

Data File : VV014979.D
Acq On : 17 Mar 2020 17:24
Operator : SY/MD
Sample : L1940-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D94

Quant Time: Mar 18 05:25:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	319870	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145478	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	85974	40.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.70%
7) Chloroethane-d5	1.58	69	69365	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.66%
11) 1,1-Dichloroethene-d2	2.12	63	107922	33.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.02%
21) 2-Butanone-d5	3.93	46	112291	86.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.42%
24) Chloroform-d	4.38	84	199987	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	5.06	65	135940	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
32) Benzene-d6	5.08	84	410995	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.10	67	121975	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.34	98	394965	47.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.84%
43) trans-1,3-Dichloropropene-	7.64	79	54844	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.14%
47) 2-Hexanone-d5	8.12	63	112518	100.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177756	48.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	164637	51.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.32%

Target Compounds

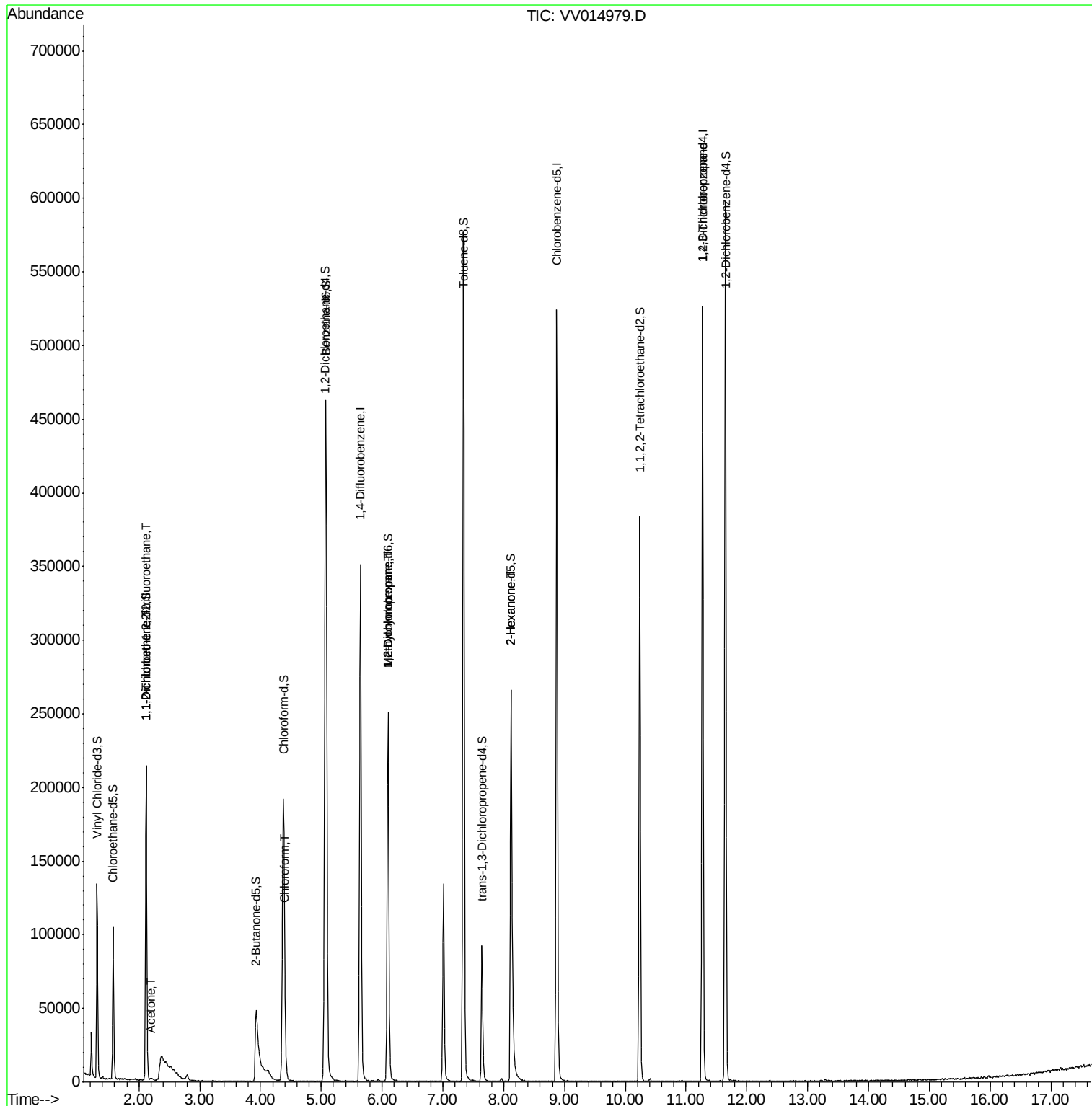
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1297	0.787 ug/L #	15
12) 1,1-Dichloroethene	2.12	96	1126	0.749 ug/L #	1
13) Acetone	2.20	43	1506	1.173 ug/L	73
25) Chloroform	4.41	83	15077	3.600 ug/L	95
35) Methylcyclohexane	6.10	83	31375	8.805 ug/L #	20
37) 1,2-Dichloropropane	6.09	63	14047	6.811 ug/L #	84
48) 2-Hexanone	8.12	43	12424	5.638 ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	14377	5.084 ug/L	95

