

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014679.D
 Acq On : 22 Feb 2020 01:48
 Operator : SY/MD
 Sample : L1608-10 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:39:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 04:25:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	214261	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	199248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	94313	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32688	39.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.12%
7) Chloroethane-d5	1.59	69	26454	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.24%
11) 1,1-Dichloroethene-d2	2.13	63	53845	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.04%
21) 2-Butanone-d5	3.95	46	75972	97.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.67%
24) Chloroform-d	4.40	84	125815	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	5.08	65	86864	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
32) Benzene-d6	5.10	84	253388	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
36) 1,2-Dichloropropane-d6	6.11	67	75457	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.36	98	235789	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%
43) trans-1,3-Dichloropropene-	7.66	79	38521	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.14	63	59354	96.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.31%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	105608	49.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.14%
64) 1,2-Dichlorobenzene-d4	11.67	152	92096	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%

Target Compounds

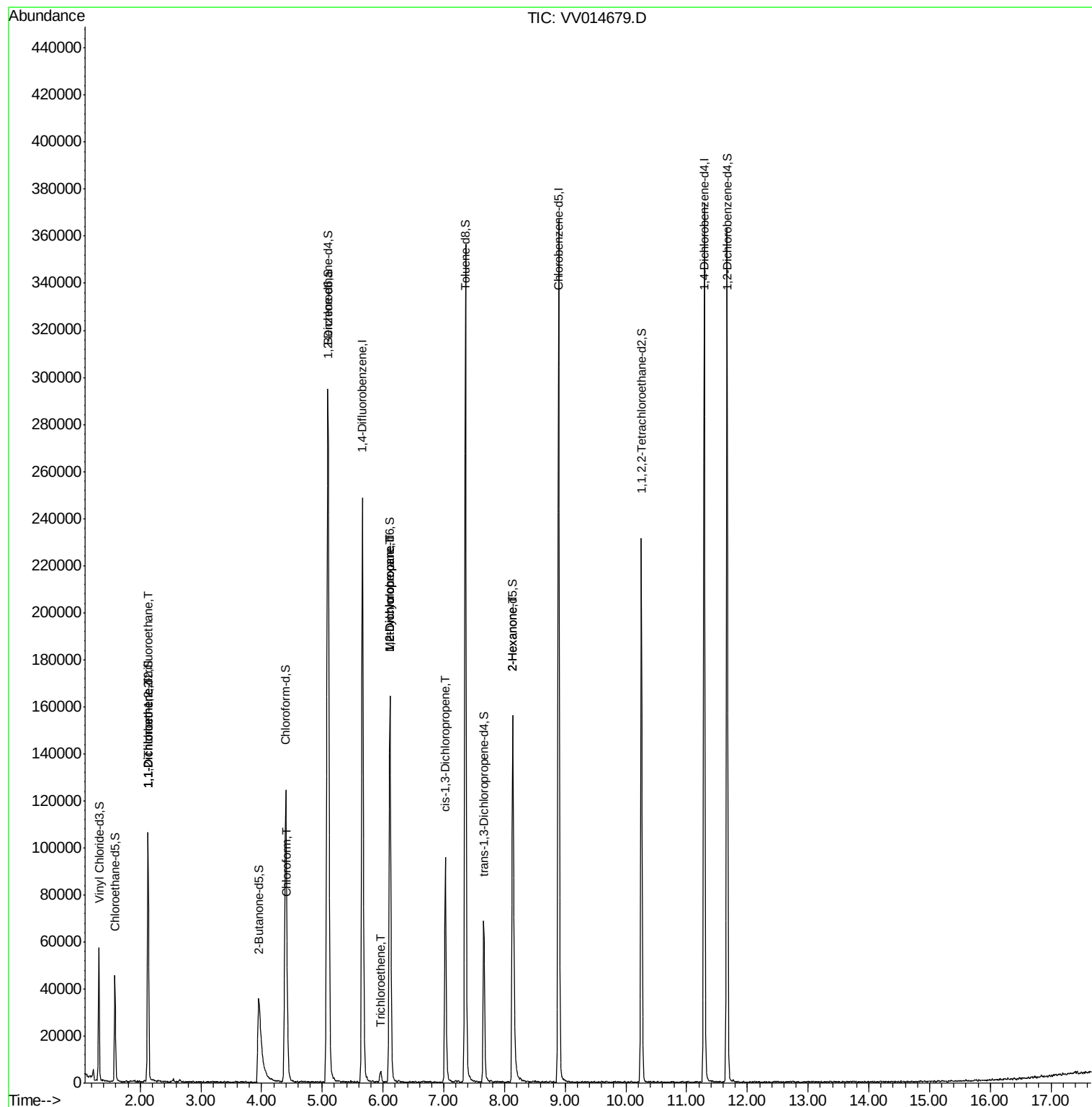
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	636	0.876 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	494	0.756 ug/L #	1
25) Chloroform	4.43	83	4566	1.719 ug/L	88
34) Trichloroethene	5.96	95	970	0.648 ug/L	89
35) Methylcyclohexane	6.11	83	19144	8.966 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	9485	7.547 ug/L #	86
39) cis-1,3-Dichloropropene	7.02	75	2580	1.149 ug/L #	67
48) 2-Hexanone	8.14	43	8003	6.554 ug/L #	74

