

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014687.D
 Acq On : 22 Feb 2020 04:54
 Operator : SY/MD
 Sample : L1607-18DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 04:39:57 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	217118	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	203315	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31456	37.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.20%
7) Chloroethane-d5	1.59	69	26561	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.44%
11) 1,1-Dichloroethene-d2	2.13	63	52867	33.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.90%
21) 2-Butanone-d5	3.96	46	76655	97.25	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.25%
24) Chloroform-d	4.40	84	128841	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
26) 1,2-Dichloroethane-d4	5.08	65	87050	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
32) Benzene-d6	5.10	84	250767	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	75363	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.06%
41) Toluene-d8	7.36	98	235187	45.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.76%
43) trans-1,3-Dichloropropene-	7.66	79	38760	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.18%
47) 2-Hexanone-d5	8.13	63	56833	90.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.37%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	104513	48.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.14%
64) 1,2-Dichlorobenzene-d4	11.67	152	94895	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

Target Compounds

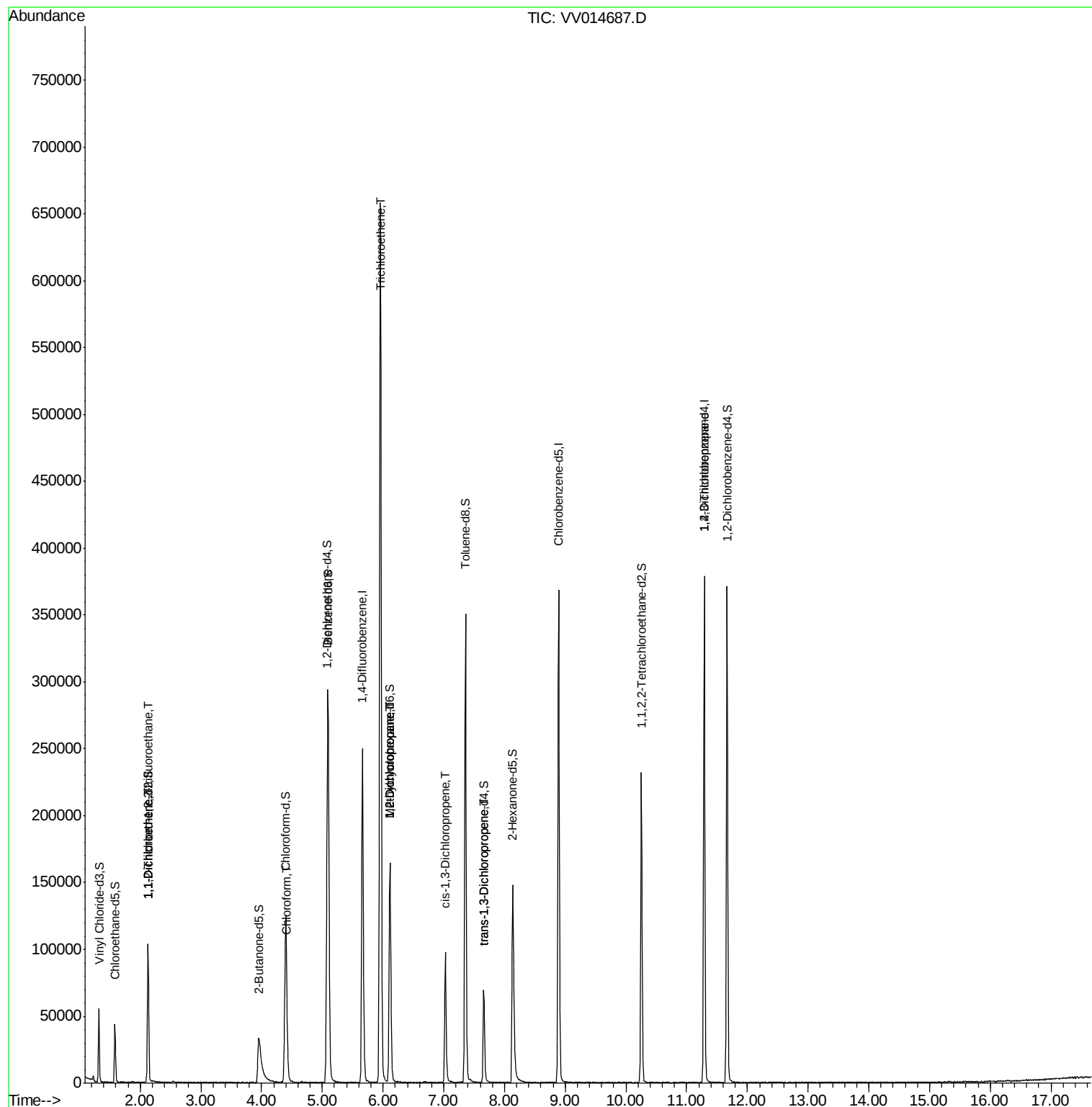
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	650	0.884	ug/L # 17
12) 1,1-Dichloroethene	2.13	96	638	0.964	ug/L # 1
25) Chloroform	4.42	83	4953	1.841	ug/L 100
34) Trichloroethene	5.96	95	227651	149.149	ug/L 99
35) Methylcyclohexane	6.11	83	19939	9.152	ug/L # 21
37) 1,2-Dichloropropane	6.11	63	9289	7.243	ug/L # 86
39) cis-1,3-Dichloropropene	7.02	75	2779	1.213	ug/L # 79
44) trans-1,3-Dichloropropene	7.66	75	2028	0.976	ug/L 89
59) 1,2,3-Trichloropropane	11.29	75	10421	6.006	ug/L # 83

