

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018236.D
 Acq On : 16 Sep 2020 14:40
 Operator : SY/MD
 Sample : L4012-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:39:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	295657	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292696	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103179	42.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.64%
7) Chloroethane-d5	1.58	69	85142	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.36%
11) 1,1-Dichloroethene-d2	2.12	63	149072	33.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.46%
21) 2-Butanone-d5	3.92	46	121557	82.42	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.42%
24) Chloroform-d	4.38	84	177830	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	5.06	65	118399	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
32) Benzene-d6	5.08	84	365565	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
36) 1,2-Dichloropropane-d6	6.09	67	115864	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.04%
41) Toluene-d8	7.34	98	328647	43.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.08%
43) trans-1,3-Dichloropropene-	7.64	79	56583	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.64%
47) 2-Hexanone-d5	8.11	63	89111	88.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	146210	43.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	136950	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

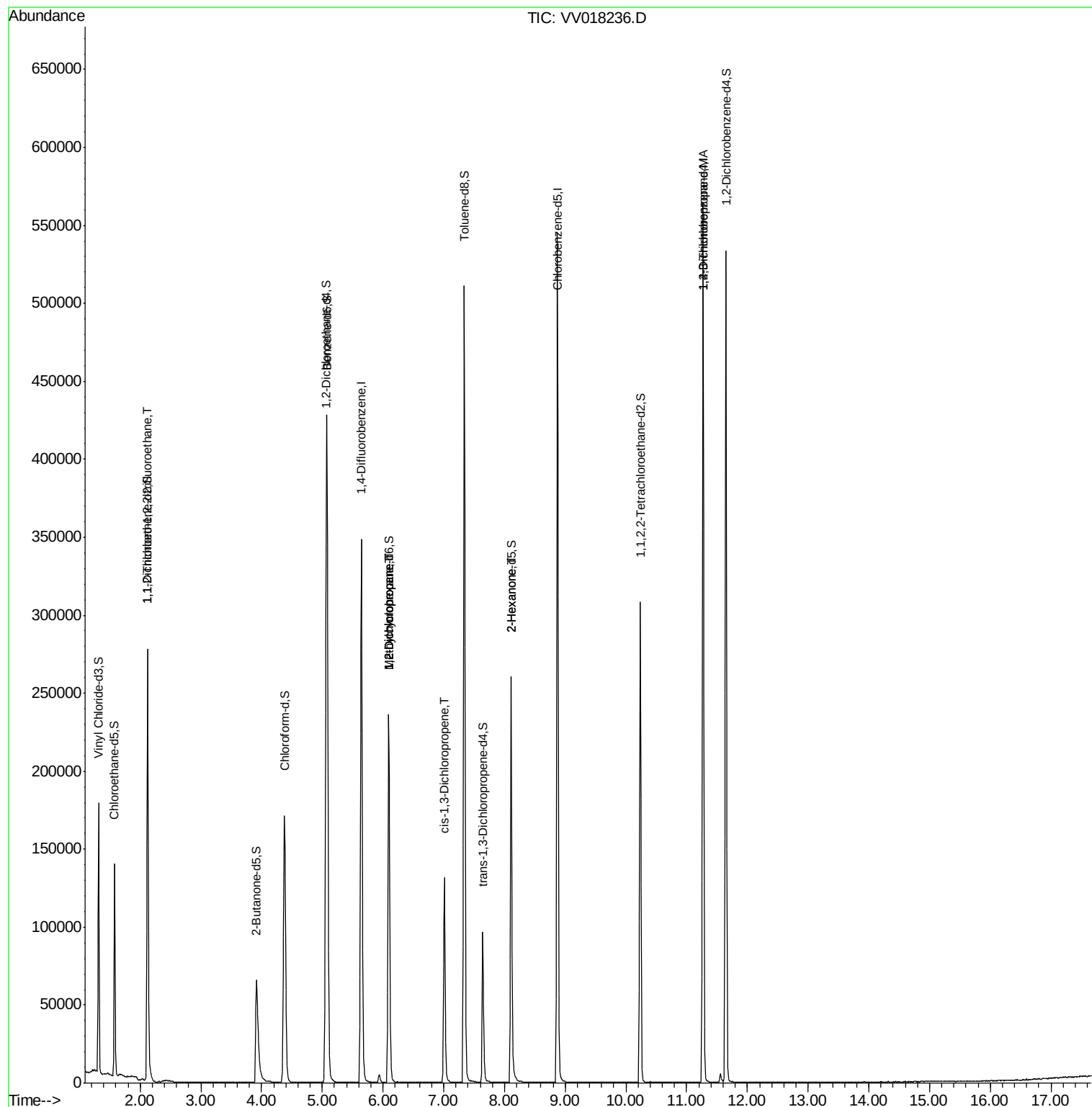
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1356	0.680 ug/L #	19
35) Methylcyclohexane	6.10	83	27845	8.112 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	12933	5.832 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3320	0.972 ug/L #	77
48) 2-Hexanone	8.11	43	10470	4.936 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	16075	6.163 ug/L	91

