

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014678.D
 Acq On : 22 Feb 2020 01:25
 Operator : SY/MD
 Sample : L1608-09 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:39:01 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	218537	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	203447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	95325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33409	39.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.28%
7) Chloroethane-d5	1.59	69	27208	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.96%
11) 1,1-Dichloroethene-d2	2.13	63	54397	34.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.38%
21) 2-Butanone-d5	3.96	46	78830	99.36	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.36%
24) Chloroform-d	4.40	84	129013	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.08	65	88761	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
32) Benzene-d6	5.10	84	257491	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
36) 1,2-Dichloropropane-d6	6.11	67	77017	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.10%
41) Toluene-d8	7.35	98	240177	46.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.62%
43) trans-1,3-Dichloropropene-	7.66	79	38356	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.22%
47) 2-Hexanone-d5	8.14	63	60350	95.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.90%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	108580	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	11.67	152	94043	50.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.84%

Target Compounds

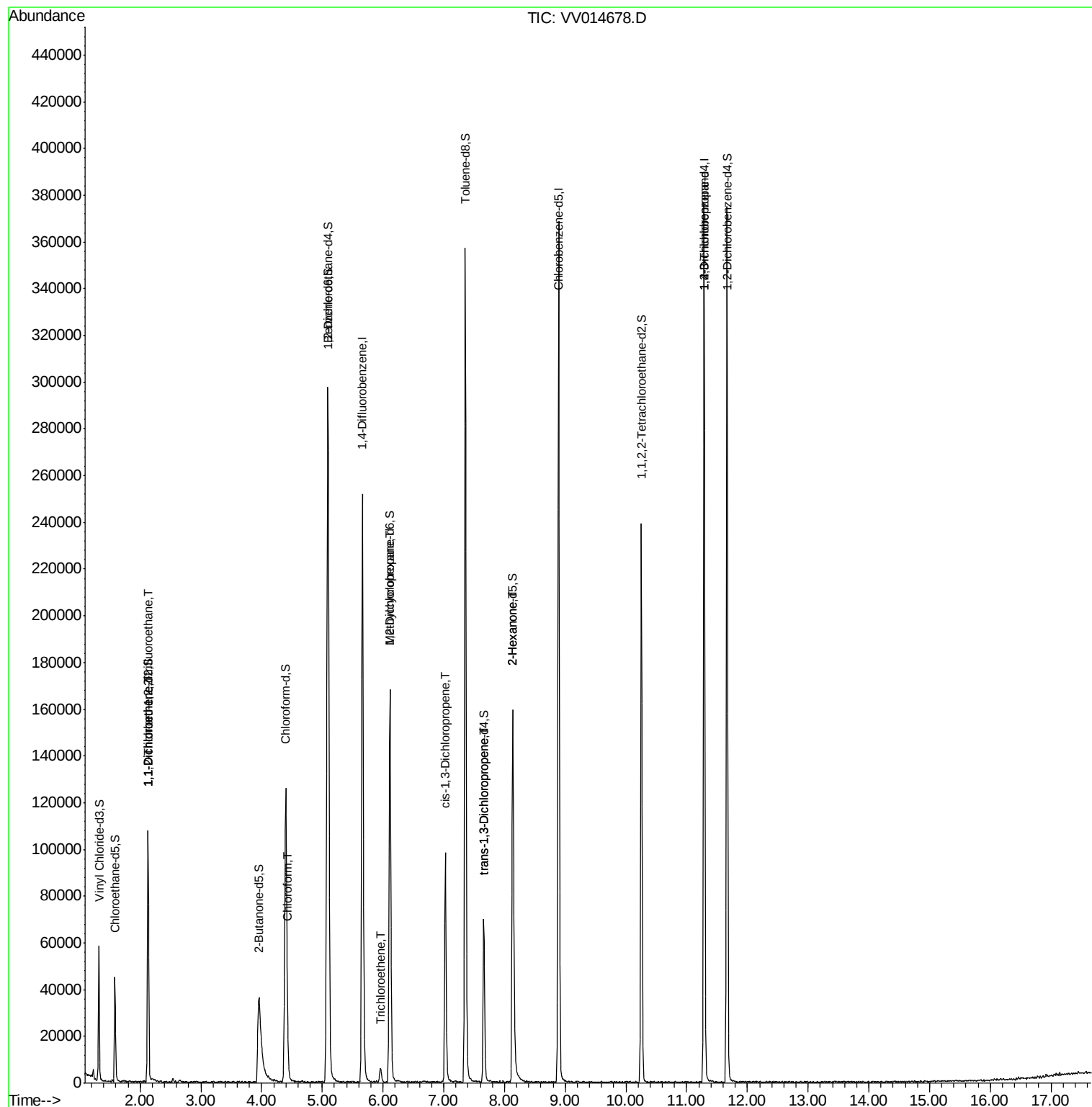
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	613	0.828 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	570	0.856 ug/L #	1
25) Chloroform	4.43	83	5762	2.127 ug/L	89
34) Trichloroethene	5.96	95	1712	1.121 ug/L	84
35) Methylcyclohexane	6.12	83	20157	9.246 ug/L #	21
39) cis-1,3-Dichloropropene	7.03	75	2579	1.125 ug/L #	62
44) trans-1,3-Dichloropropene	7.66	75	2068	0.995 ug/L	88
48) 2-Hexanone	8.14	43	7837	6.285 ug/L #	79
59) 1,2,3-Trichloropropane	11.29	75	10592	6.100 ug/L	89

