

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013700.D
 Acq On : 20 Nov 2019 19:56
 Operator : SY/MD
 Sample : K5911-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 00:55:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 00:51:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	300336	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	300391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	135398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133887	7.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	144.20%#
7) Chloroethane-d5	1.58	69	121765	7.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	147.00%#
11) 1,1-Dichloroethene-d2	2.13	63	186448	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.20%
20) 2-Butanone-d5	3.96	46	333834	77.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	155.62%#
24) Chloroform-d	4.40	84	275920	6.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.60%#
26) 1,2-Dichloroethane-d4	5.08	65	140653	7.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	142.80%#
32) Benzene-d6	5.09	84	556407	6.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	133.00%#
36) 1,2-Dichloropropane-d6	6.11	67	167288	6.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	135.20%
41) Toluene-d8	7.36	98	477019	6.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.60%
43) trans-1,3-Dichloropropene-	7.66	79	58252	6.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	122.40%
46) 2-Hexanone-d5	8.14	63	241356	66.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.96%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	121787	6.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	136.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	194381	7.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	149.20%#

Target Compounds

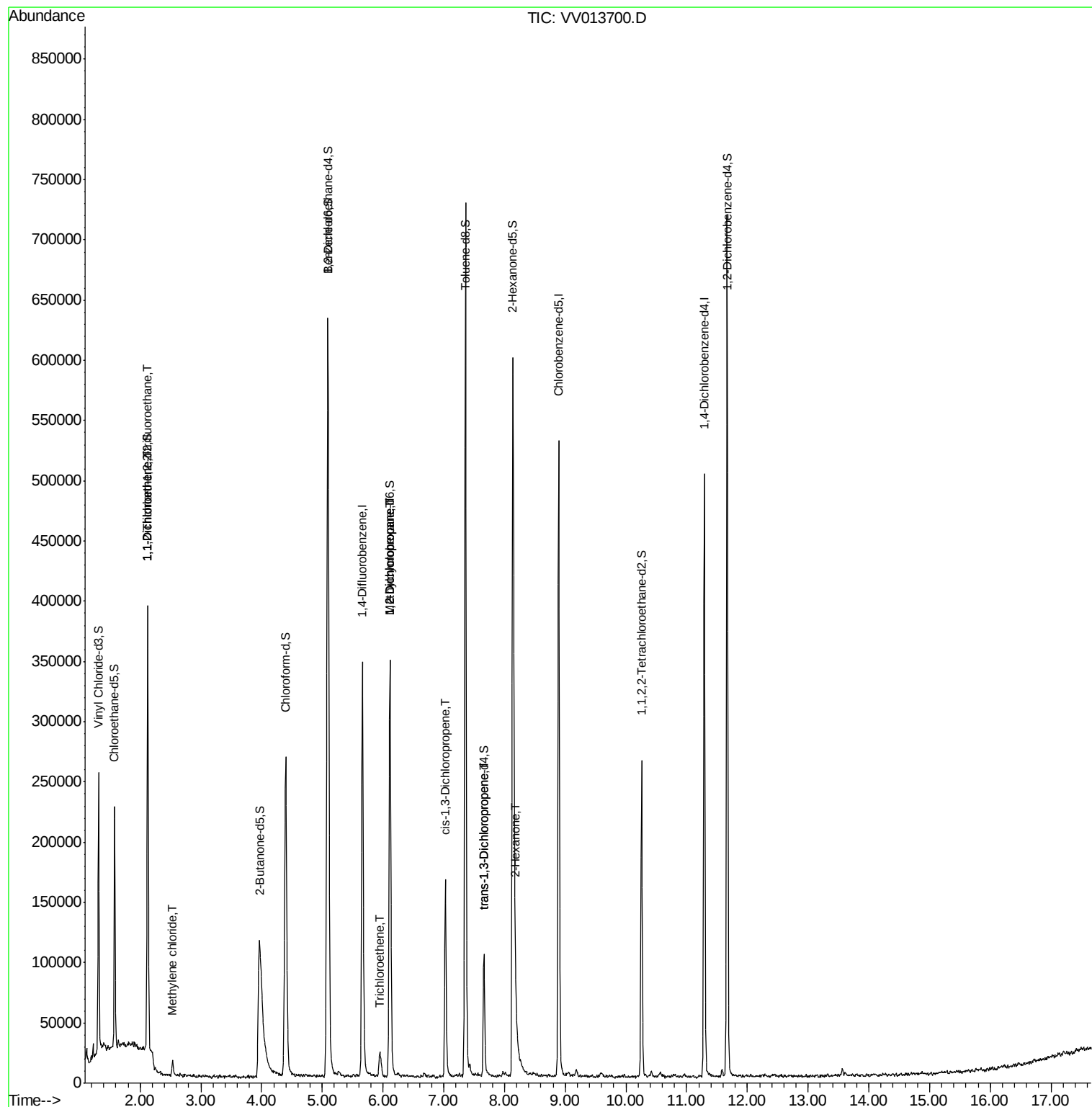
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2029	0.110 ug/L #	29
12) 1,1-Dichloroethene	2.12	96	3169	0.177 ug/L #	1
16) Methylene chloride	2.53	84	5160	0.207 ug/L	96
34) Trichloroethene	5.96	95	3012	0.124 ug/L	89
35) Methylcyclohexane	6.11	83	41880	1.128 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	18810	0.864 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	3976	0.127 ug/L #	62
44) trans-1,3-Dichloropropene	7.67	75	2378	0.096 ug/L #	81
48) 2-Hexanone	8.18	43	16487	1.835 ug/L #	76