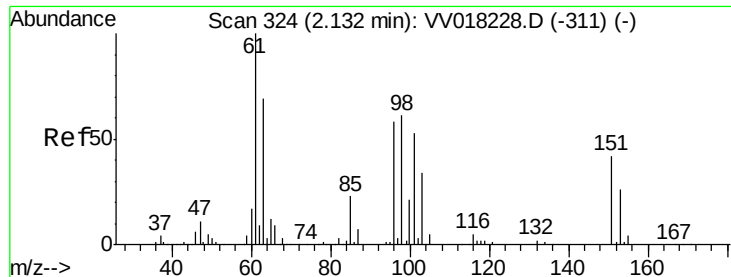
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 17 04:38:07 2020
Response via : Initial Calibration





#10

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

Concen: 0.680 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018236.D

Acq: 16 Sep 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

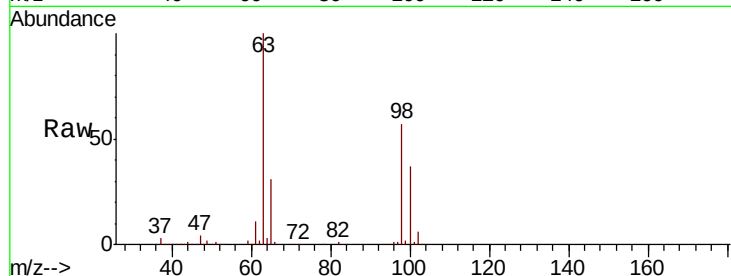
Tot Ion:101 Resp: 1356

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

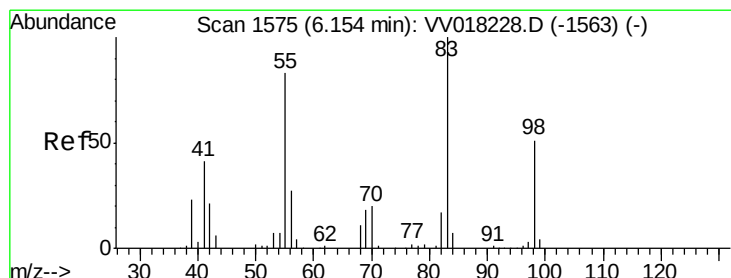
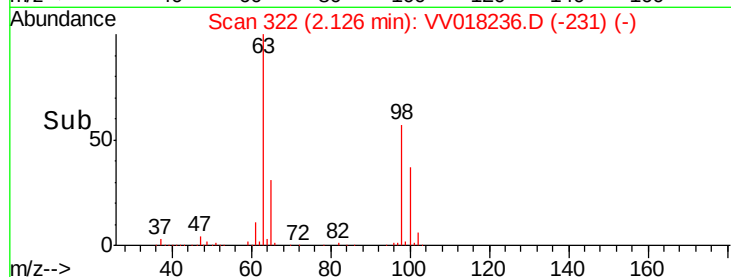
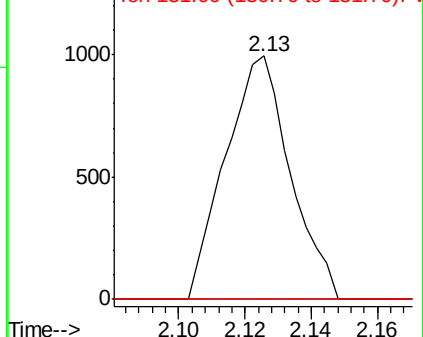
151 0.0 62.2 93.2#