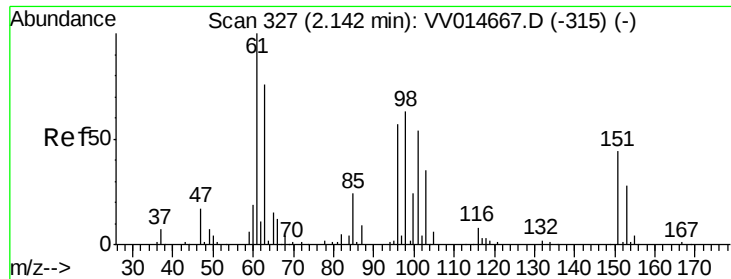
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 24 04:39:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration





#10

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

Concen: 0.828 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014678.D

Acq: 22 Feb 2020 01:25

Instrument :

MSVOA_V

ClientSampleId :

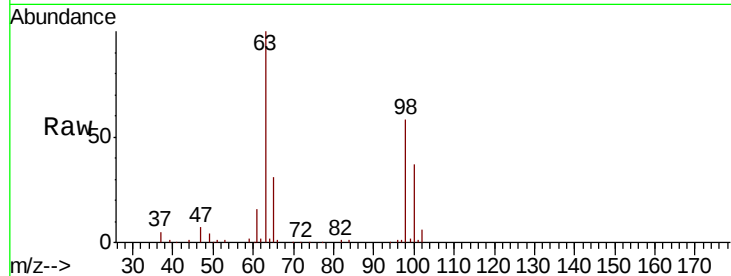
Tot Ion:101 Resp: 613

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

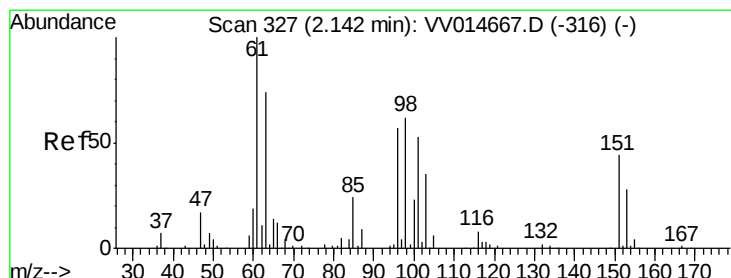
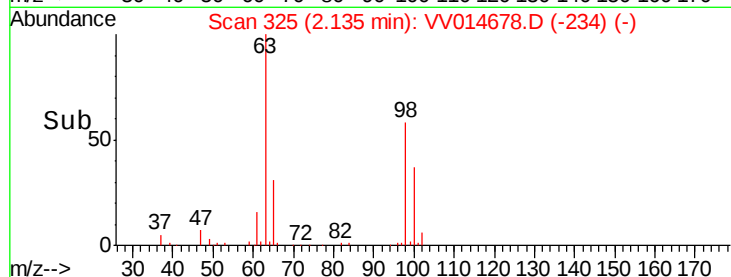
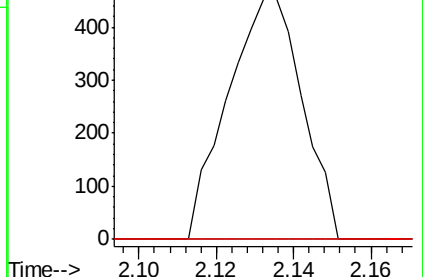
151 0.0 64.6 96.8#



