

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018419.D
 Acq On : 24 Sep 2020 11:24
 Operator : SY/MD
 Sample : VV0924WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 25 04:44:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	312472	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	305631	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113972	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.52%
7) Chloroethane-d5	1.58	69	91596	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.92%
11) 1,1-Dichloroethene-d2	2.12	63	160279	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	3.92	46	127113	81.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.55%
24) Chloroform-d	4.38	84	186212	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.30%
26) 1,2-Dichloroethane-d4	5.06	65	122592	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
32) Benzene-d6	5.08	84	387720	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
36) 1,2-Dichloropropane-d6	6.09	67	121576	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.46%
41) Toluene-d8	7.34	98	349166	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%
43) trans-1,3-Dichloropropene-	7.64	79	59869	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.76%
47) 2-Hexanone-d5	8.11	63	78928	74.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.95%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140456	40.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	144985	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%

Target Compounds

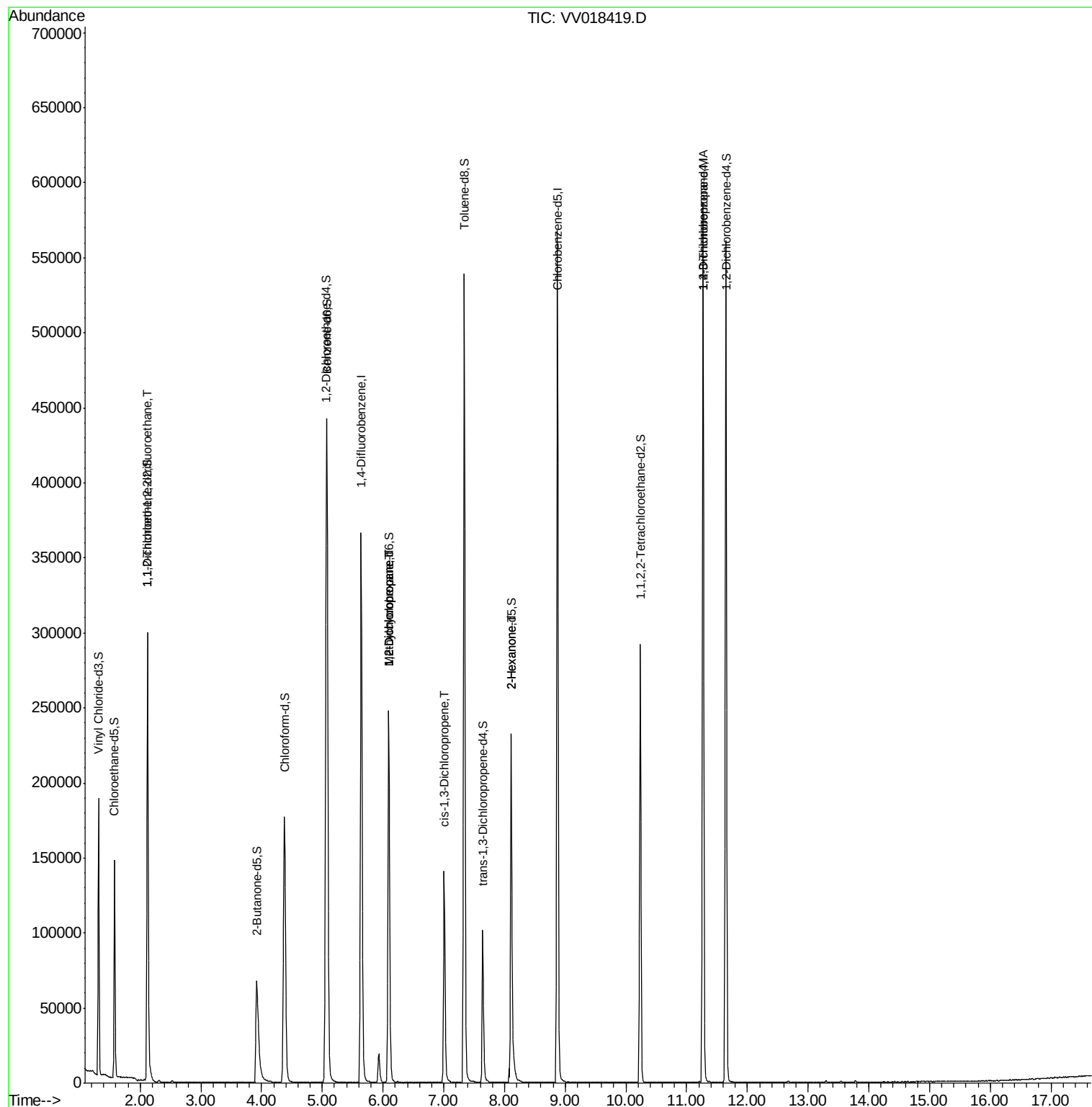
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1578	0.748 ug/L #	23
35) Methylcyclohexane	6.09	83	29337	8.185 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12915	5.577 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3323	0.931 ug/L #	46
48) 2-Hexanone	8.11	43	10166	4.590 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	17238	6.329 ug/L	91