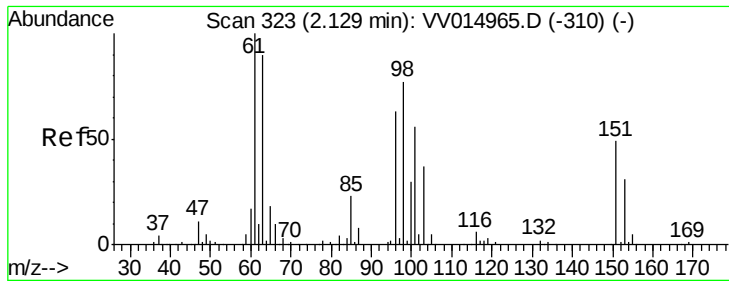
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.787 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Acq: 17 Mar 2020 17:24

Instrument :

MSVOA_V

ClientSampled :

C0D94

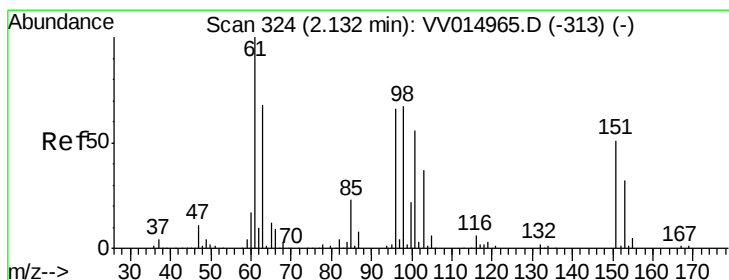
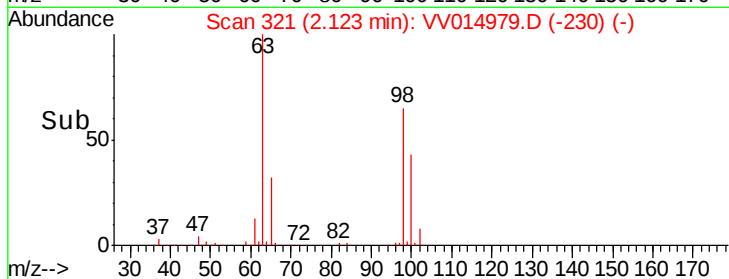
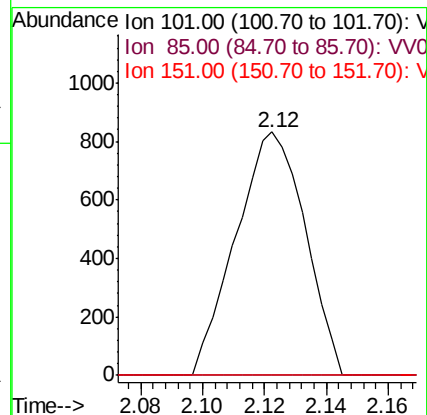
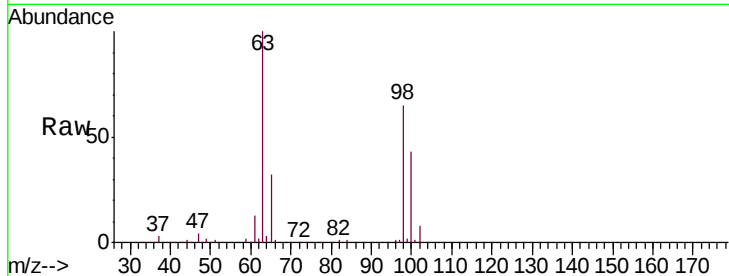
Tgt Ion:101 Resp: 1297