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



#35

Methylcyclohexane

Concen: 8.112 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018236.D

Acq: 16 Sep 2020 14:40

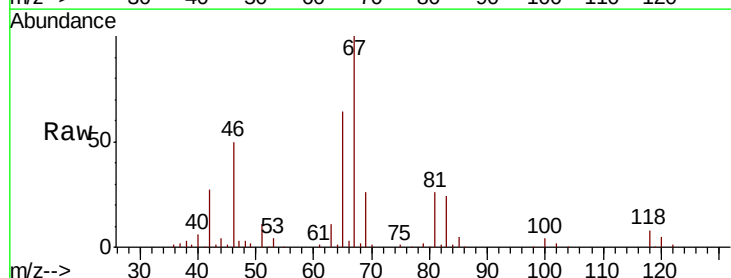
Tgt Ion: 83 Resp: 27845

Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

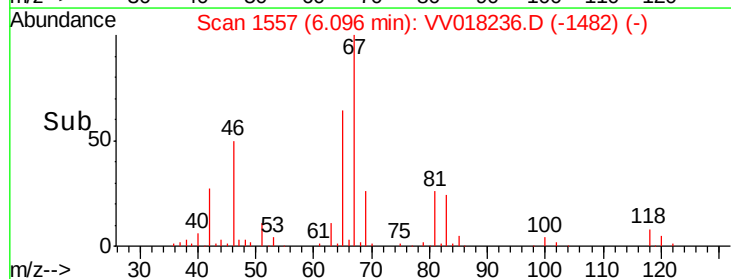
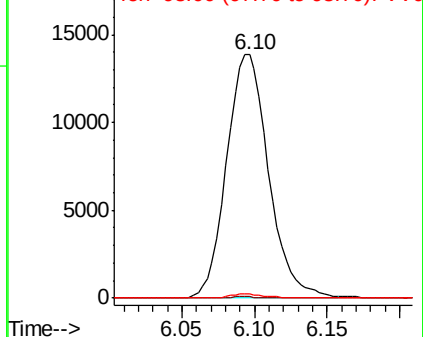
98 1.2 38.8 58.2#