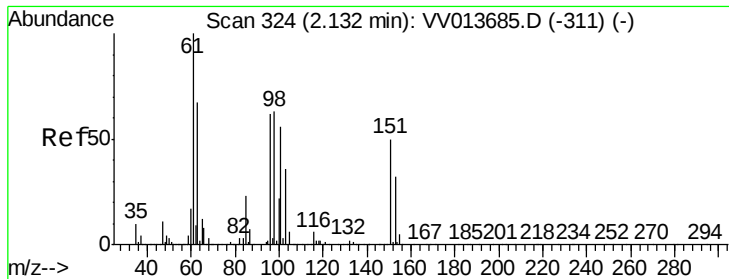
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.110 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013700.D

Acq: 20 Nov 2019 19:56

Instrument :

MSVOA_V

ClientSampleId :

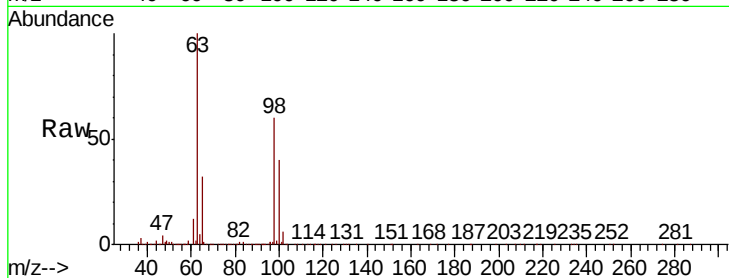
Tot Ion:101 Resp: 2029

Ion Ratio Lower Upper

101 100

85 12.1 32.0 48.0#

151 9.8 69.0 103.6#

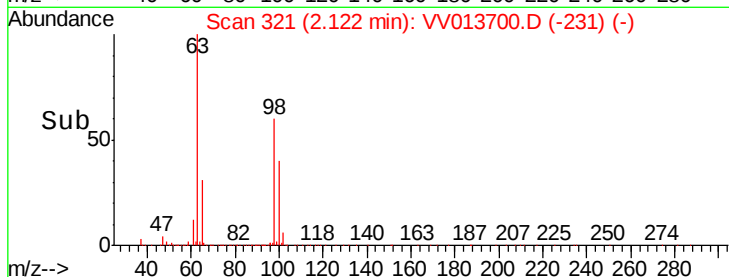


Abundance Ion 101.00 (100.70 to 101.70): VV013700.D (-231) (-)