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

151 0.0 70.1 105.1#



#12

1,1-Dichloroethene

Concen: 0.749 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014979.D

Acq: 17 Mar 2020 17:24

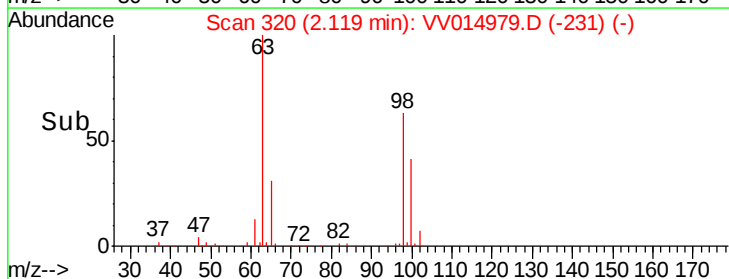
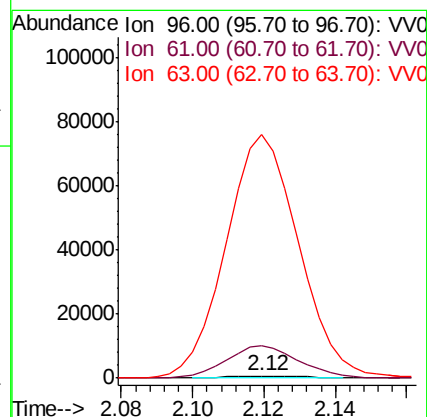
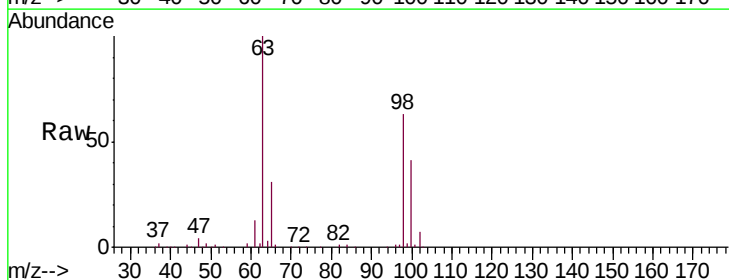
Tgt Ion: 96 Resp: 1126