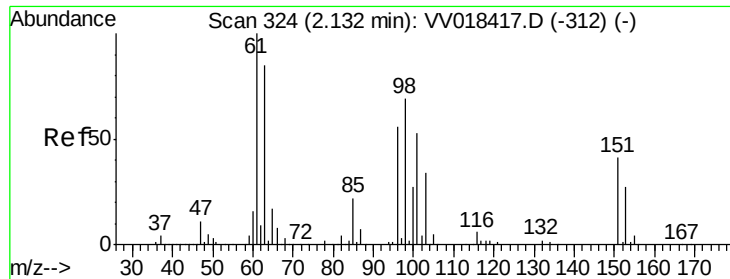
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 25 04:36:20 2020
Response via : Initial Calibration





#10

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

Concen: 0.748 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018419.D

Acq: 24 Sep 2020 11:24

Instrument :

MSVOA_V

ClientSampled :

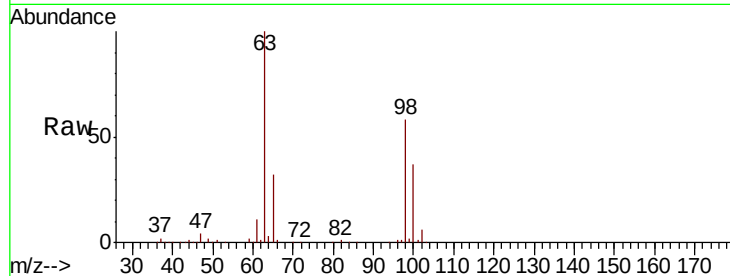
Tot Ion:101 Resp: 1578

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

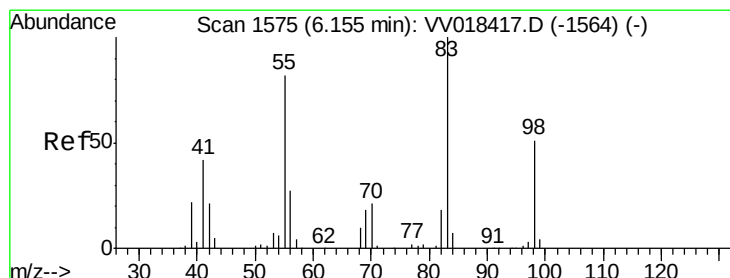
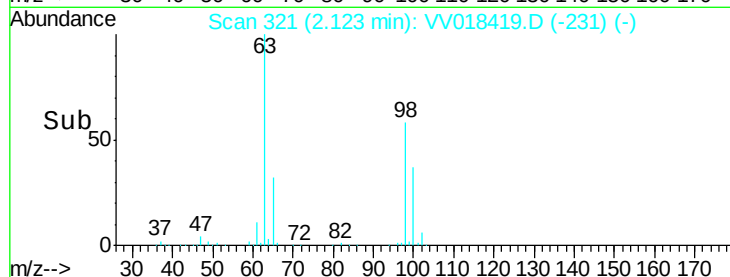
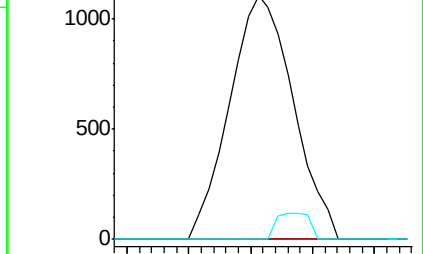
151 5.5 62.2 93.2#