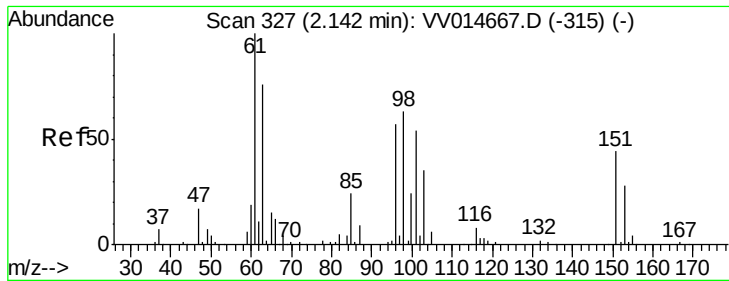
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration





#10

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

Concen: 0.876 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV014679.D

Acq: 22 Feb 2020 01:48

Instrument :

MSVOA_V

ClientSampled :

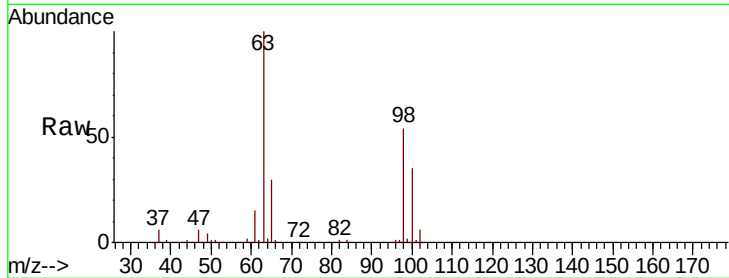
Tot Ion:101 Resp: 636

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

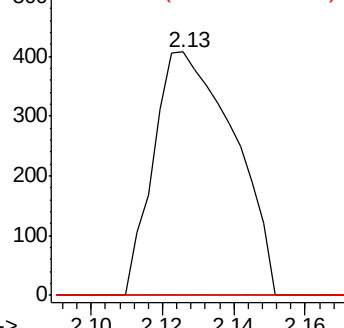
151 0.0 64.6 96.8#



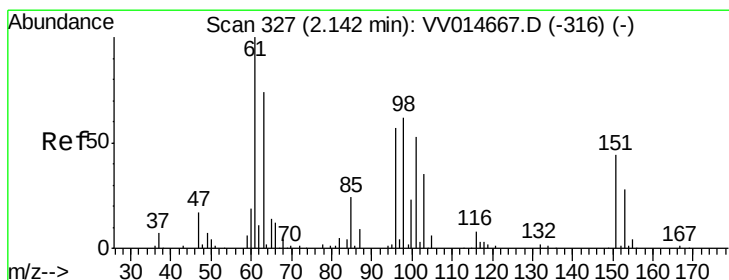
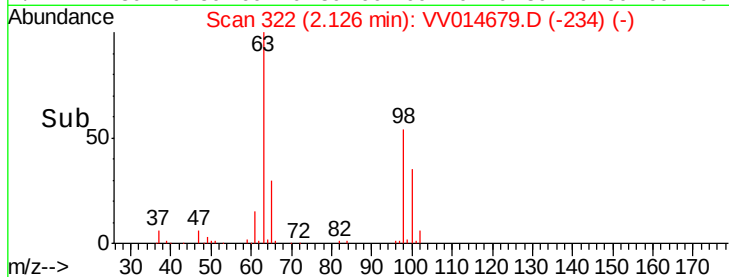
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.756 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014679.D