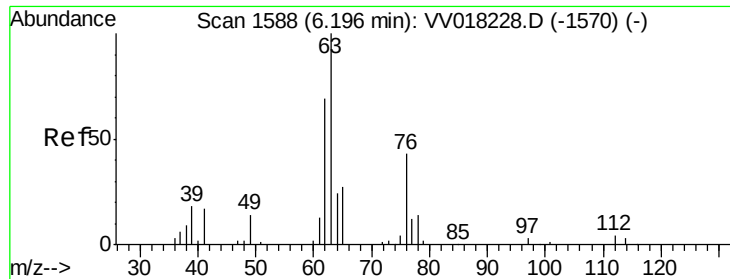


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

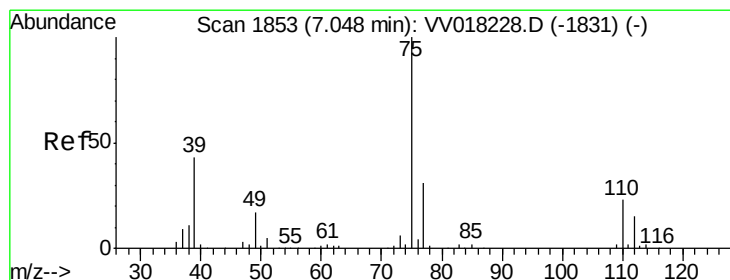
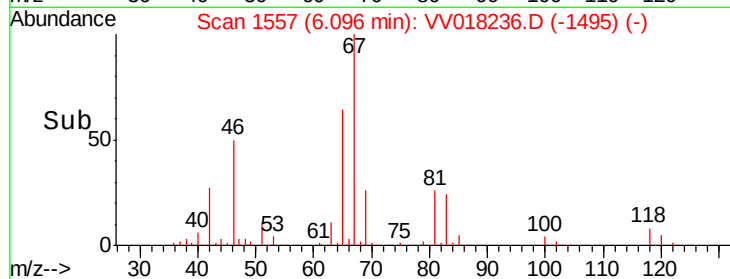
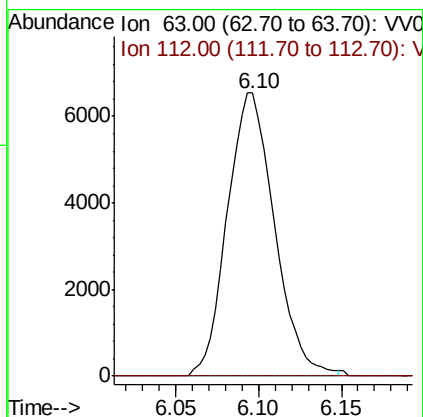
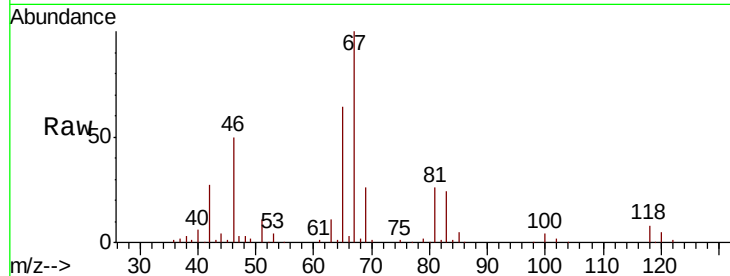




#37
 1,2-Dichloropropane
 Concen: 5.832 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018236.D
 Acq: 16 Sep 2020 14:40

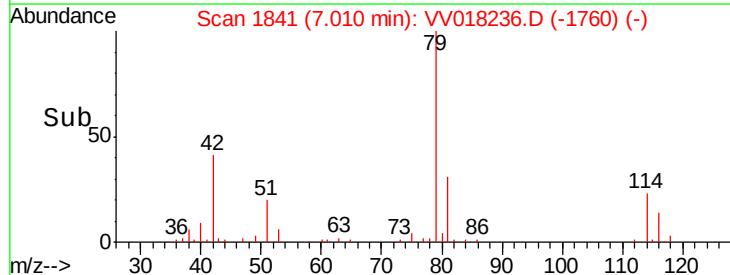
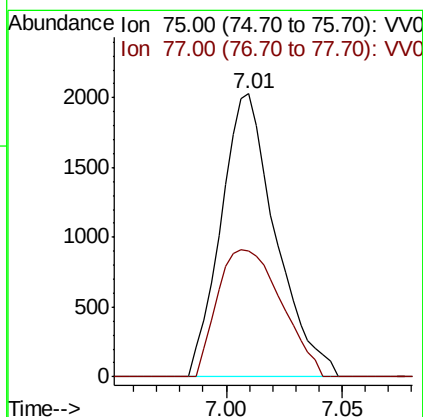
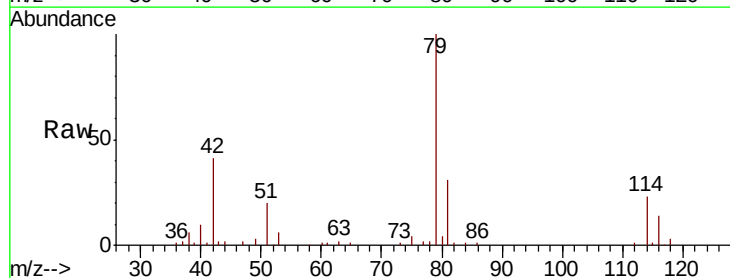
Instrument :
 MSVOA_V
 ClientSampled :

