

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061720\
 Data File : VV016960.D
 Acq On : 17 Jun 2020 13:13
 Operator : SY/MD
 Sample : VV0617WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK49

Quant Time: Jun 18 01:49:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 01:31:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	200742	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	191646	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	95486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	57710	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	44159	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.12	63	81186	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.92	46	152554	49.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.36%
24) Chloroform-d	4.37	84	117906	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.05	65	67218	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.07	84	236992	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.09	67	70262	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.33	98	215121	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
45) trans-1,3-Dichloropropene-	7.64	79	26498	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
48) 2-Hexanone-d5	8.11	63	99895	42.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.58%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42579	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	84253	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

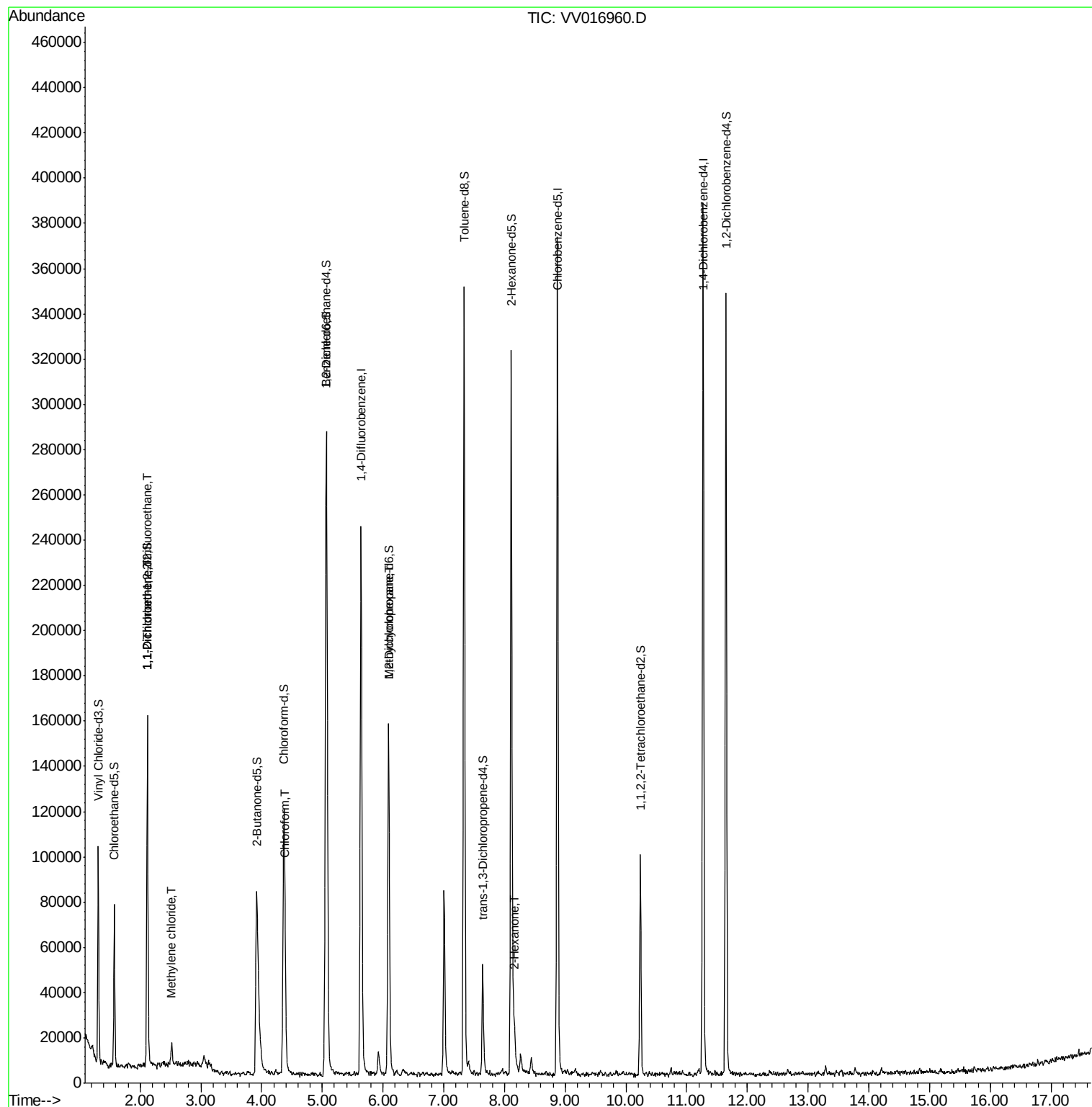
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1018	0.096 ug/L #	27
12) 1,1-Dichloroethene	2.12	96	871	0.090 ug/L #	1
16) Methylene chloride	2.52	84	4076	0.395 ug/L	82
25) Chloroform	4.40	83	7912	0.316 ug/L	96
35) Methylcyclohexane	6.09	83	17830	0.780 ug/L #	18
50) 2-Hexanone	8.16	43	11903	2.332 ug/L #	84