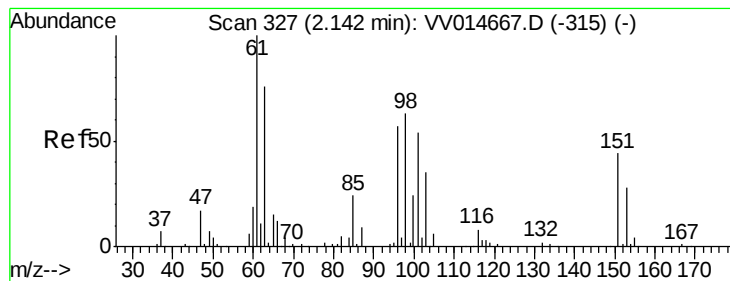
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.884 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014687.D

Acq: 22 Feb 2020 04:54

Instrument :

MSVOA_V

ClientSampleId :

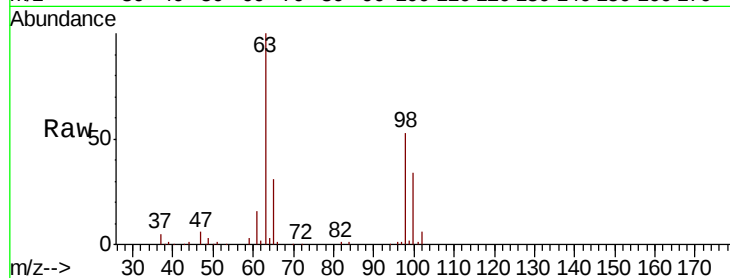
Tot Ion:101 Resp: 650

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

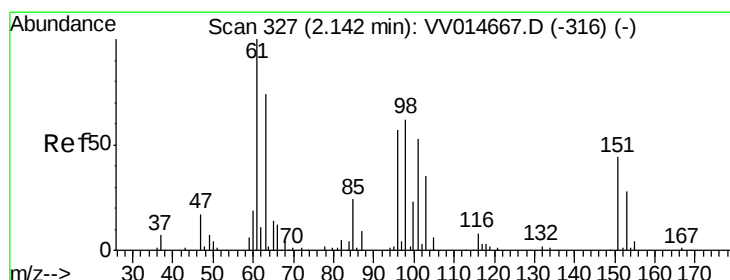
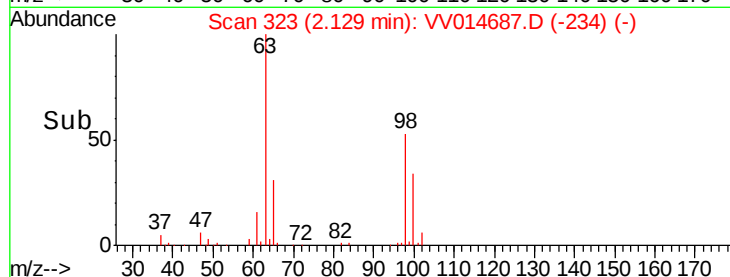
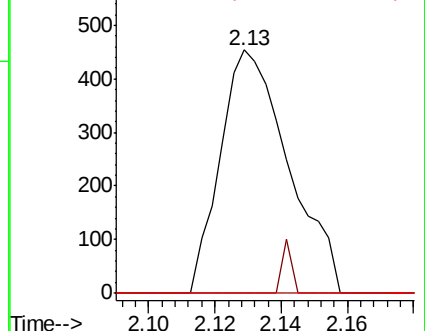
151 0.0 64.6 96.8#