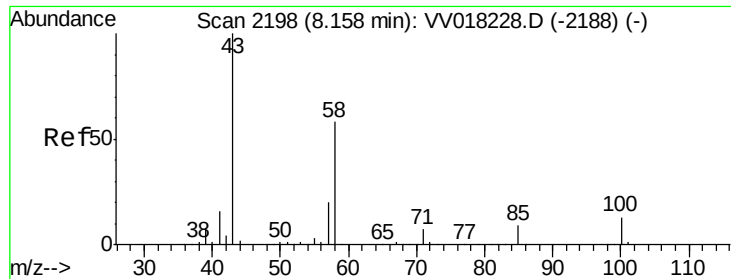
Tot Ion: 63 Resp: 12933
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.972 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018236.D
 Acq: 16 Sep 2020 14:40

Tgt Ion: 75 Resp: 3320
 Ion Ratio Lower Upper
 75 100
 77 44.6 22.3 41.3#

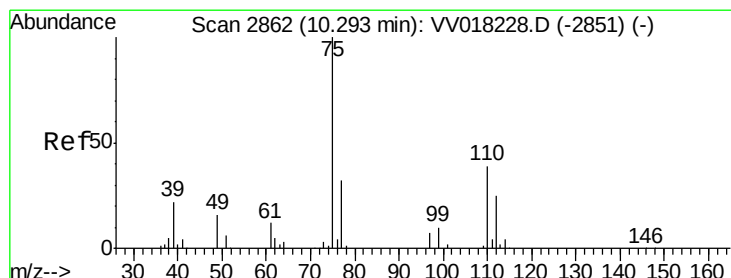
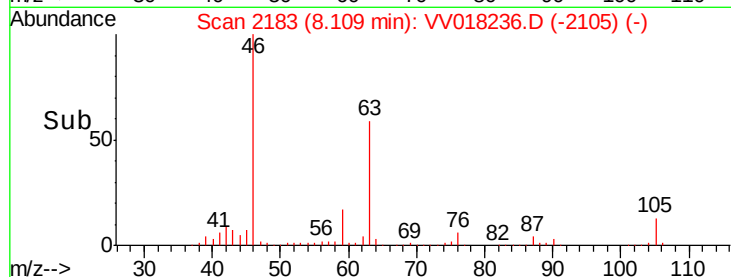
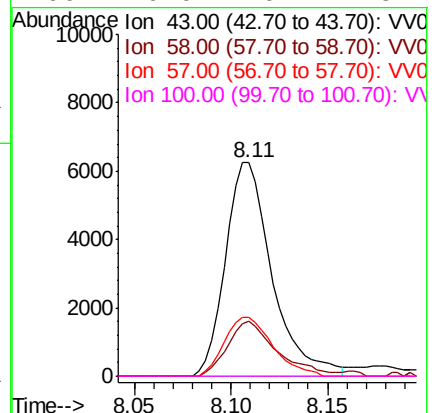
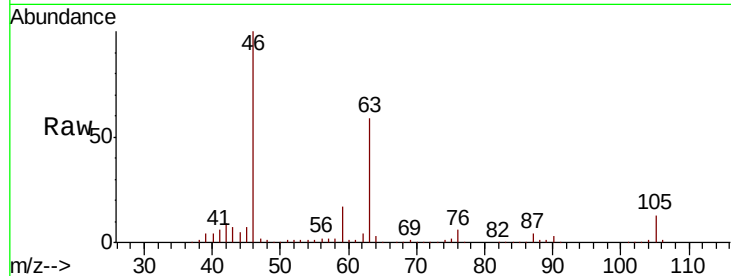




#48
 2-Hexanone
 Concen: 4.936 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018236.D
 Acq: 16 Sep 2020 14:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 10470
 Ion Ratio Lower Upper
 43 100
 58 27.1 44.8 67.2#
 57 28.5 15.8 23.6#
 100 0.0 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.163 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018236.D
 Acq: 16 Sep 2020 14:40

Tgt Ion: 75 Resp: 16075
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.8 38.6

