

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019671.D
 Acq On : 16 Dec 2020 13:48
 Operator : SY/MD
 Sample : L5098-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 00:31:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	584466	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	545692	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	243725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	206409	49.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.50%
7) Chloroethane-d5	1.57	69	167754	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.50%
11) 1,1-Dichloroethene-d2	2.11	63	292696	37.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.26%
21) 2-Butanone-d5	3.89	46	292623	128.46	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.46%
24) Chloroform-d	4.35	84	374094	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
26) 1,2-Dichloroethane-d4	5.04	65	258592	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.78%
32) Benzene-d6	5.05	84	752935	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
36) 1,2-Dichloropropane-d6	6.07	67	238471	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.62%
41) Toluene-d8	7.32	98	662562	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%
43) trans-1,3-Dichloropropene-	7.62	79	111050	42.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.64%
47) 2-Hexanone-d5	8.09	63	196590	109.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.87%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	289380	46.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.86%
64) 1,2-Dichlorobenzene-d4	11.63	152	237944	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds

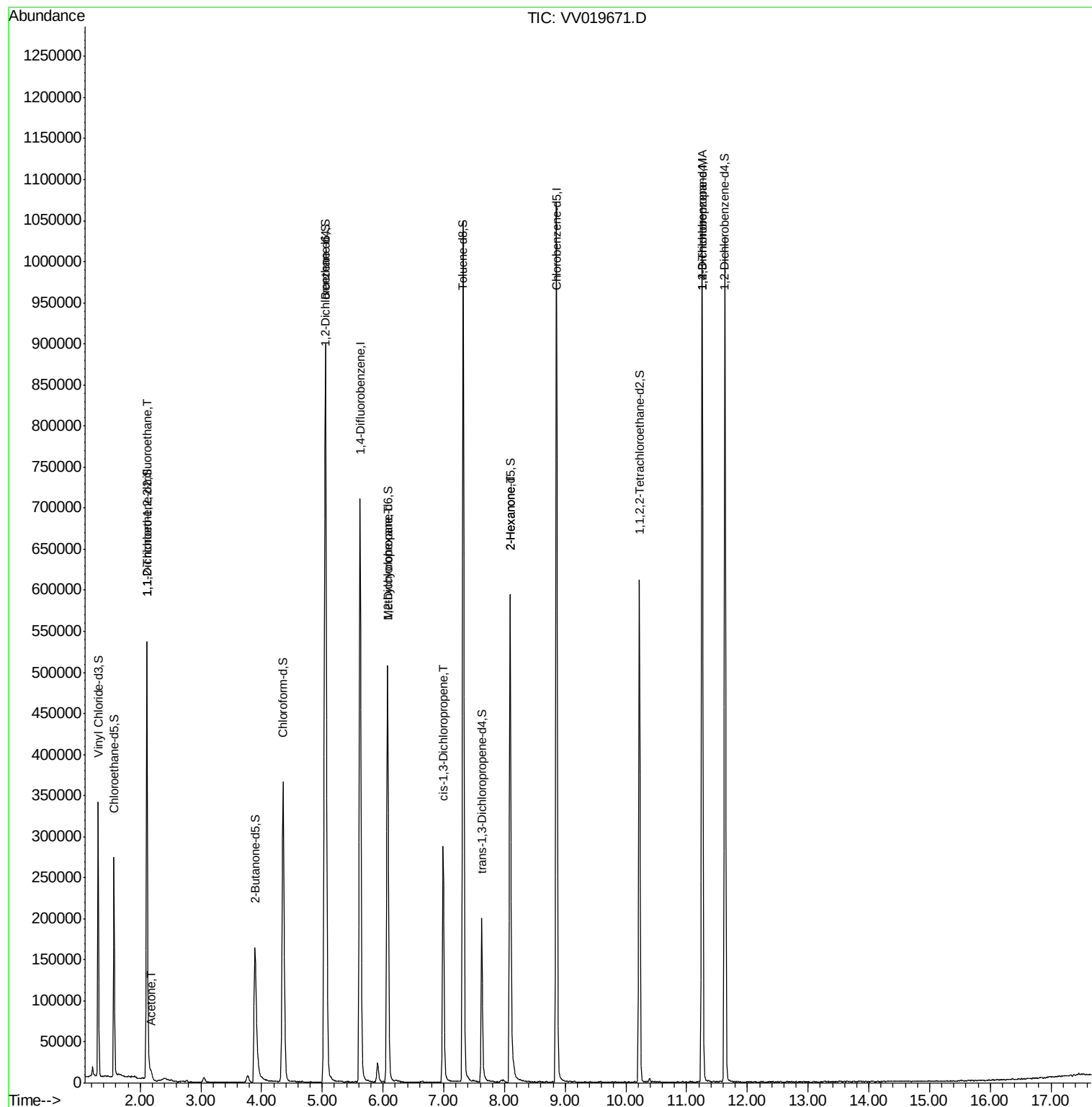
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2576	0.759 ug/L #	22
13) Acetone	2.18	43	12088	6.229 ug/L	94
35) Methylcyclohexane	6.07	83	57710	9.017 ug/L #	18
39) cis-1,3-Dichloropropene	6.99	75	6837	0.988 ug/L #	68
48) 2-Hexanone	8.09	43	26510	5.814 ug/L #	72
59) 1,2,3-Trichloropropane	11.25	75	33542	6.475 ug/L	90