Acq: 22 Feb 2020 01:48

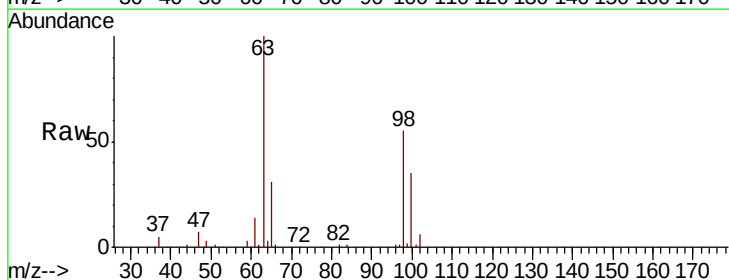
Tgt Ion: 96 Resp: 494

Ion Ratio Lower Upper

96 100

61 1335.5 124.5 231.1#

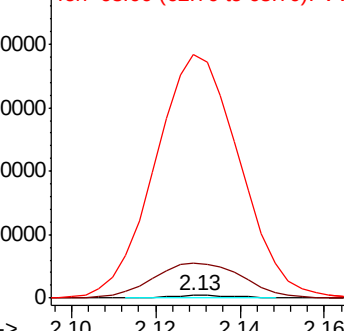
63 9380.9 98.1 182.1#



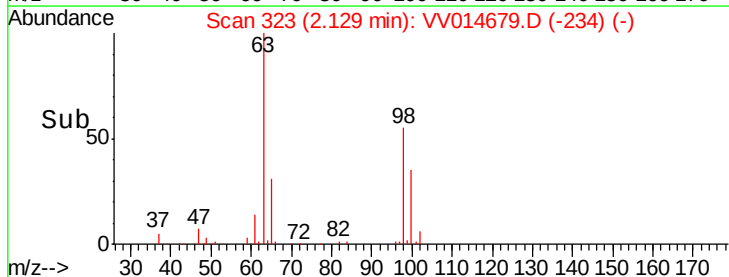
Abundance Ion 96.00 (95.70 to 96.70): VV0

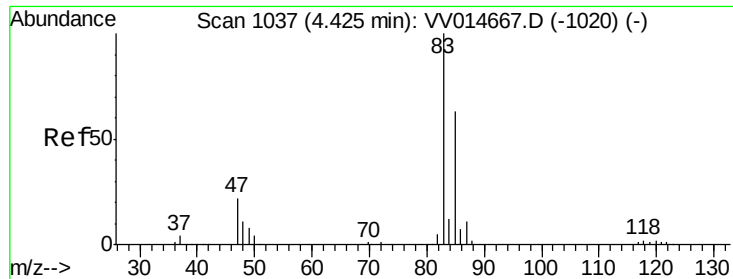
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->





#25

Chloroform

Concen: 1.719 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV014679.D

Acq: 22 Feb 2020 01:48

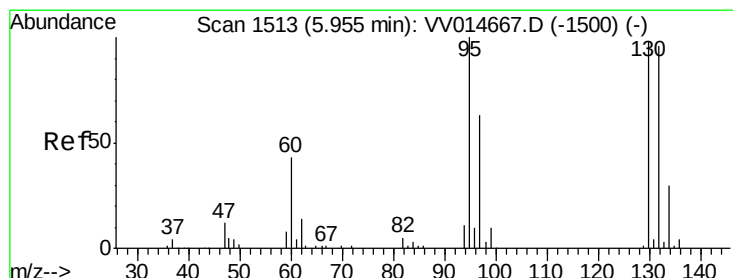
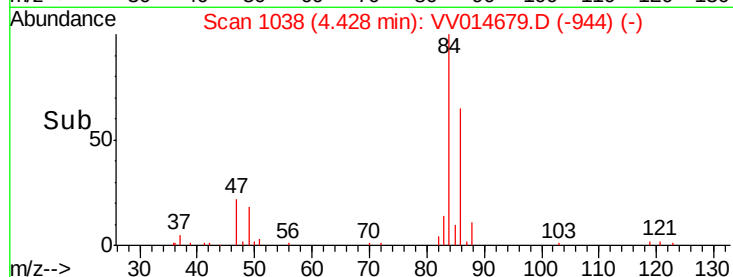
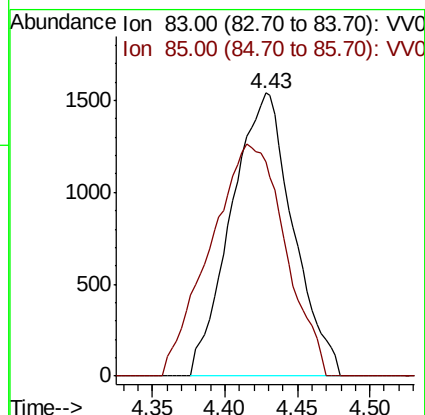
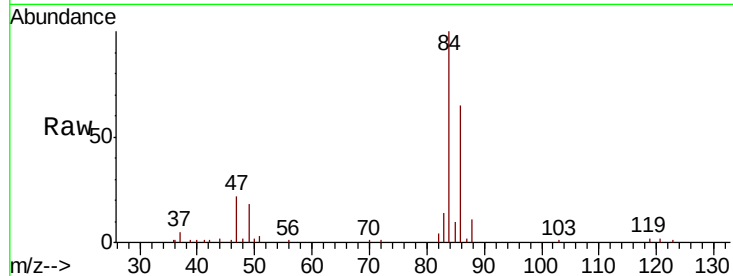
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 4566