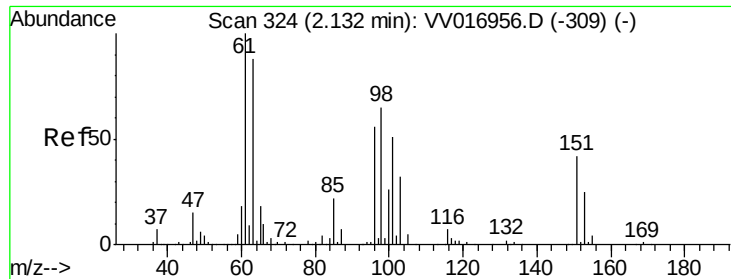
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 18 01:31:06 2020
Response via : Initial Calibration





#10

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

Concen: 0.096 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV016960.D

Acq: 17 Jun 2020 13:13

Instrument :

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ClientSampleId :

VBLK49

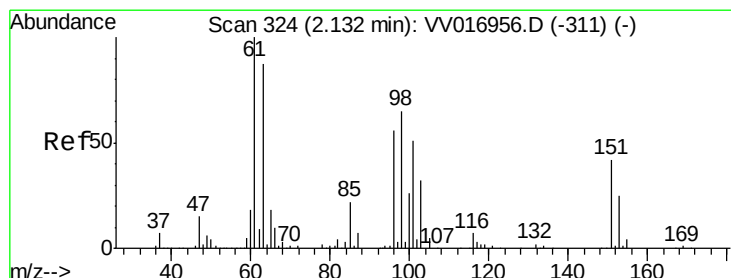
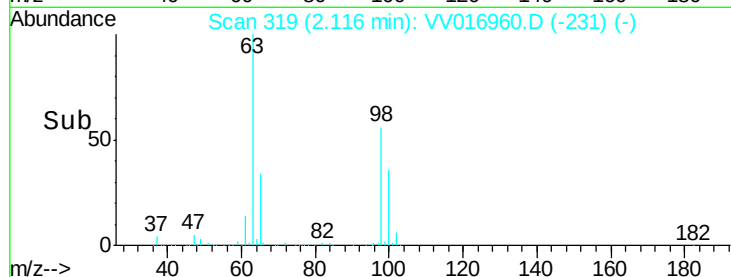
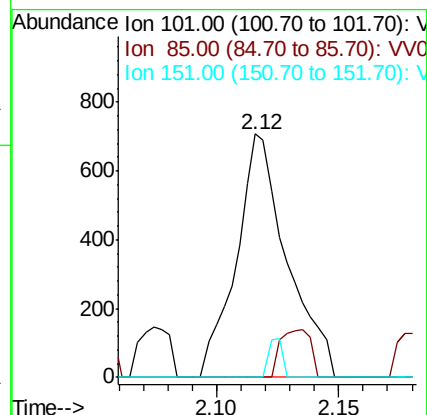
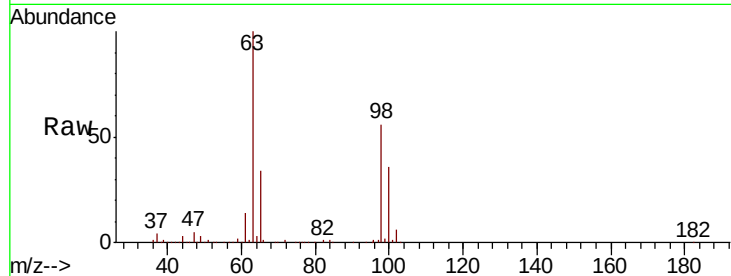
Tot Ion:101 Resp: 1018