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



#12

1,1-Dichloroethene

Concen: 0.856 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV014678.D

Acq: 22 Feb 2020 01:25

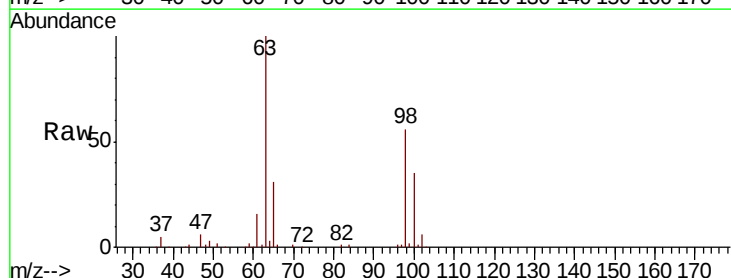
Tgt Ion: 96 Resp: 570

Ion Ratio Lower Upper

96 100

61 1381.2 124.5 231.1#

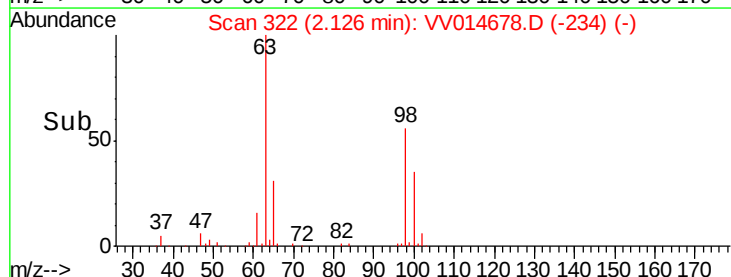
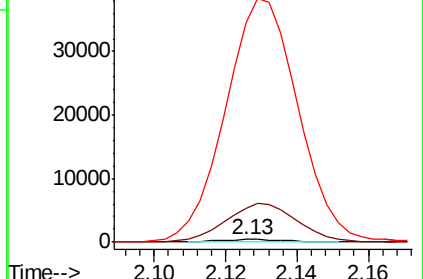
63 8878.1 98.1 182.1#