Ion Ratio Lower Upper

83 100

85 75.6 46.1 85.7



#34

Trichloroethene

Concen: 0.648 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV014679.D

Acq: 22 Feb 2020 01:48

Tgt Ion: 95 Resp: 970

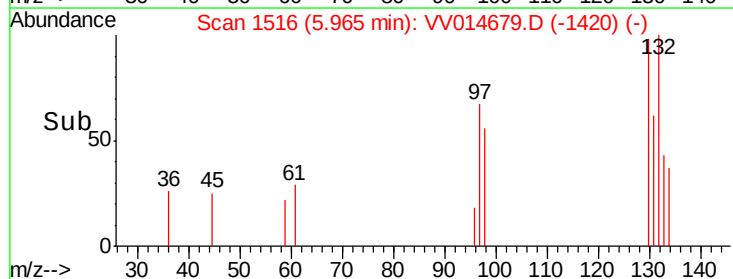
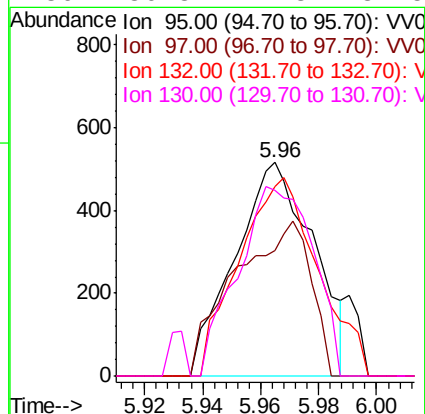
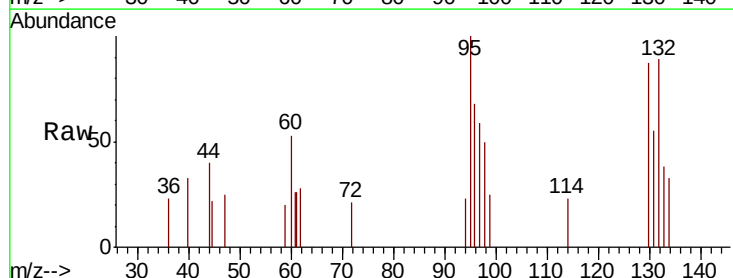
Ion Ratio Lower Upper