Ion Ratio Lower Upper

101 100

85 11.9 35.4 53.2#

151 4.2 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016960.D

Acq: 17 Jun 2020 13:13

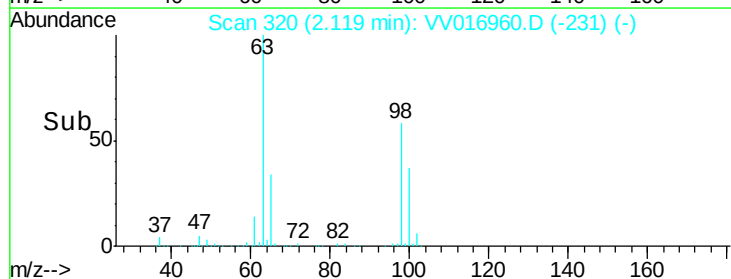
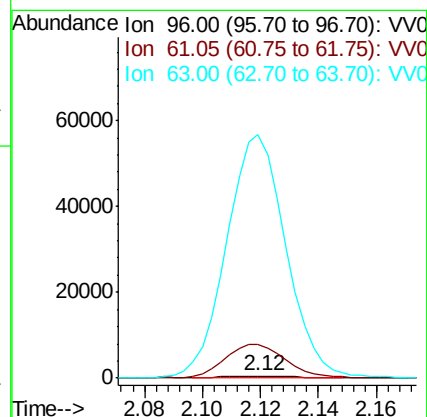
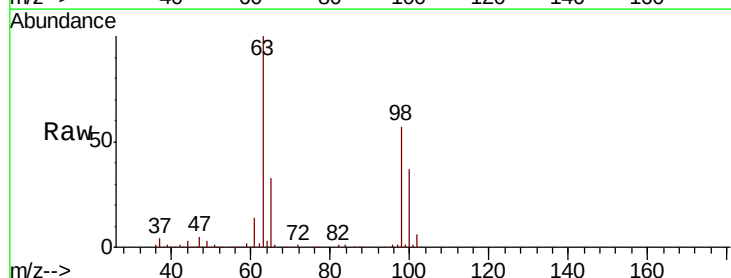
Tgt Ion: 96 Resp: 871

