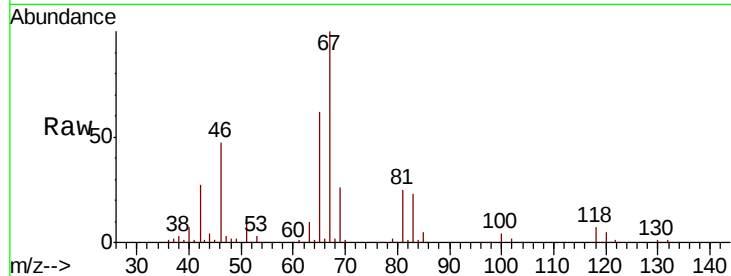
Tot Ion: 83 Resp: 30690

Ion Ratio Lower Upper

83 100

55 0.1 63.4 95.2#

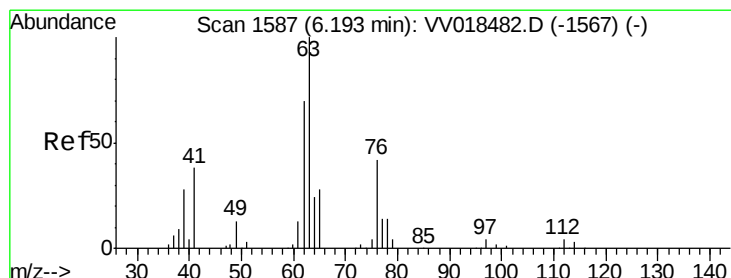
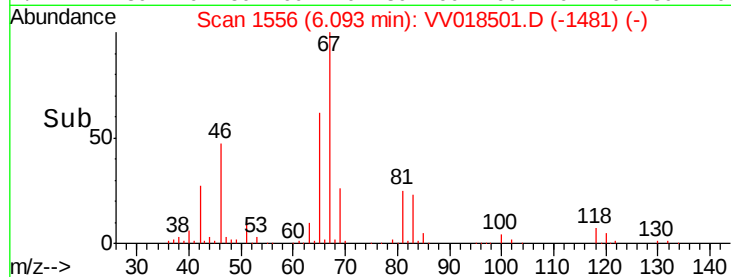
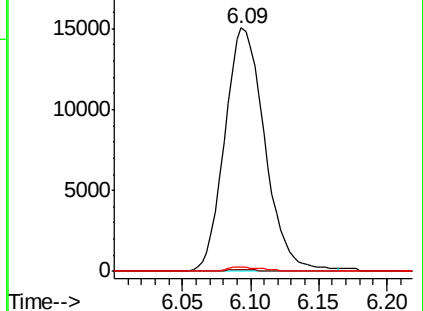
98 1.6 38.8 58.2#



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



#37

1,2-Dichloropropane

Concen: 5.629 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018501.D

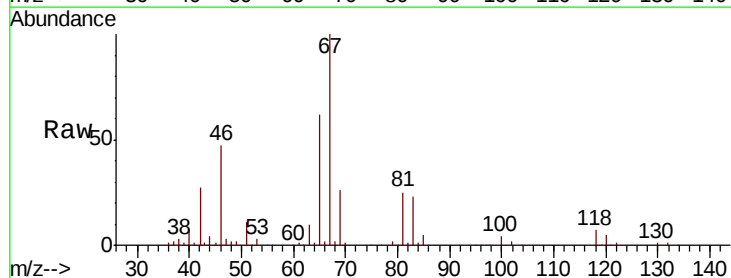
Acq: 28 Sep 2020 18:20

Tgt Ion: 63 Resp: 13741

Ion Ratio Lower Upper

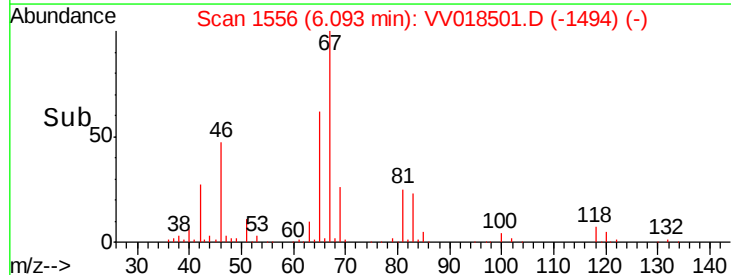
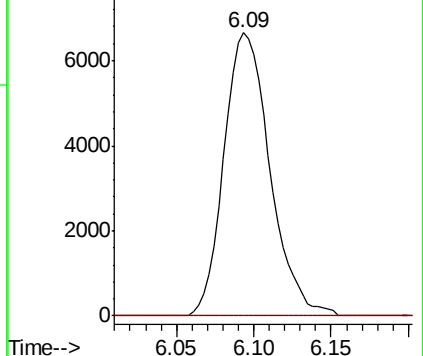
63 100

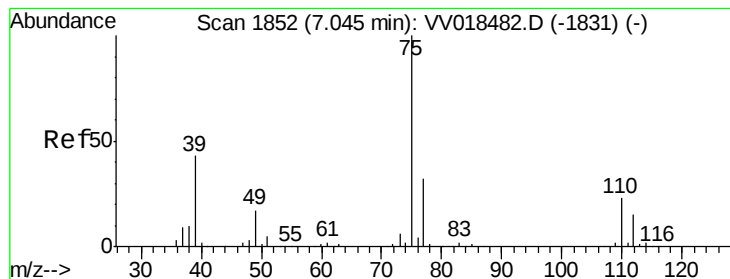
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.890 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018501.D

Acq: 28 Sep 2020 18:20

Instrument :

MSVOA_V

ClientSampleId :