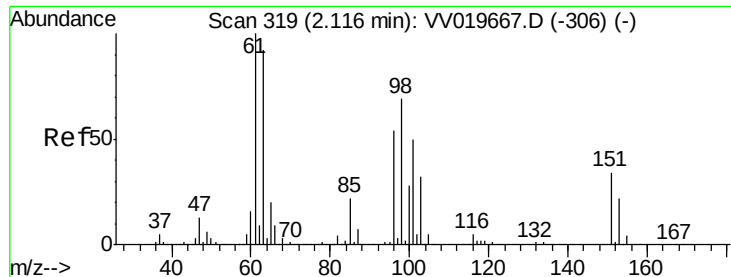
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 17 00:30:07 2020
Response via : Initial Calibration





#10

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

Concen: 0.759 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.00 min

Lab File: VV019671.D

Acq: 16 Dec 2020 13:48

Instrument :

MSVOA_V

ClientSampleId :

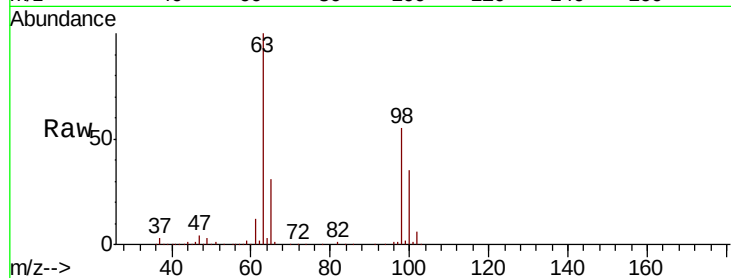
Tot Ion:101 Resp: 2576

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

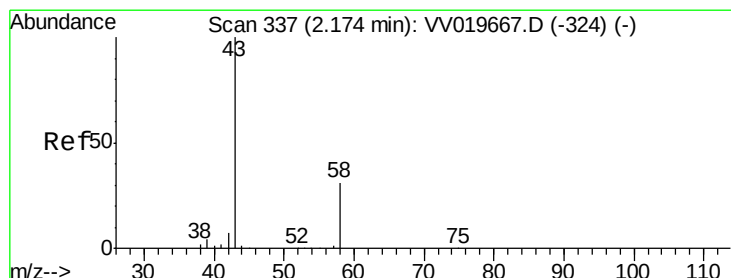
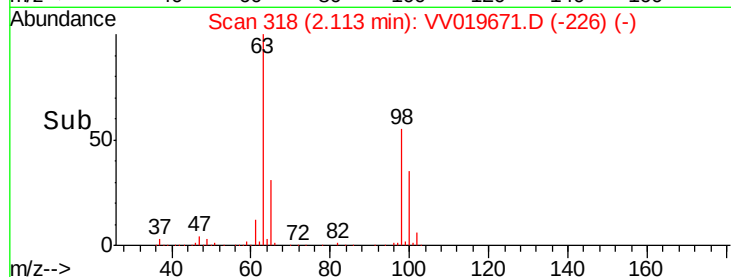
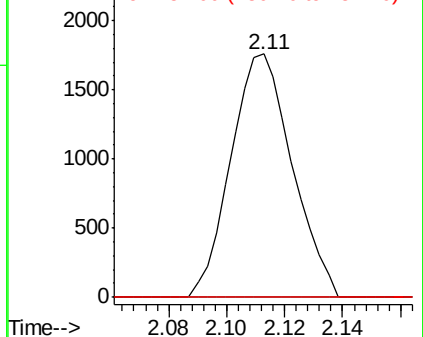
151 0.0 55.8 83.8#