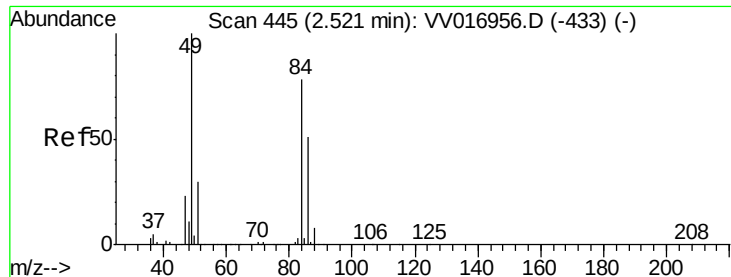
Ion Ratio Lower Upper

96 100

61 1548.8 125.0 232.2#

63 11348.8 109.8 203.8#

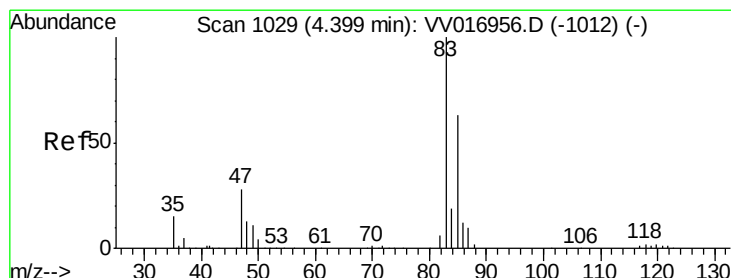
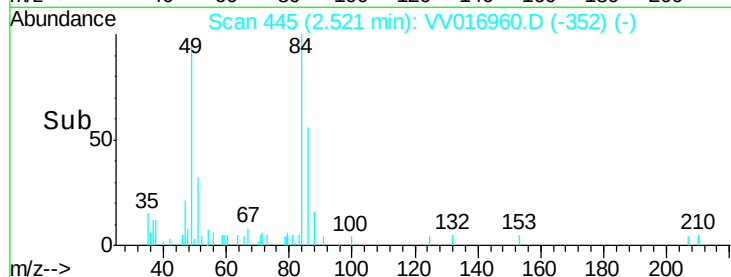
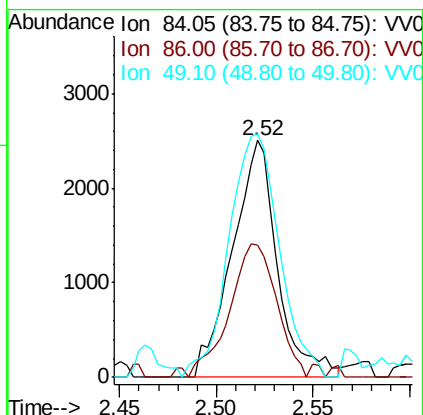
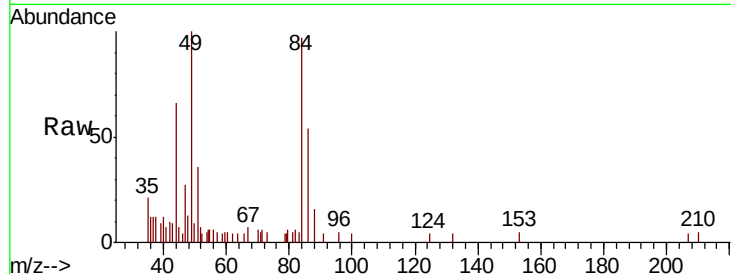




#16
Methylene chloride
Concen: 0.395 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV016960.D
Acq: 17 Jun 2020 13:13

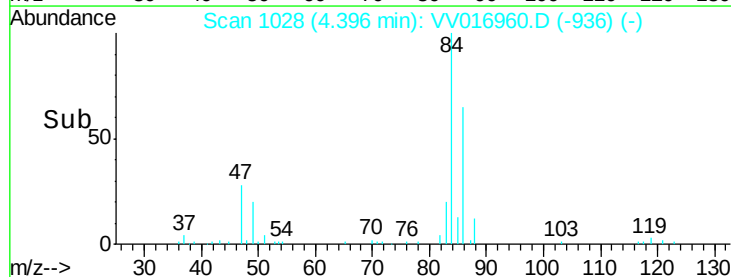
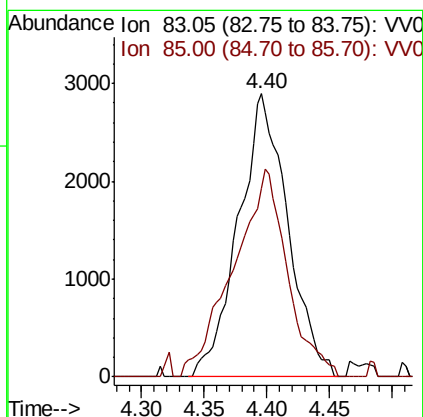
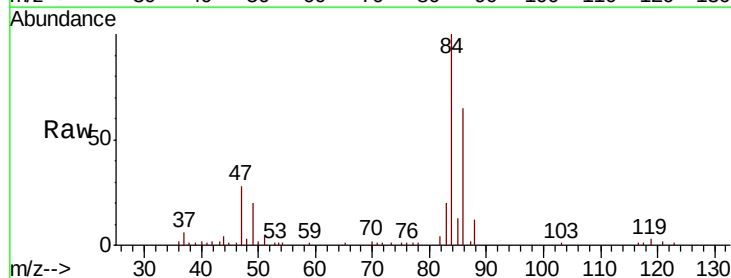
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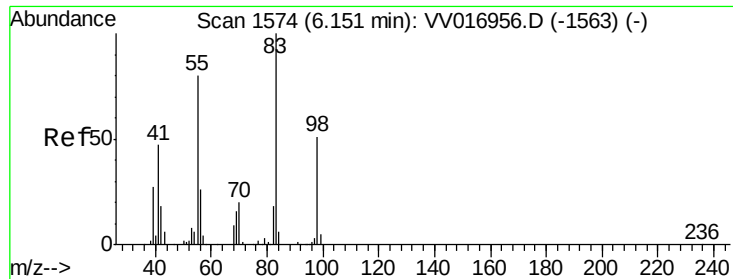
Tot Ion: 84 Resp: 4076
Ion Ratio Lower Upper
84 100
86 55.8 45.8 85.0
49 102.9 89.6 166.4