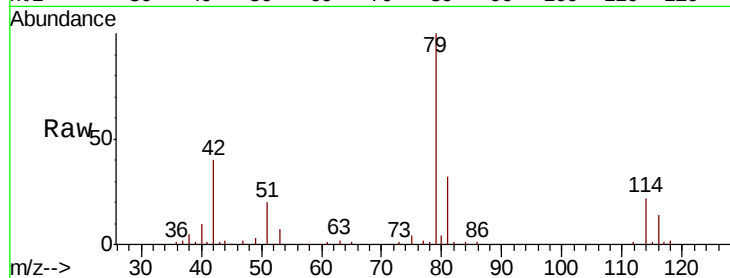
E0AB4

Tot Ion: 75 Resp: 3348

Ion Ratio Lower Upper

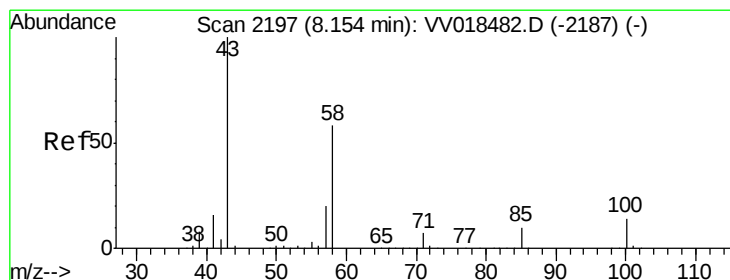
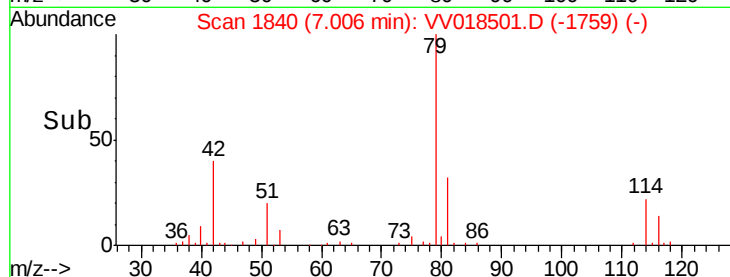
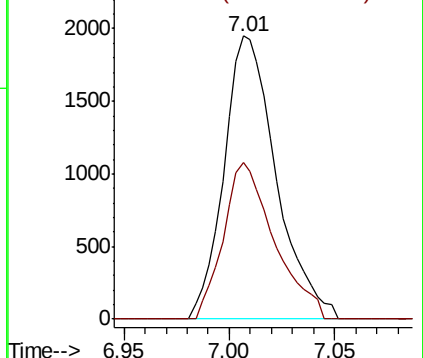
75 100

77 55.6 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 3.177 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018501.D

Acq: 28 Sep 2020 18:20

Tgt Ion: 43 Resp: 7417

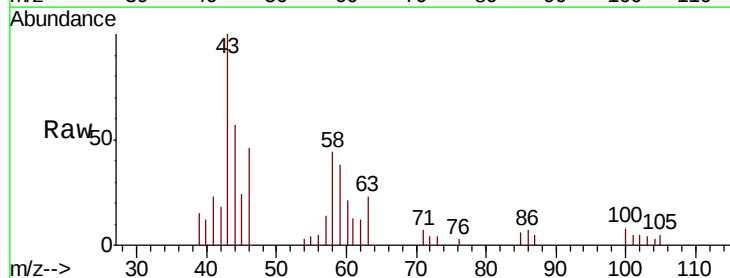
Ion Ratio Lower Upper

43 100

58 37.6 44.8 67.2#

57 2.2 15.8 23.6#

100 2.6 10.2 15.4#

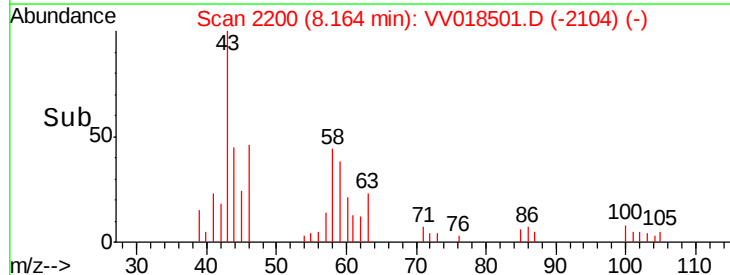
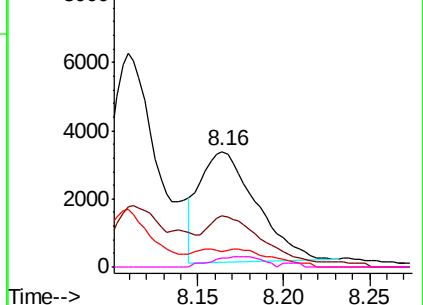


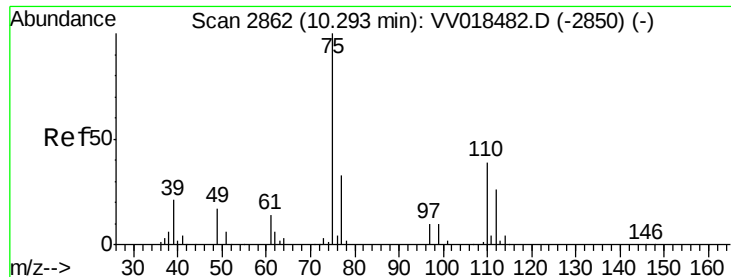
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.215 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018501.D

Acq: 28 Sep 2020 18:20

Instrument :

MSVOA_V

ClientSampleId :

E0AB4

Tot Ion: 75 Resp: 17844

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.6