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: 0.964 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV014687.D

Acq: 22 Feb 2020 04:54

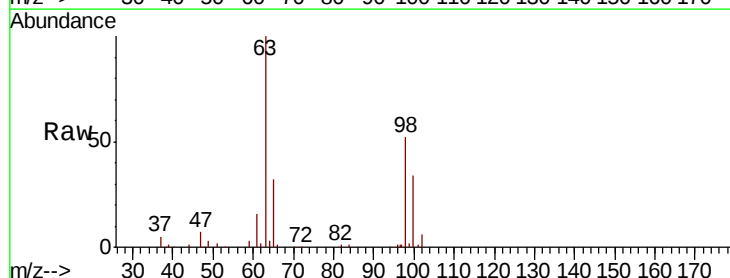
Tgt Ion: 96 Resp: 638

Ion Ratio Lower Upper

96 100

61 937.0 124.5 231.1#

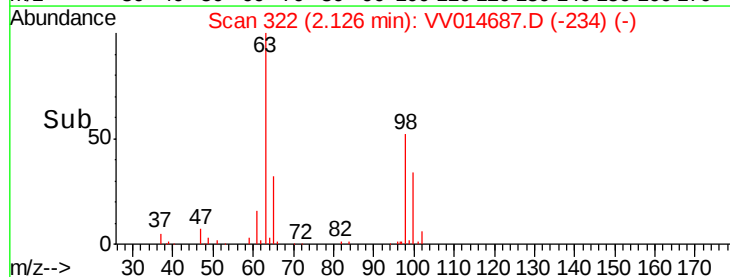
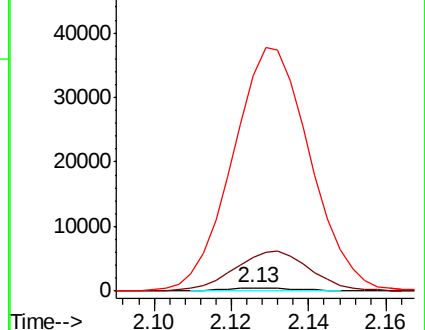
63 6021.7 98.1 182.1#