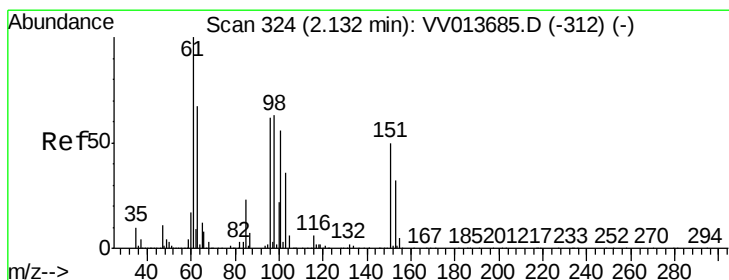
Ion 85.00 (84.70 to 85.70): VV013700.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV013700.D (-231) (-)

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 0.177 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013700.D

Acq: 20 Nov 2019 19:56

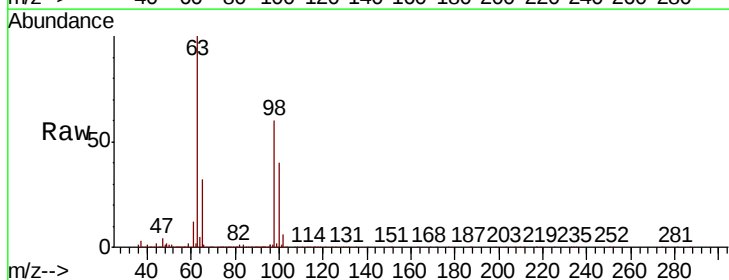
Tgt Ion: 96 Resp: 3169

Ion Ratio Lower Upper

96 100

61 735.9 112.5 208.9#

63 6019.9 76.9 142.7#

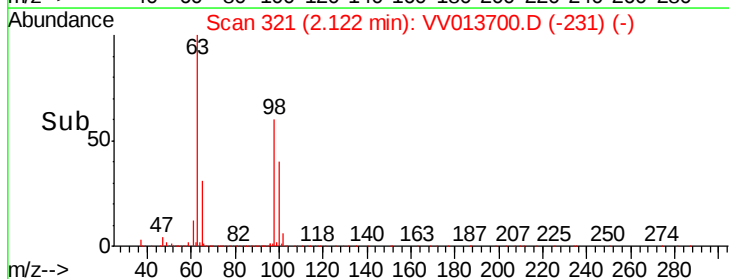


Abundance Ion 96.00 (95.70 to 96.70): VV013700.D (-231) (-)

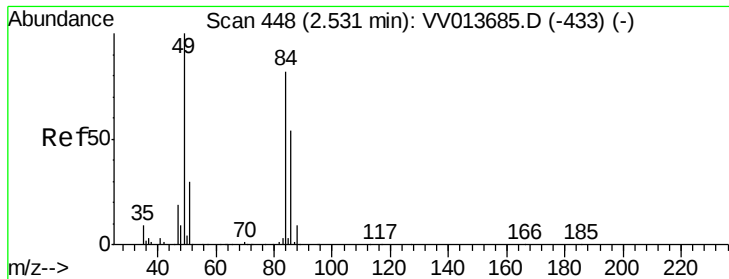
Ion 61.05 (60.75 to 61.75): VV013700.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV013700.D (-231) (-)