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: 6.229 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.01 min

Lab File: VV019671.D

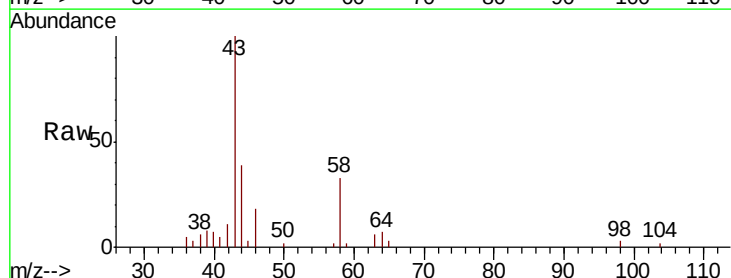
Acq: 16 Dec 2020 13:48

Tgt Ion: 43 Resp: 12088

Ion Ratio Lower Upper

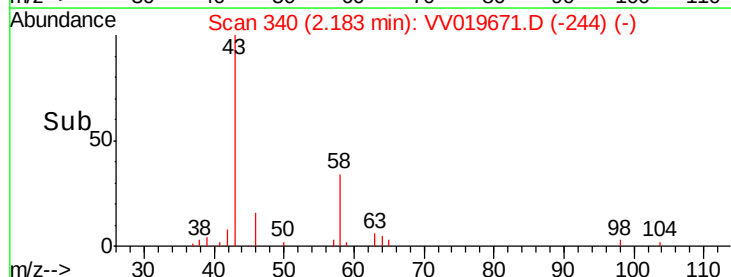
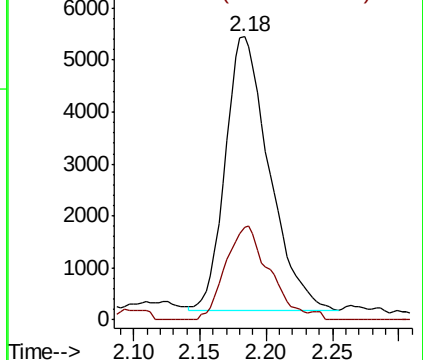
43 100

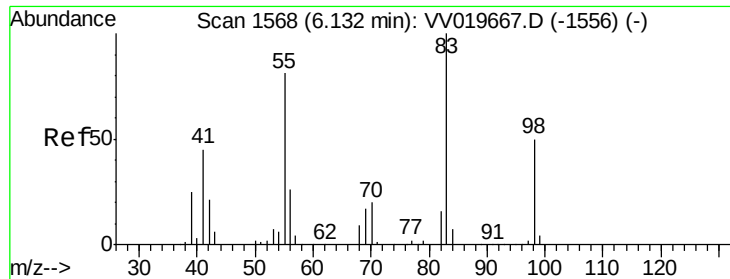
58 34.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