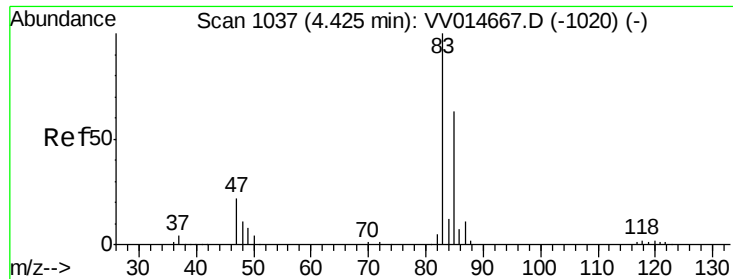


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

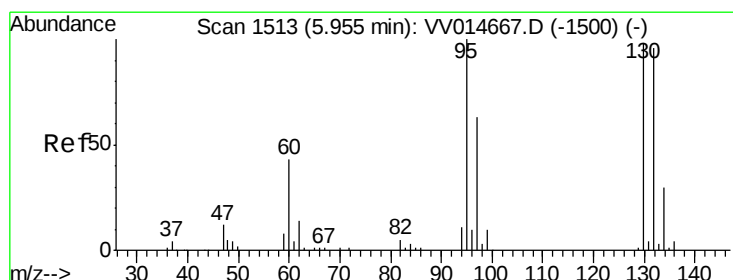
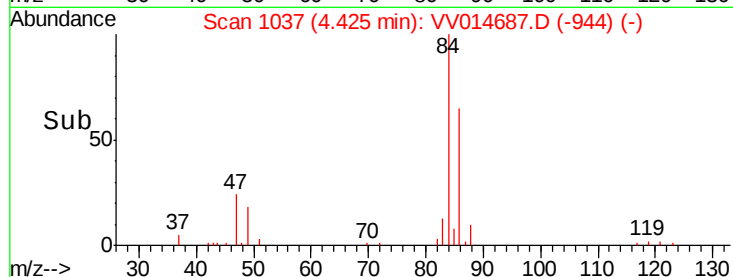
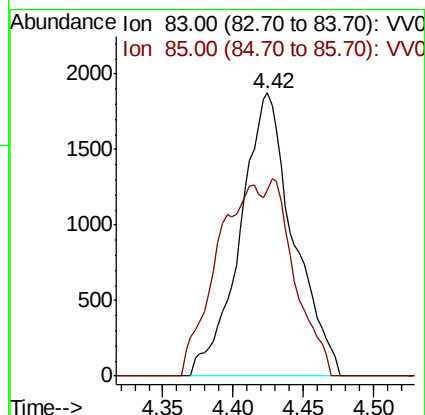
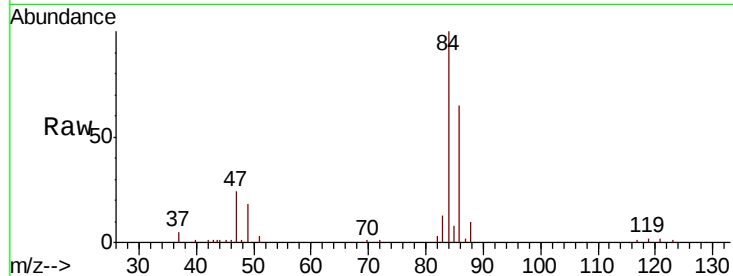




#25
Chloroform
Concen: 1.841 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV014687.D
Acq: 22 Feb 2020 04:54

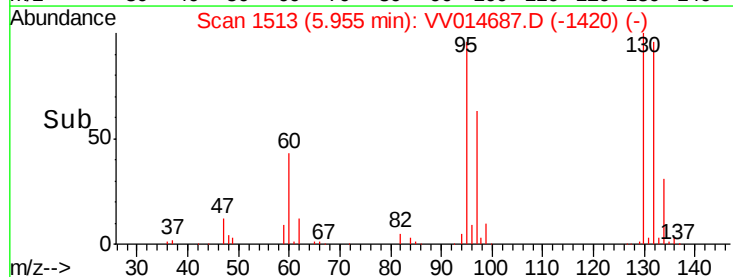
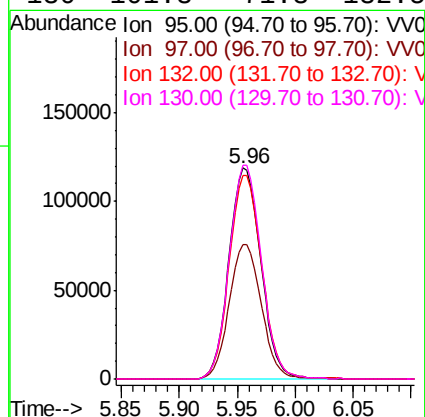
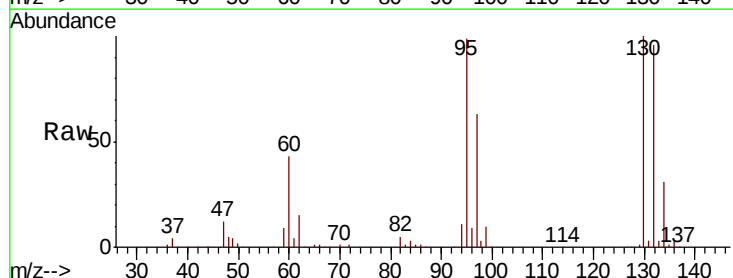
Instrument :
MSVOA_V
ClientSampleId :