Time-->



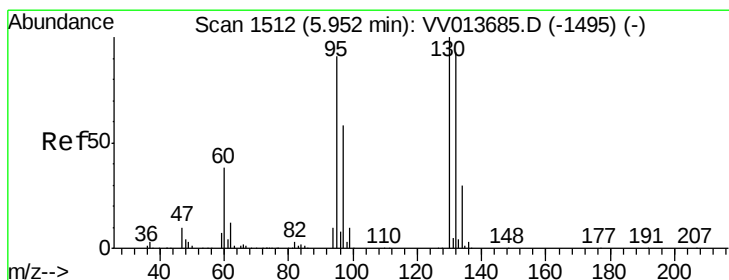
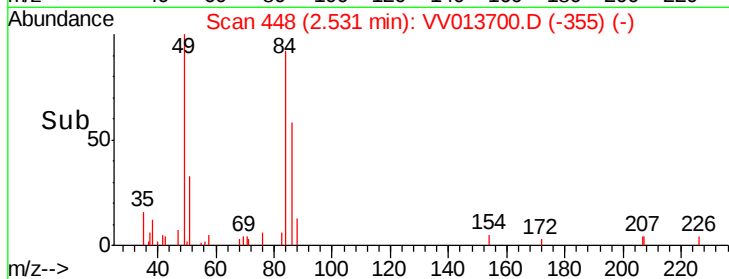
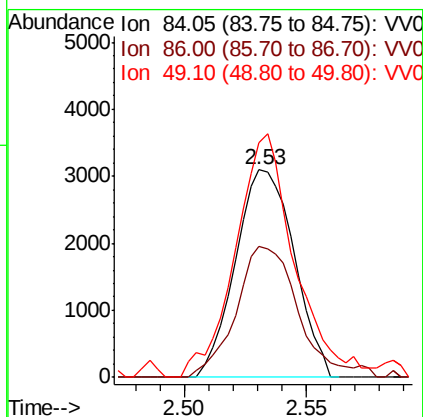
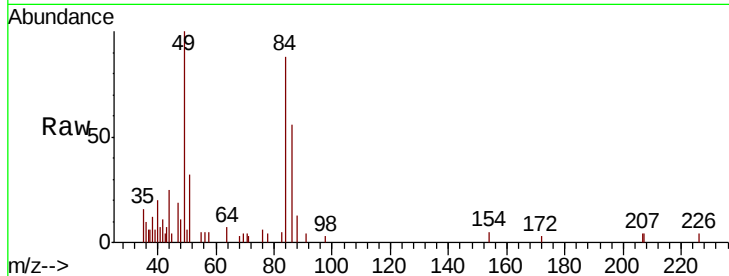
Time-->



#16
Methvlene chloride
Concen: 0.207 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013700.D
Acq: 20 Nov 2019 19:56

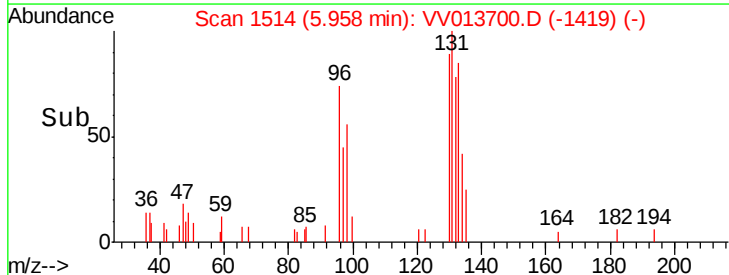
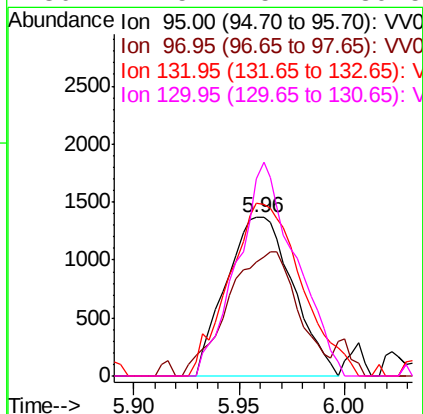
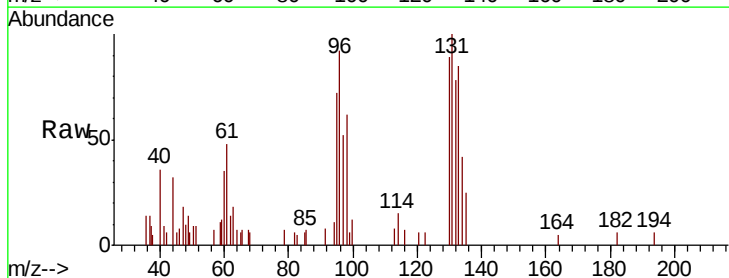
Instrument :
MSVOA_V
ClientSampleId :