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: 8.185 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018419.D

Acq: 24 Sep 2020 11:24

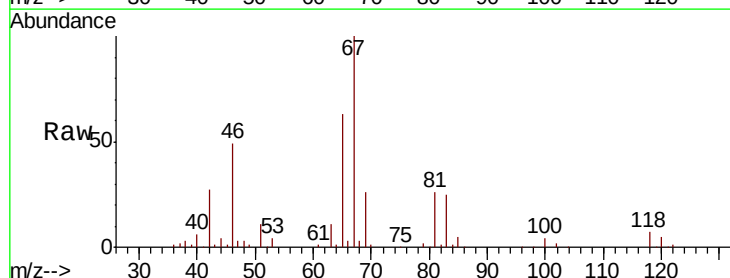
Tgt Ion: 83 Resp: 29337

Ion Ratio Lower Upper

83 100

55 0.1 63.4 95.2#

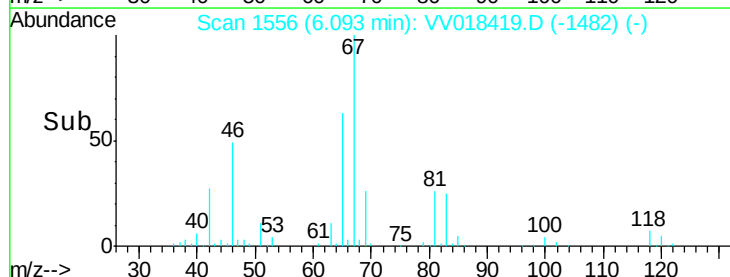
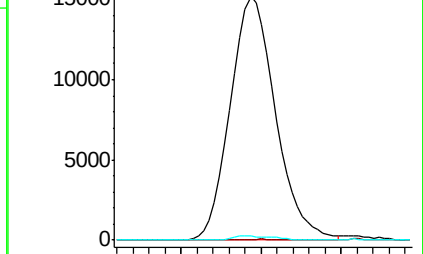
98 1.4 38.8 58.2#