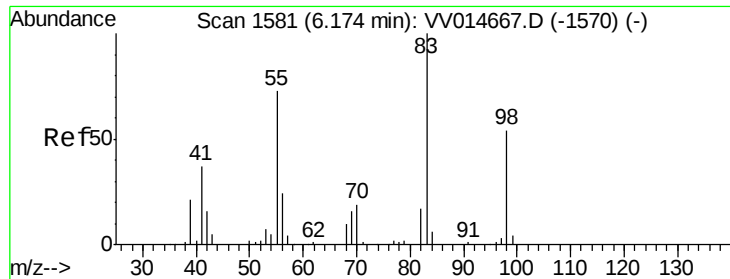
Tot Ion: 83 Resp: 4953
Ion Ratio Lower Upper
83 100
85 65.9 46.1 85.7



#34
Trichloroethene
Concen: 149.149 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV014687.D
Acq: 22 Feb 2020 04:54

Tgt Ion: 95 Resp: 227651
Ion Ratio Lower Upper
95 100
97 63.9 44.3 82.3
132 96.8 69.7 129.4
130 101.3 71.3 132.5

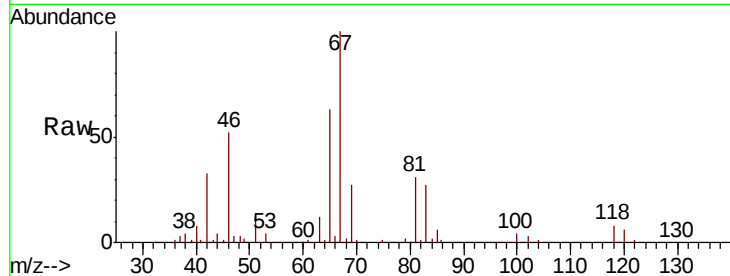




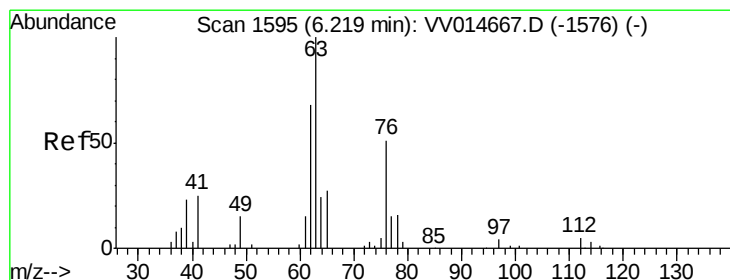
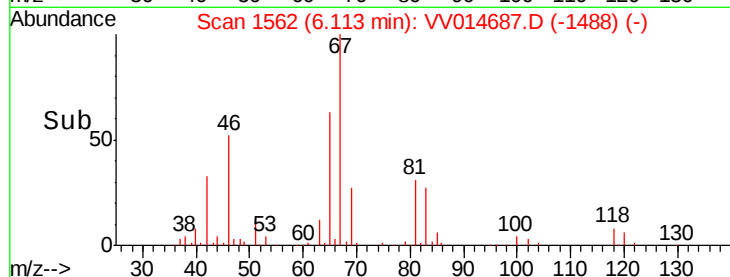
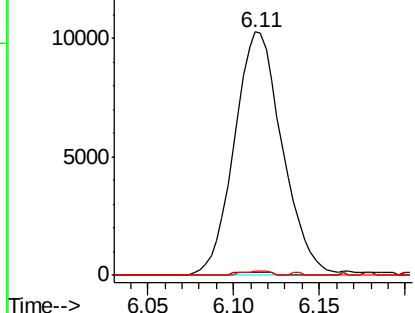
#35
Methvlcvclohexane
Concen: 9.152 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014687.D
Acq: 22 Feb 2020 04:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 19939
Ion Ratio Lower Upper
83 100
55 1.0 56.1 84.1#
98 1.0 40.4 60.6#