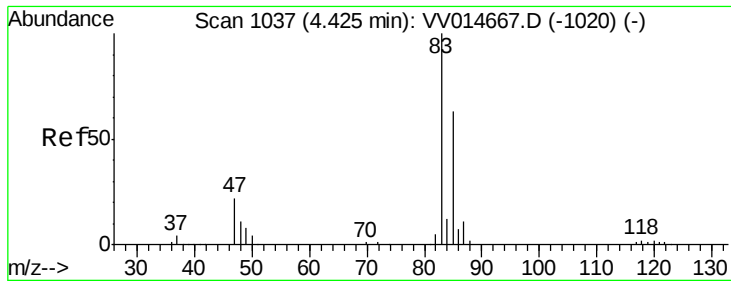


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

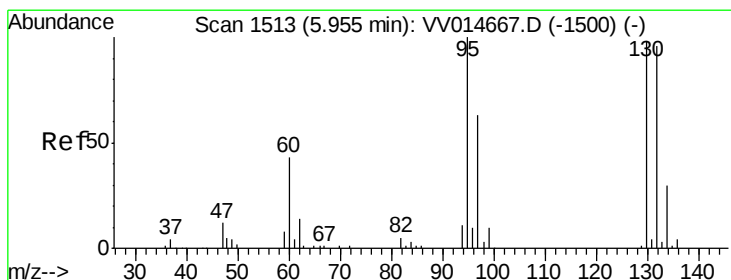
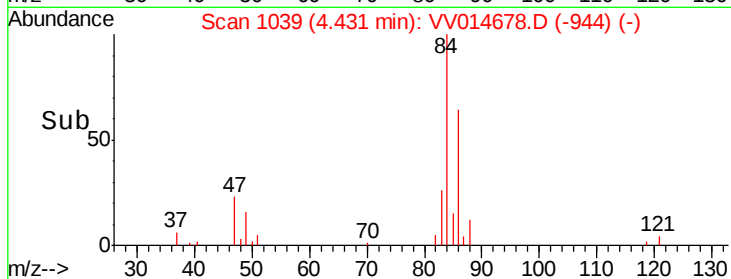
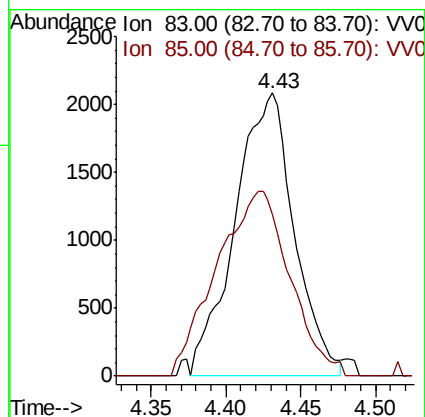
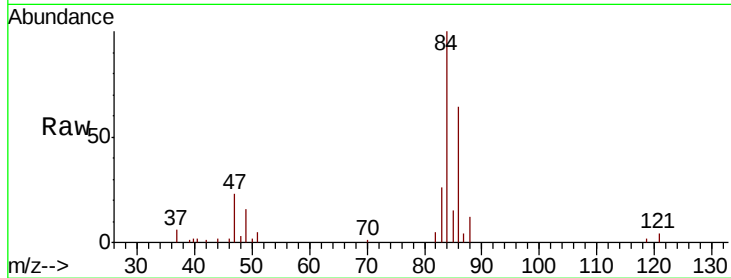




#25
Chloroform
Concen: 2.127 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV014678.D
Acq: 22 Feb 2020 01:25

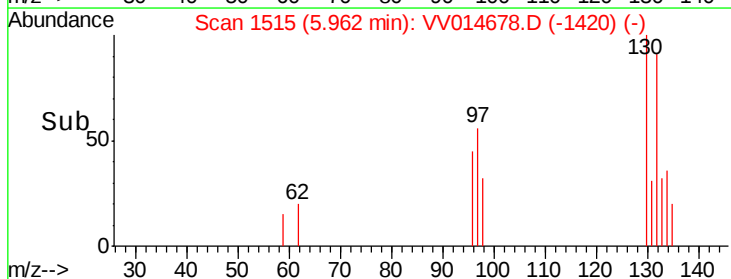
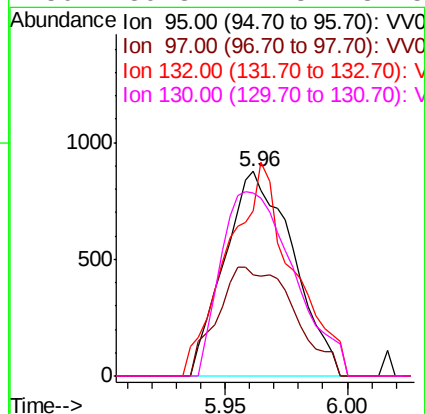
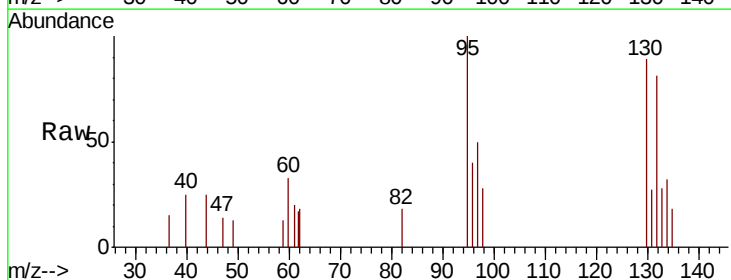
Instrument :
MSVOA_V
ClientSampleId :