#25
Chloroform
Concen: 0.316 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV016960.D
Acq: 17 Jun 2020 13:13

Tgt Ion: 83 Resp: 7912
Ion Ratio Lower Upper
83 100
85 66.6 44.2 82.2

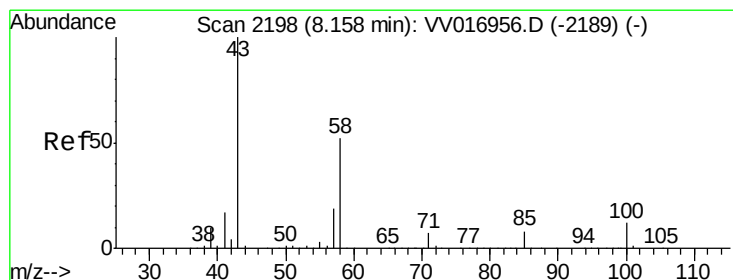
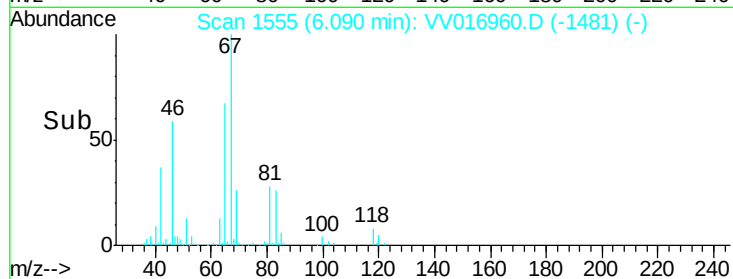
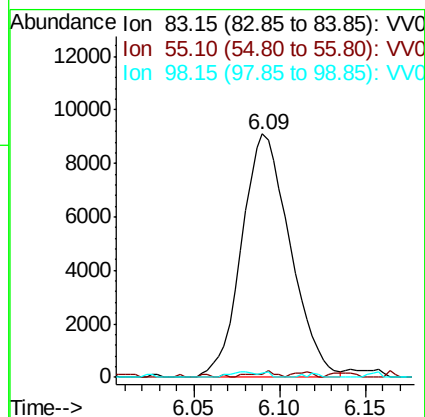
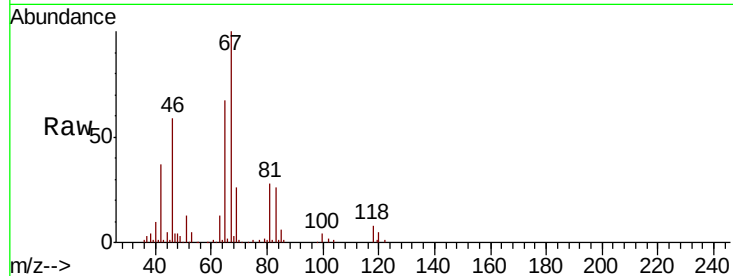




#35
Methylvlcyclohexane
Concen: 0.780 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV016960.D
Acq: 17 Jun 2020 13:13

Instrument :
MSVOA_V
ClientSampleId :
VBLK49

Tot Ion: 83 Resp: 17830
Ion Ratio Lower Upper
83 100
55 1.1 63.6 95.4#
98 1.6 38.8 58.2#



#50
2-Hexanone
Concen: 2.332 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016960.D
Acq: 17 Jun 2020 13:13

Tgt Ion: 43 Resp: 11903
Ion Ratio Lower Upper
43 100
58 35.7 41.6 62.4#
57 18.2 15.4 23.0
100 9.1 10.1 15.1#