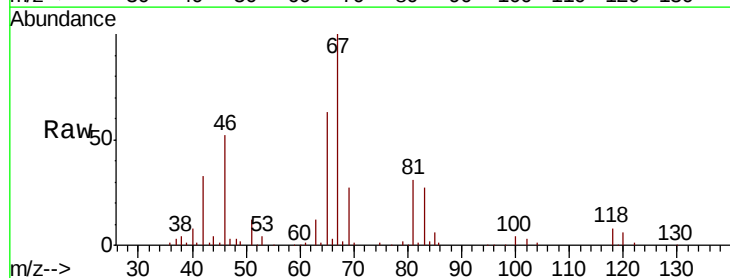


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

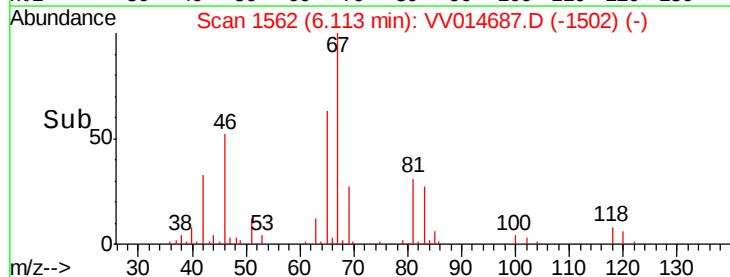
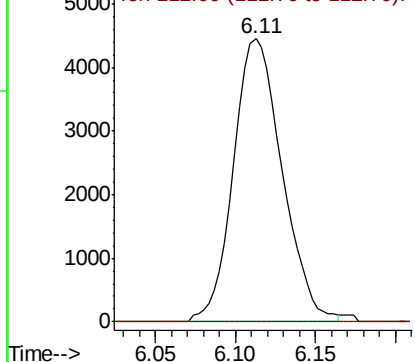


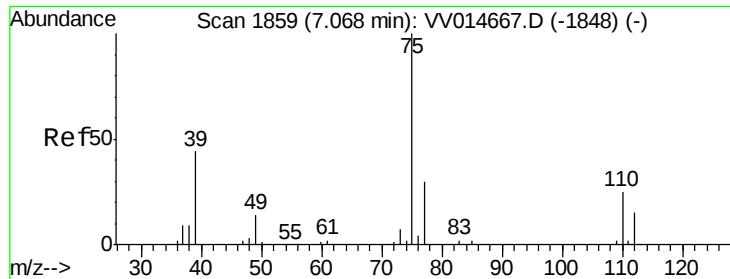
#37
1,2-Dichloropropane
Concen: 7.243 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV014687.D
Acq: 22 Feb 2020 04:54

Tgt Ion: 63 Resp: 9289
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

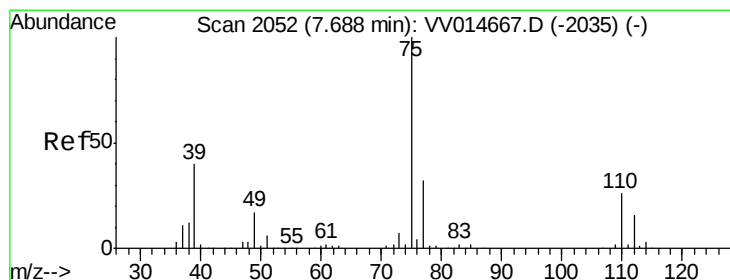
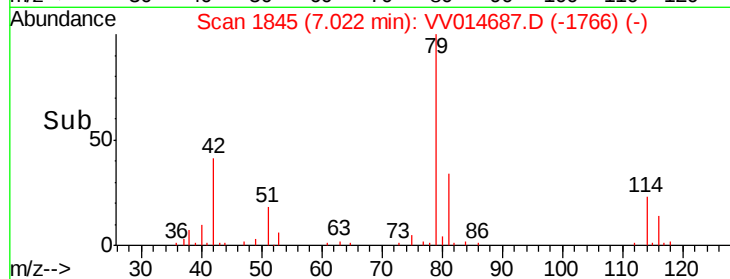
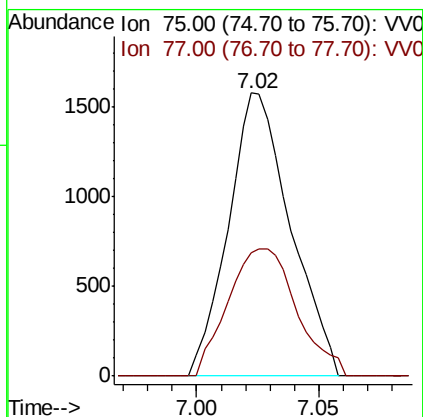
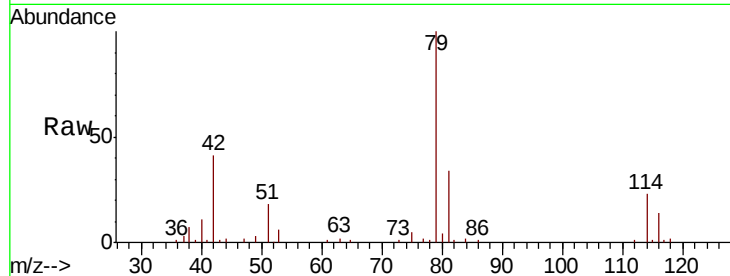