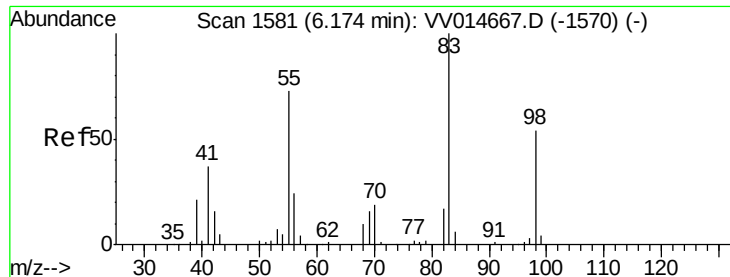
95 100

97 58.9 44.3 82.3

132 88.6 69.7 129.4

130 86.8 71.3 132.5

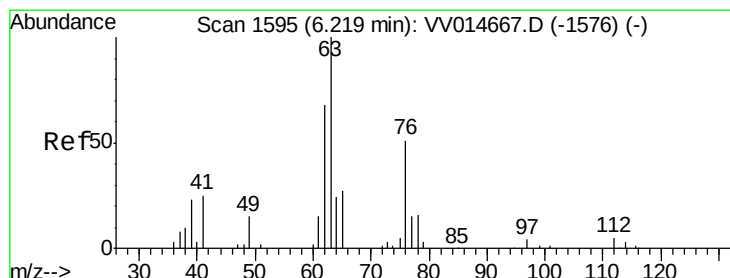
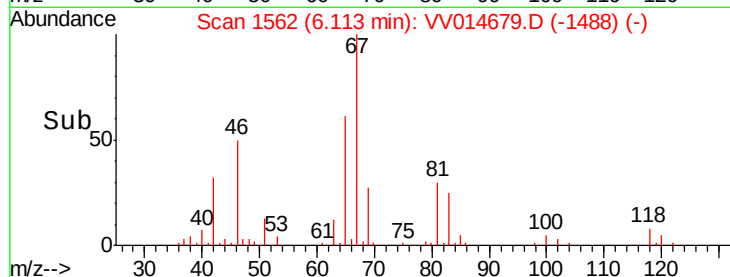
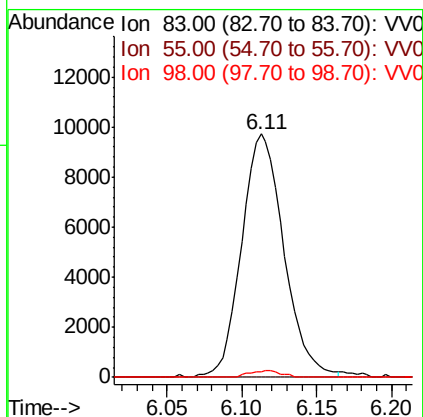
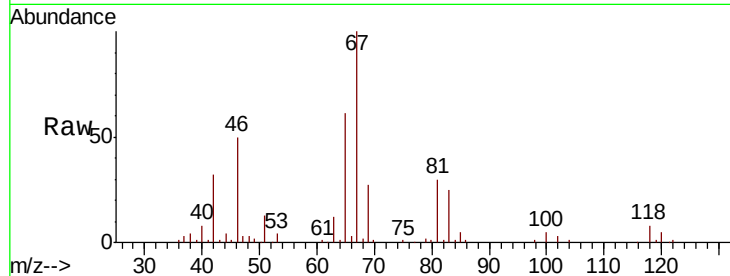




#35
Methylvlcyclohexane
Concen: 8.966 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014679.D
Acq: 22 Feb 2020 01:48

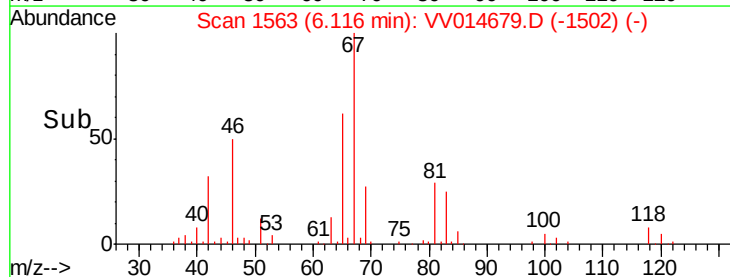
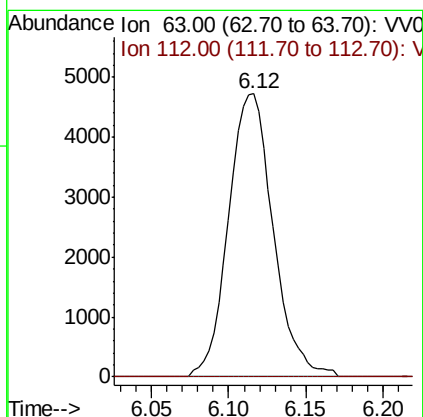
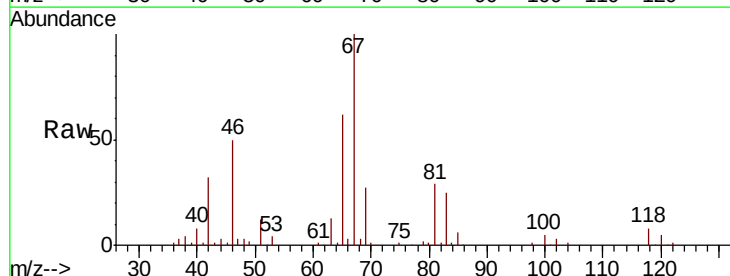
Instrument :
MSVOA_V
ClientSampleId :