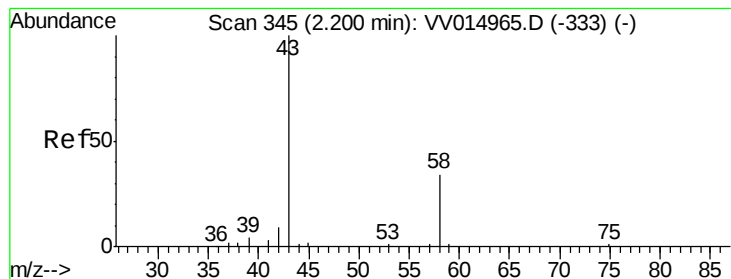
Ion Ratio Lower Upper

96 100

61 1393.0 115.7 214.9#

63 10590.5 99.2 184.2#





#13

Acetone

Concen: 1.173 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

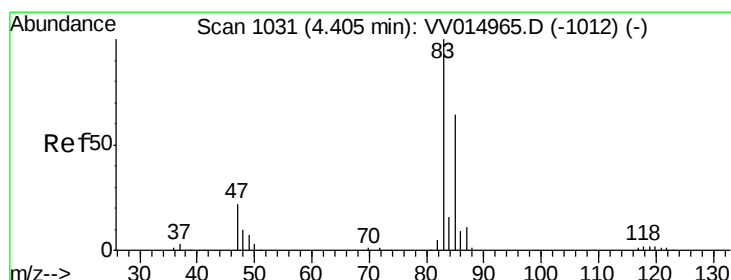
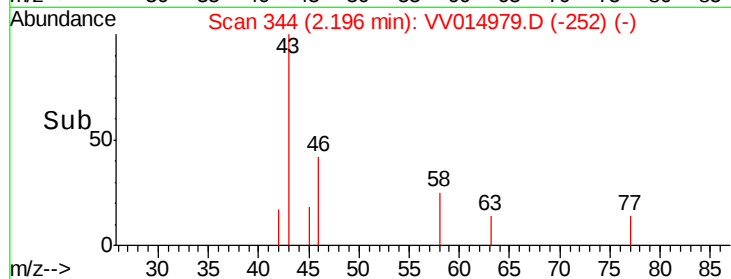
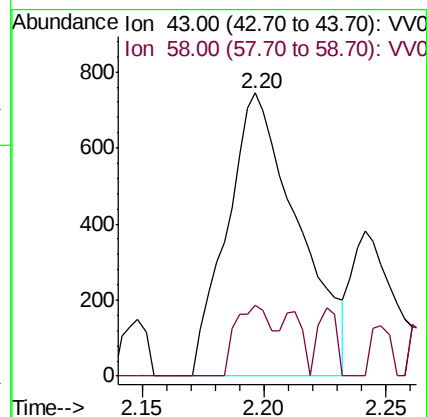
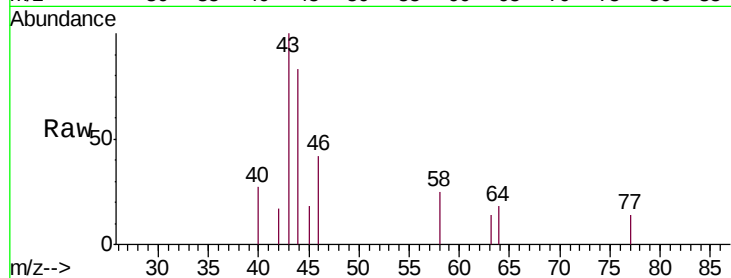
C0D94

Tgt Ion: 43 Resp: 1506

Ion Ratio Lower Upper

43 100

58 12.0 0.0 51.6



#25

Chloroform

Concen: 3.600 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV014979.D

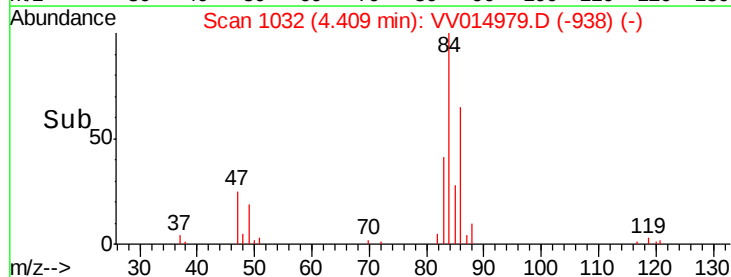
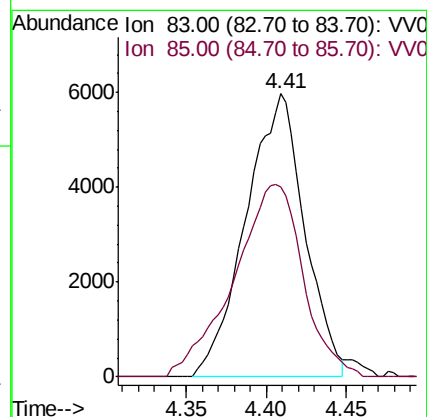
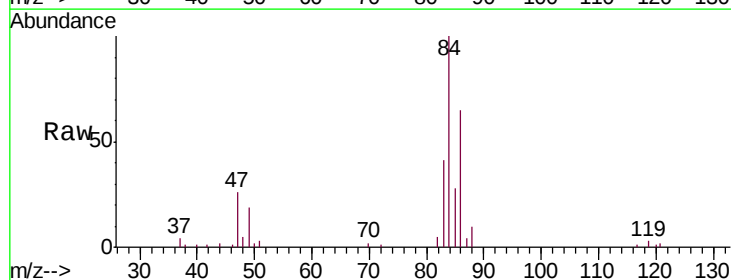
Acq: 17 Mar 2020 17:24