#39
 cis-1,3-Dichloropropene
 Concen: 1.213 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV014687.D
 Acq: 22 Feb 2020 04:54

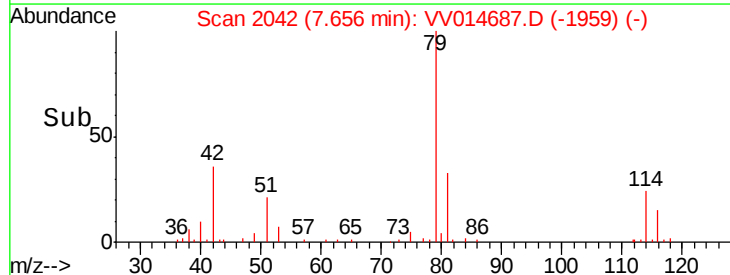
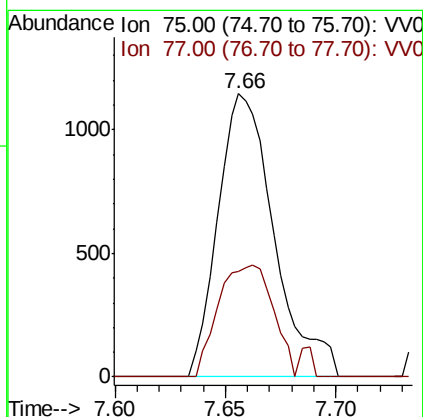
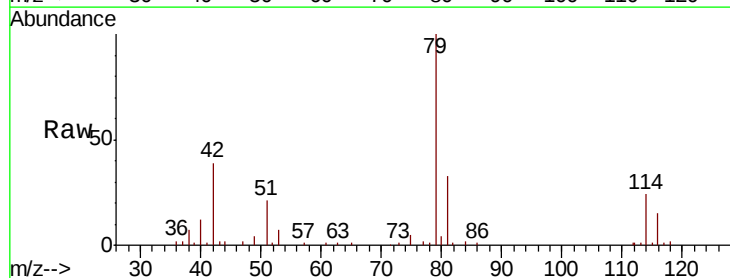
Instrument :
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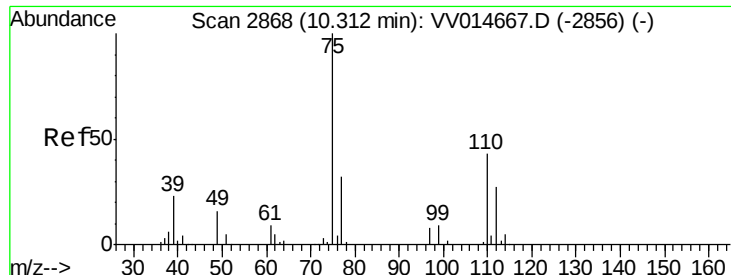
Tot Ion: 75 Resp: 2779
 Ion Ratio Lower Upper
 75 100
 77 43.6 22.4 41.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.976 ug/L
 RT: 7.66 min Scan# 2042
 Delta R.T. -0.03 min
 Lab File: VV014687.D
 Acq: 22 Feb 2020 04:54

Tgt Ion: 75 Resp: 2028
 Ion Ratio Lower Upper
 75 100
 77 37.2 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 6.006 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014687.D

Acq: 22 Feb 2020 04:54

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 10421

Ion Ratio Lower Upper

75 100

77 41.7 25.7 38.5#