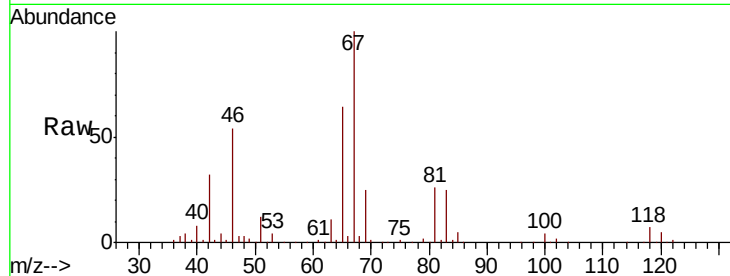




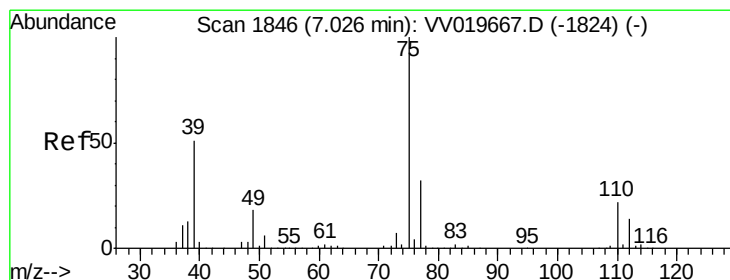
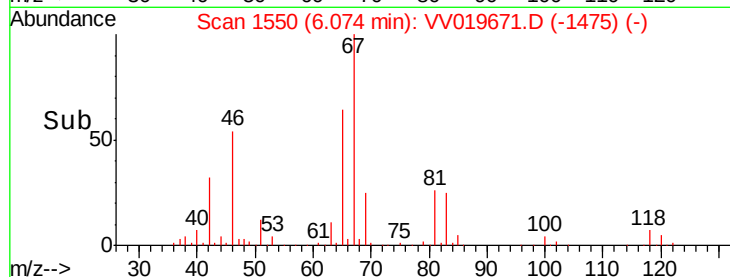
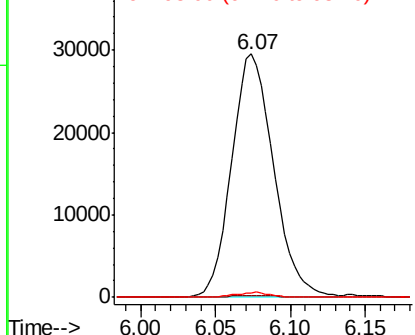
#35
Methylvlcyclohexane
Concen: 9.017 ug/L
RT: 6.07 min Scan# 1550
Delta R.T. -0.06 min
Lab File: VV019671.D
Acq: 16 Dec 2020 13:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 57710
Ion Ratio Lower Upper
83 100
55 0.6 64.2 96.4#
98 1.7 39.3 58.9#

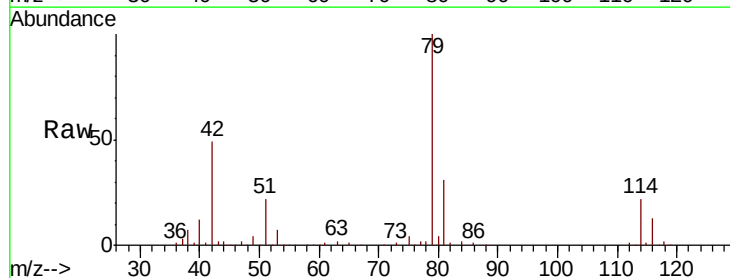


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

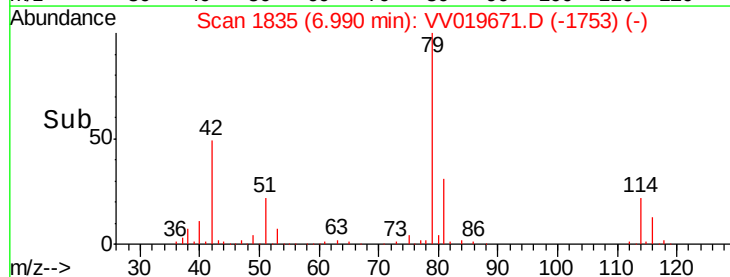
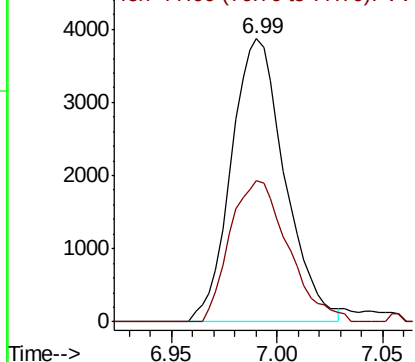