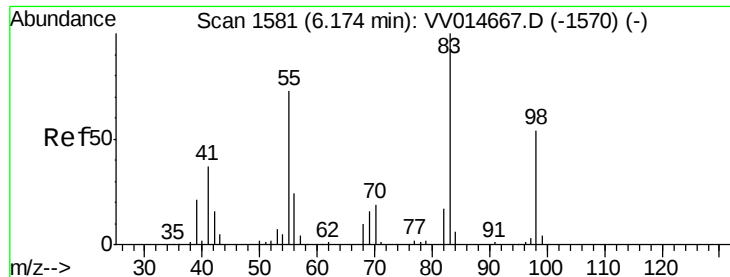
Tot Ion: 83 Resp: 5762
Ion Ratio Lower Upper
83 100
85 57.1 46.1 85.7



#34
Trichloroethene
Concen: 1.121 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV014678.D
Acq: 22 Feb 2020 01:25

Tgt Ion: 95 Resp: 1712
Ion Ratio Lower Upper
95 100
97 49.7 44.3 82.3
132 81.0 69.7 129.4
130 89.3 71.3 132.5

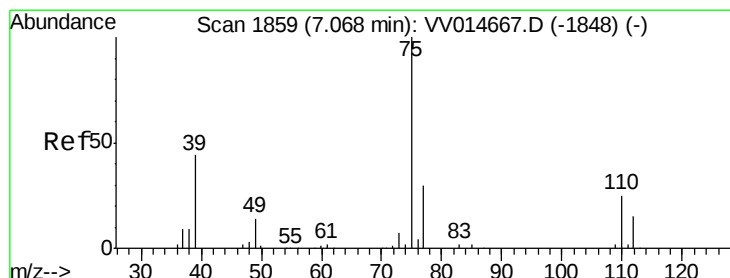
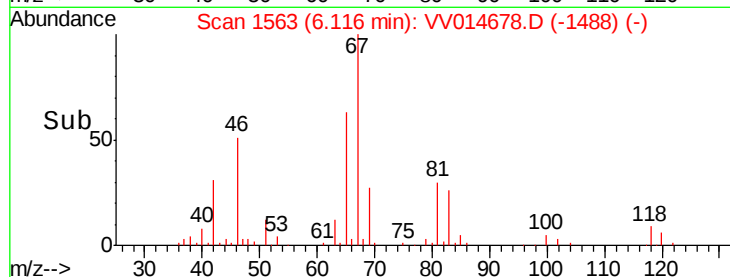
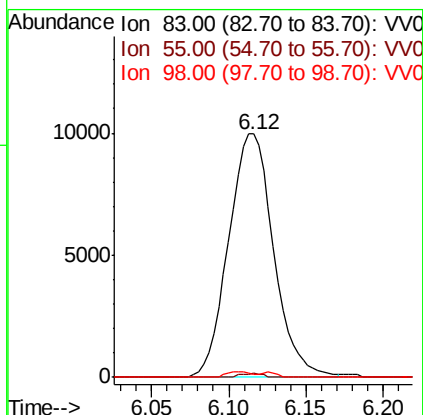
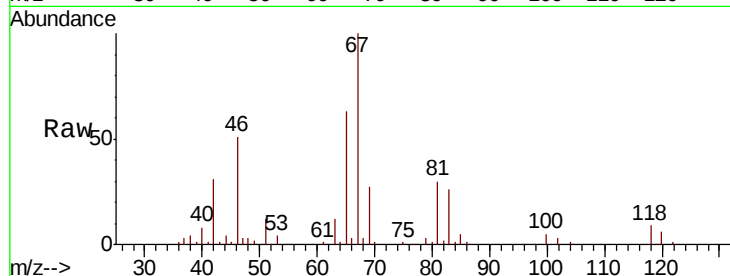




#35
Methylcyclohexane
Concen: 9.246 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014678.D
Acq: 22 Feb 2020 01:25