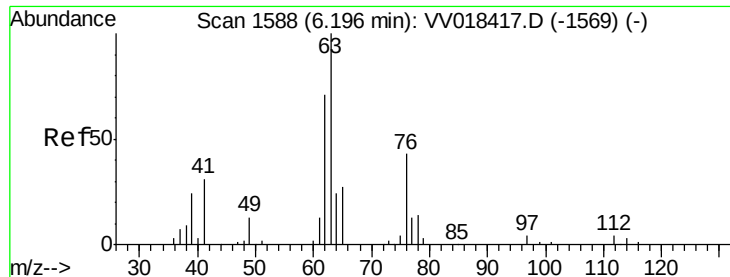


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

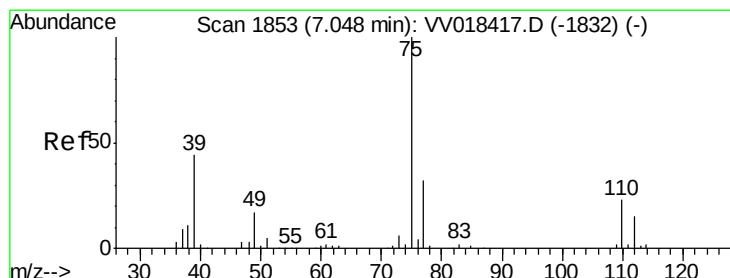
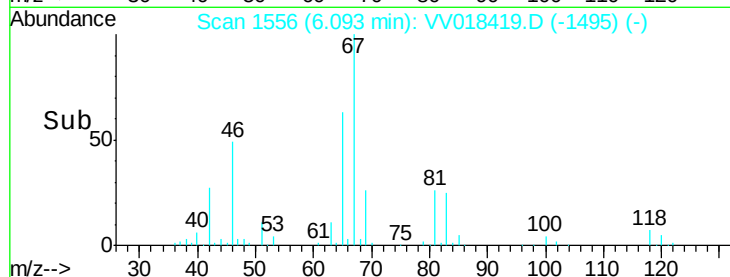
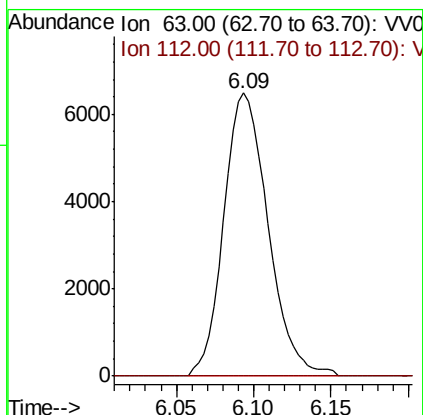
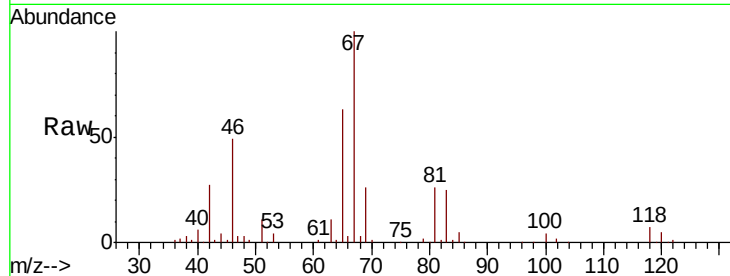




#37
 1,2-Dichloropropane
 Concen: 5.577 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018419.D
 Acq: 24 Sep 2020 11:24

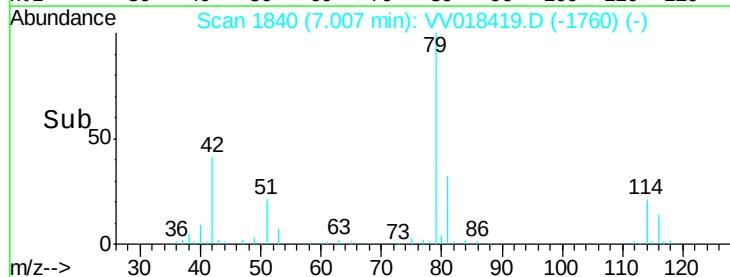
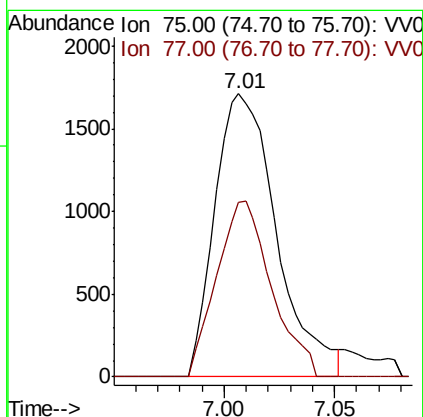
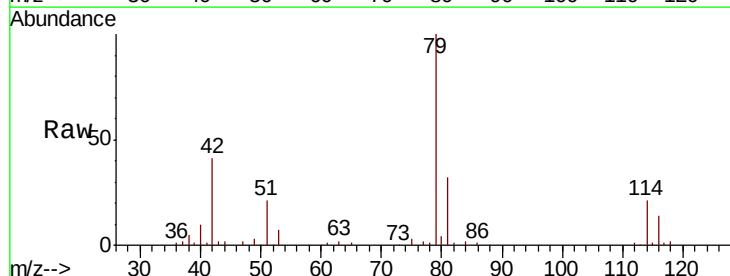
Instrument :
 MSVOA_V
 ClientSampleId :