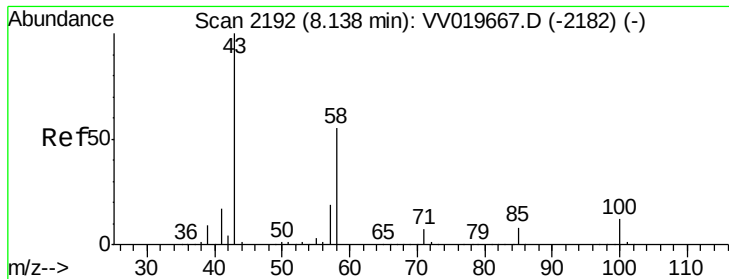
#39
cis-1,3-Dichloropropene
Concen: 0.988 ug/L
RT: 6.99 min Scan# 1835
Delta R.T. -0.04 min
Lab File: VV019671.D
Acq: 16 Dec 2020 13:48

Tgt Ion: 75 Resp: 6837
Ion Ratio Lower Upper
75 100
77 49.7 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

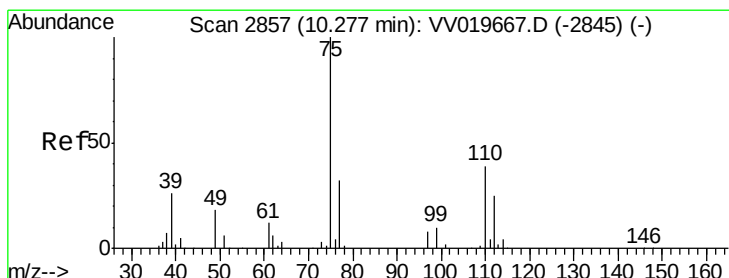
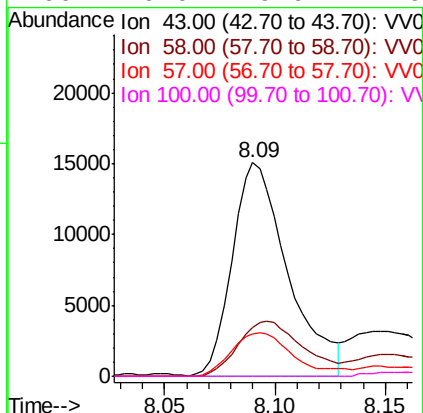
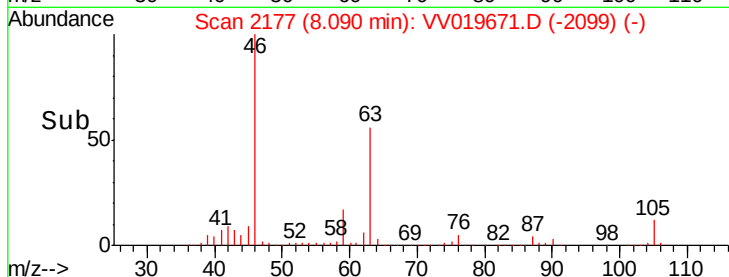
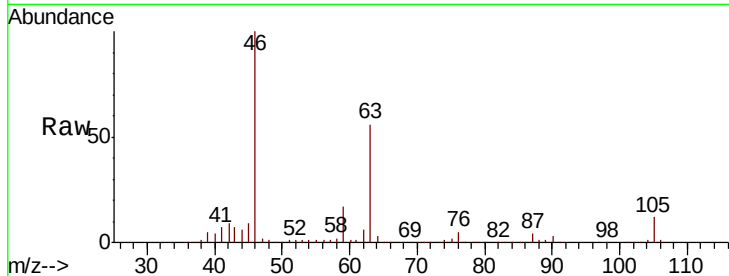




#48
 2-Hexanone
 Concen: 5.814 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019671.D
 Acq: 16 Dec 2020 13:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 26510
 Ion Ratio Lower Upper
 43 100
 58 29.8 44.4 66.6#
 57 21.3 15.7 23.5
 100 0.0 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 6.475 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019671.D
 Acq: 16 Dec 2020 13:48

Tgt Ion: 75 Resp: 33542
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.8 38.8