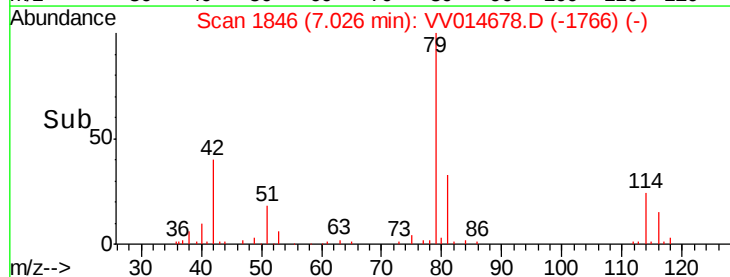
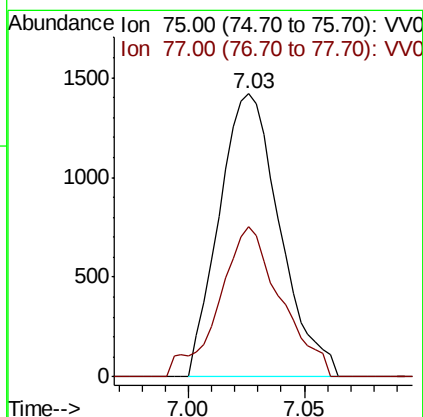
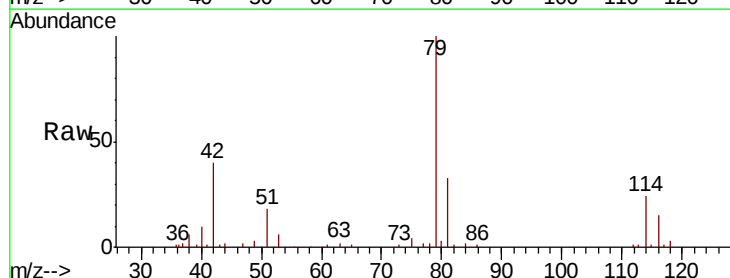
Instrument :
MSVOA_V
ClientSampled :

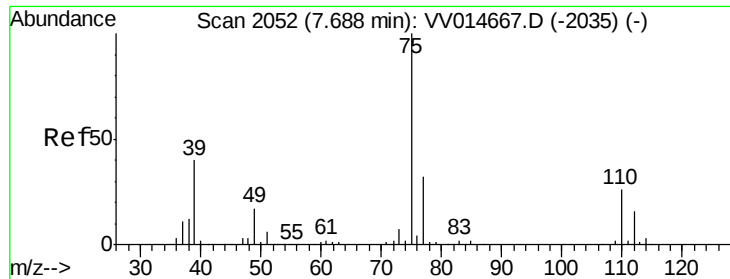
Tot Ion: 83 Resp: 20157
Ion Ratio Lower Upper
83 100
55 0.7 56.1 84.1#
98 0.8 40.4 60.6#



#39
cis-1,3-Dichloropropene
Concen: 1.125 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014678.D
Acq: 22 Feb 2020 01:25

Tgt Ion: 75 Resp: 2579
Ion Ratio Lower Upper
75 100
77 53.0 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.995 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014678.D

Acq: 22 Feb 2020 01:25

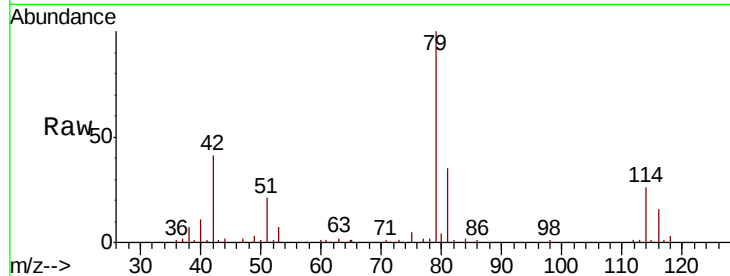
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 2068

Ion Ratio Lower Upper

75 100

77 37.9 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VV014667.D (-2035) (-)

Ion 77.00 (76.70 to 77.70): VV014667.D (-2035) (-)