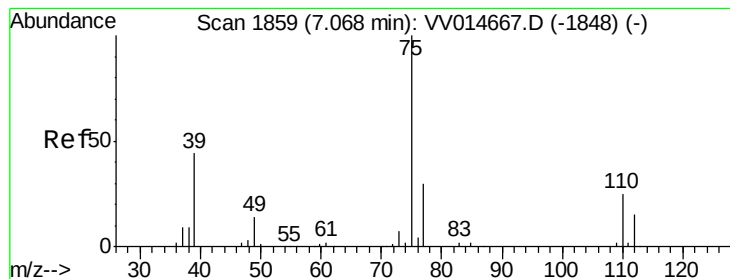
Tot Ion: 83 Resp: 19144
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 2.0 40.4 60.6#



#37
1,2-Dichloropropane
Concen: 7.547 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014679.D
Acq: 22 Feb 2020 01:48

Tgt Ion: 63 Resp: 9485
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



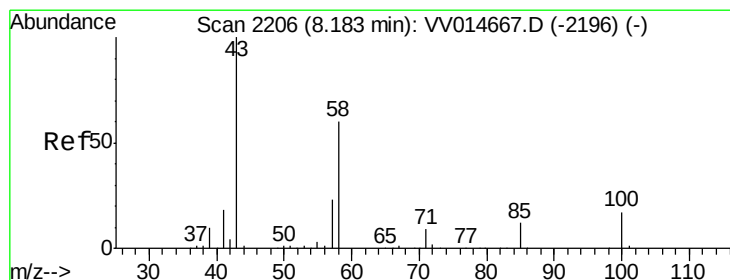
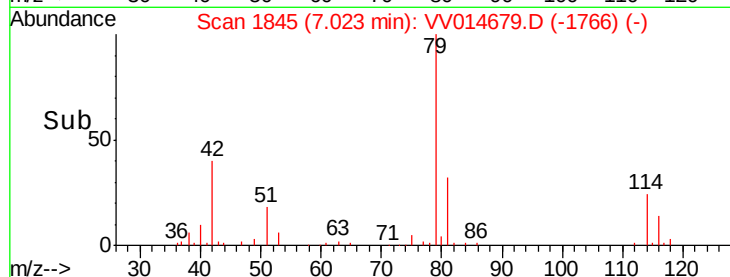
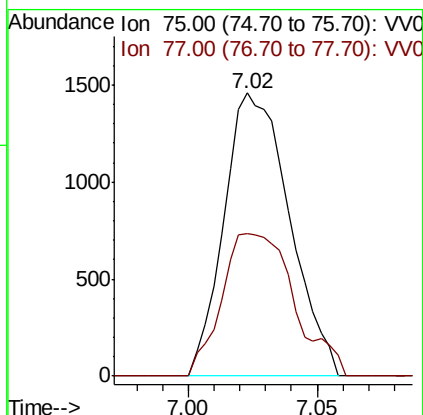
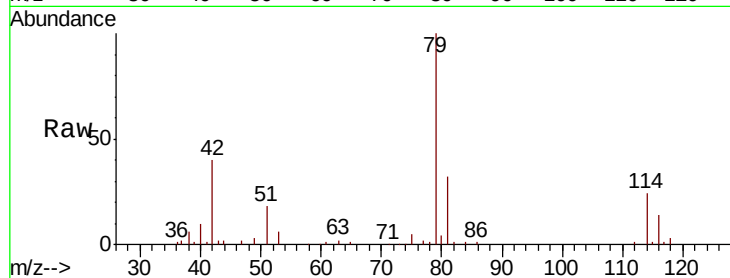


#39

cis-1,3-Dichloropropene
Concen: 1.149 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.04 min
Lab File: VV014679.D
Acq: 22 Feb 2020 01:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 2580
Ion Ratio Lower Upper
75 100
77 50.5 22.4 41.6#



#48

2-Hexanone
Concen: 6.554 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV014679.D
Acq: 22 Feb 2020 01:48

Tgt Ion: 43 Resp: 8003
Ion Ratio Lower Upper
43 100
58 40.1 49.4 74.2#
57 18.1 17.8 26.8
100 0.0 13.1 19.7#