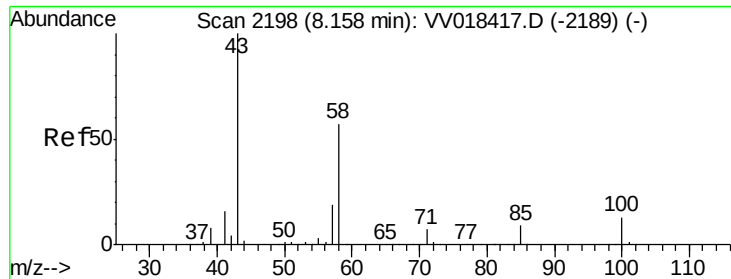
Tot Ion: 63 Resp: 12915
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.931 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018419.D
 Acq: 24 Sep 2020 11:24

Tgt Ion: 75 Resp: 3323
 Ion Ratio Lower Upper
 75 100
 77 61.7 22.3 41.3#

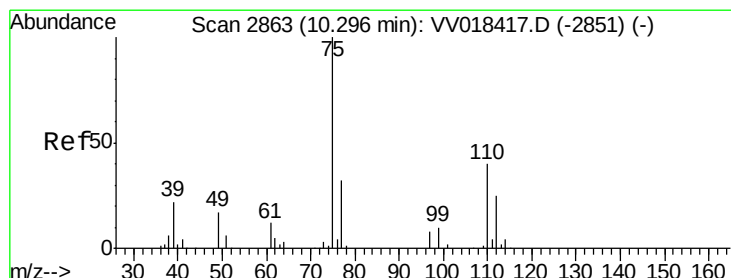
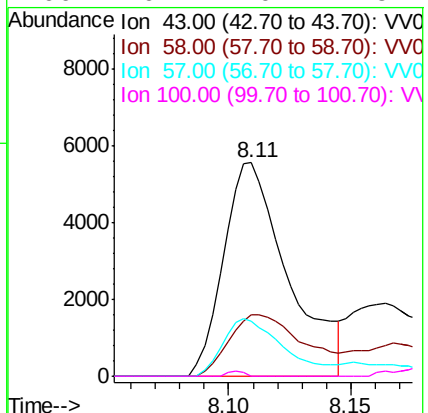
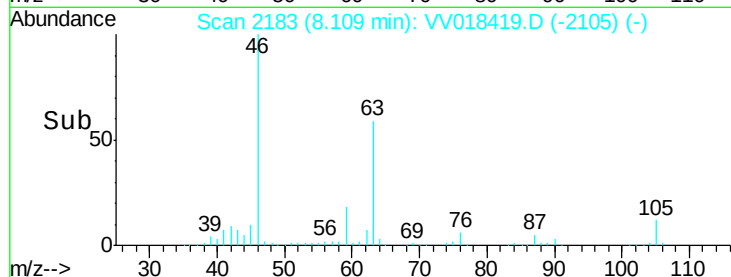
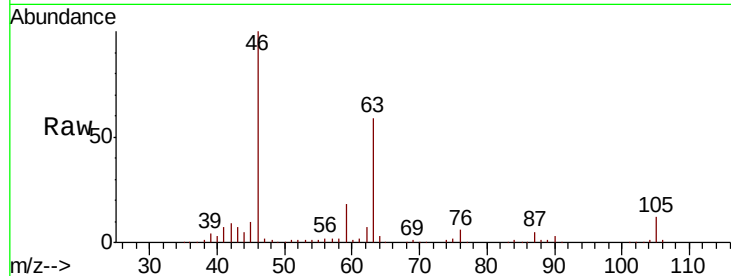




#48
2-Hexanone
Concen: 4.590 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV018419.D
Acq: 24 Sep 2020 11:24

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 10166
Ion Ratio Lower Upper
43 100
58 33.5 44.8 67.2#
57 24.6 15.8 23.6#
100 0.7 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.329 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018419.D
Acq: 24 Sep 2020 11:24

Tgt Ion: 75 Resp: 17238
Ion Ratio Lower Upper
75 100
77 37.4 25.8 38.6