7.66

1200

1000

800

600

400

200

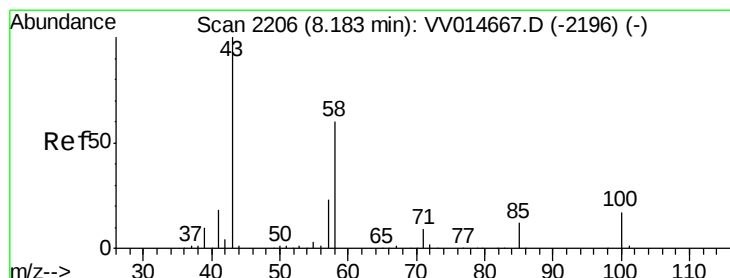
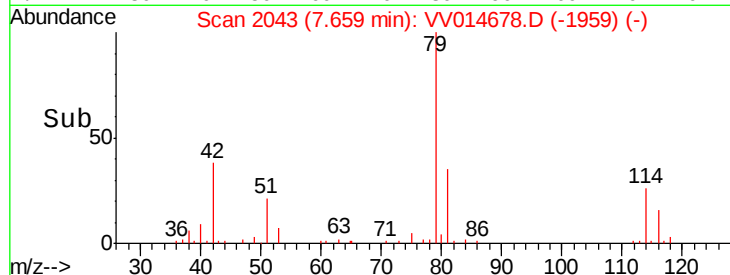
0

7.60

7.65

7.70

Time-->



#48

2-Hexanone

Concen: 6.285 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

Lab File: VV014678.D

Acq: 22 Feb 2020 01:25

Tgt Ion: 43 Resp: 7837

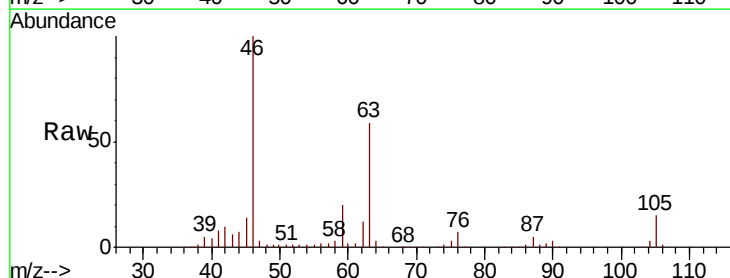
Ion Ratio Lower Upper

43 100

58 44.0 49.4 74.2#

57 24.4 17.8 26.8

100 0.0 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VV014667.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV014667.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV014667.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV014667.D (-2196) (-)

8.14

5000

4000

3000

2000

1000

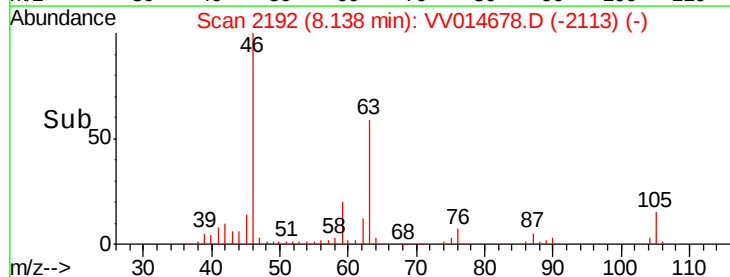
0

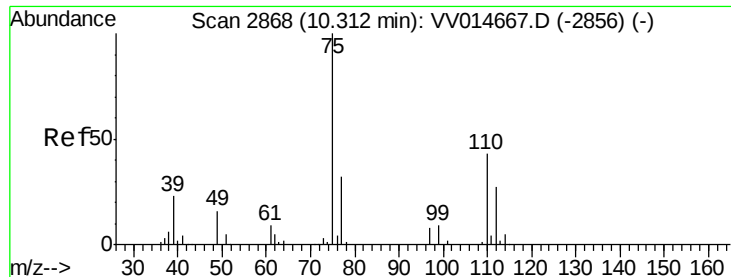
8.10

8.15

8.20

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.100 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014678.D

Acq: 22 Feb 2020 01:25

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 10592

Ion Ratio Lower Upper

75 100

77 38.4 25.7 38.5