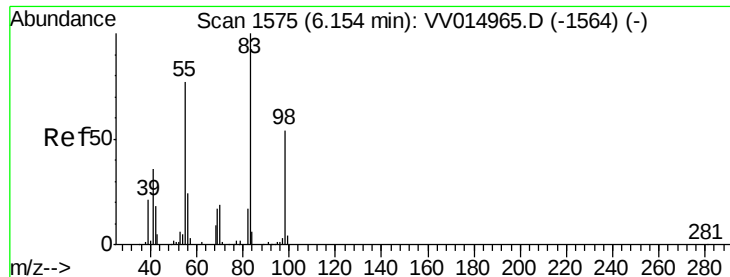
Tgt Ion: 83 Resp: 15077

Ion Ratio Lower Upper

83 100

85 67.3 44.6 82.8

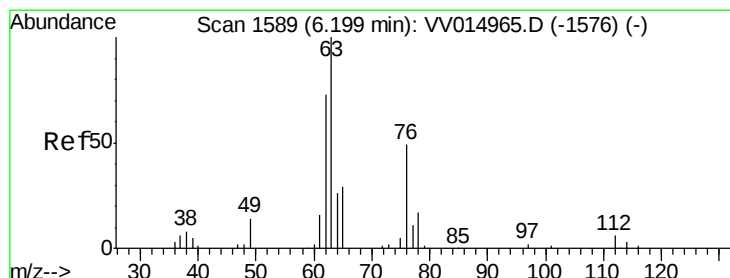
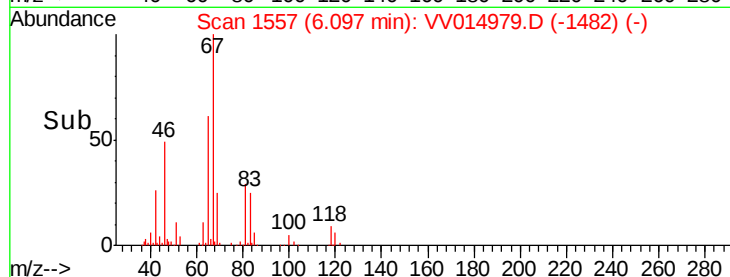
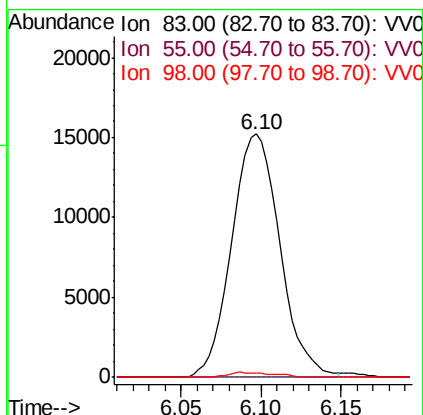
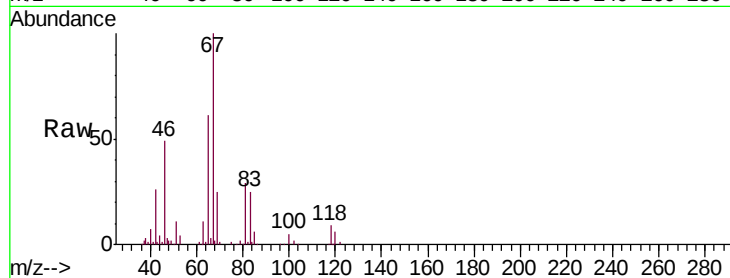




#35
Methylcyclohexane
Concen: 8.805 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV014979.D
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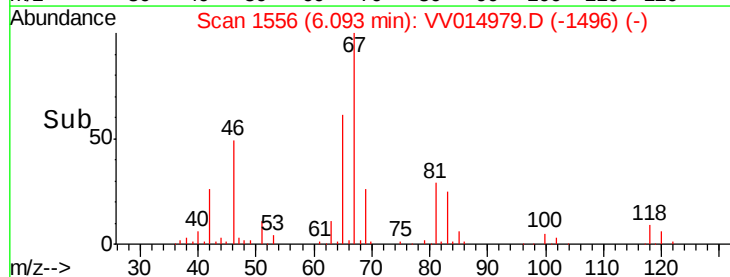
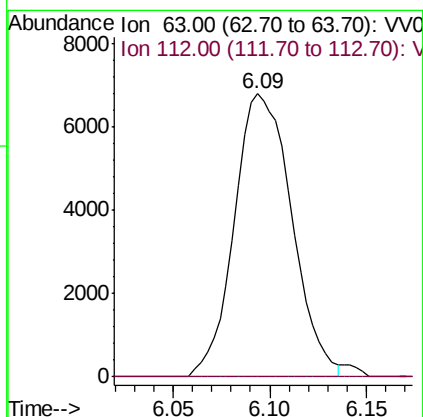
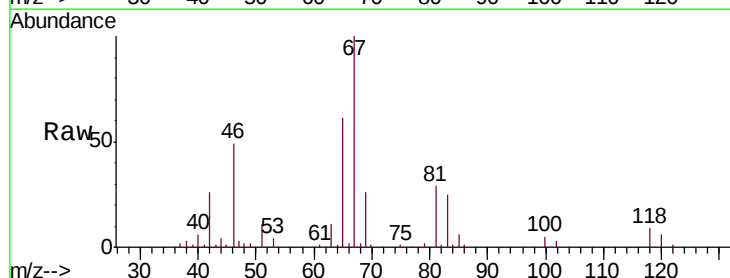
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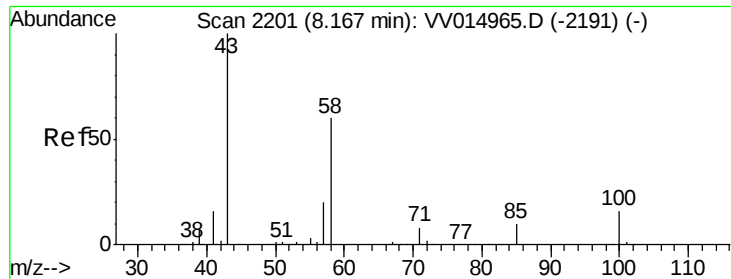
Tgt Ion: 83 Resp: 31375
Ion Ratio Lower Upper
83 100
55 0.0 57.5 86.3#
98 1.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 6.811 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV014979.D
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Tgt Ion: 63 Resp: 14047
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

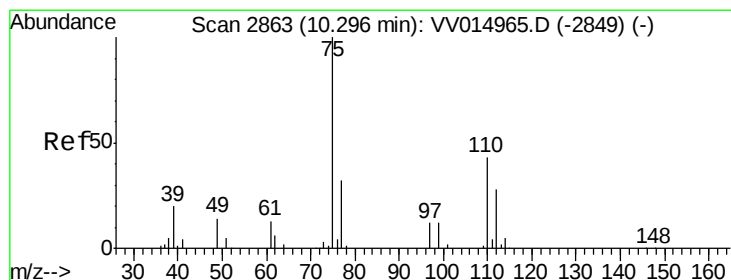
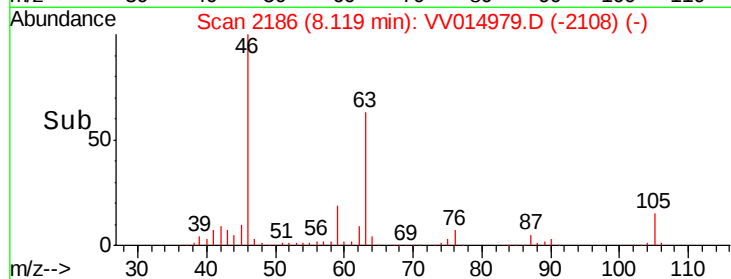
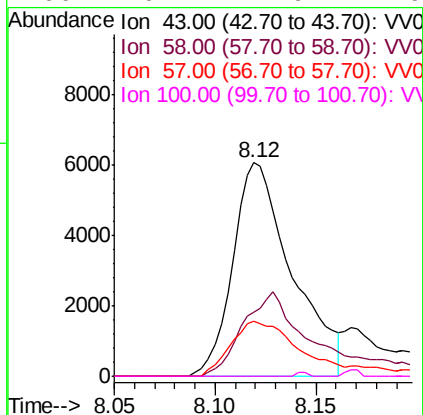
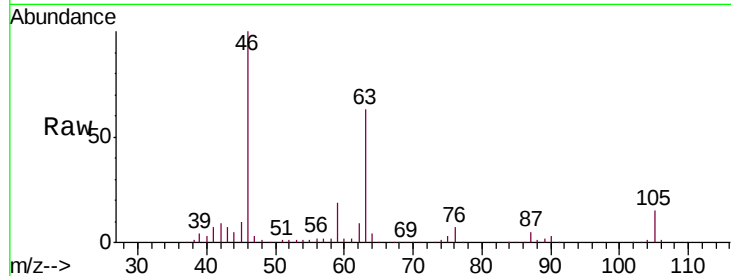




#48
2-Hexanone
Concen: 5.638 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV014979.D
Acq: 17 Mar 2020 17:24

Instrument :
MSVOA_V
ClientSampleId :
C0D94

Tgt Ion:	43	Resp:	12424
Ion	Ratio	Lower	Upper
43	100		
58	41.4	46.9	70.3#
57	29.1	16.2	24.4#
100	0.4	11.9	17.9#



#59
1,2,3-Trichloropropane
Concen: 5.084 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV014979.D
Acq: 17 Mar 2020 17:24

Tgt Ion:	75	Resp:	14377
Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.6	40.0