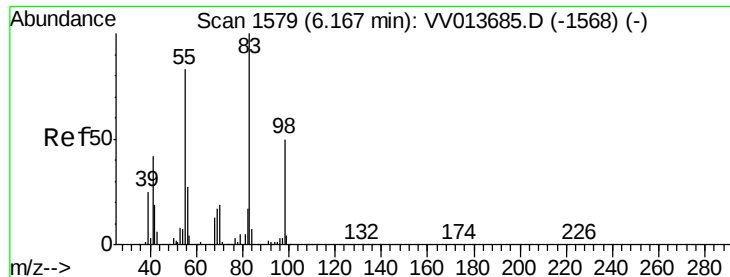
Tot Ion: 84 Resp: 5160
Ion Ratio Lower Upper
84 100
86 63.3 44.1 81.9
49 113.1 83.4 155.0



#34
Trichloroethene
Concen: 0.124 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VV013700.D
Acq: 20 Nov 2019 19:56

Tgt Ion: 95 Resp: 3012
Ion Ratio Lower Upper
95 100
97 72.0 44.8 83.2
132 108.8 72.9 135.3
130 124.5 75.1 139.5

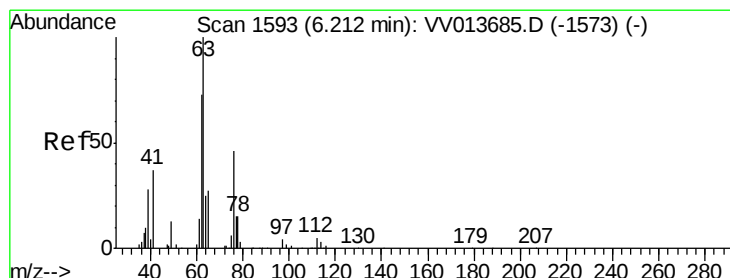
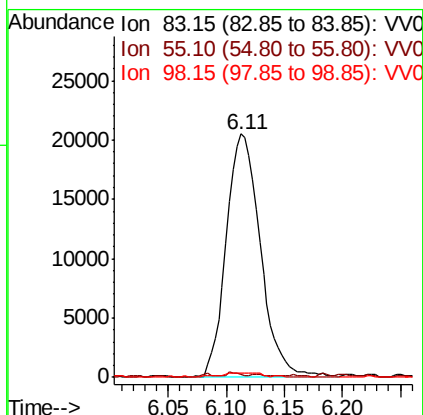
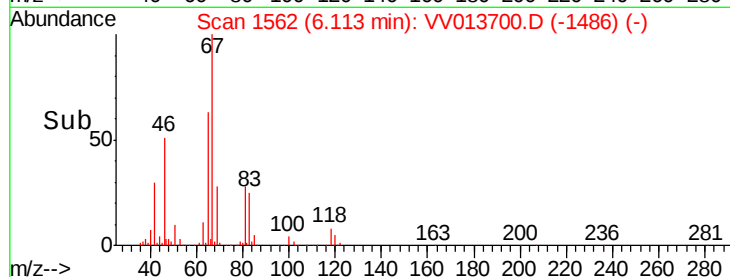
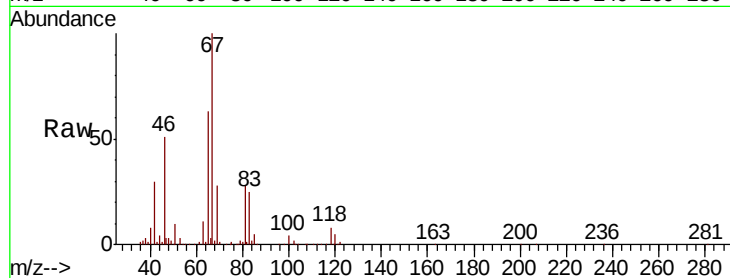




#35
Methvlcvclohexane
Concen: 1.128 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV013700.D
Acq: 20 Nov 2019 19:56

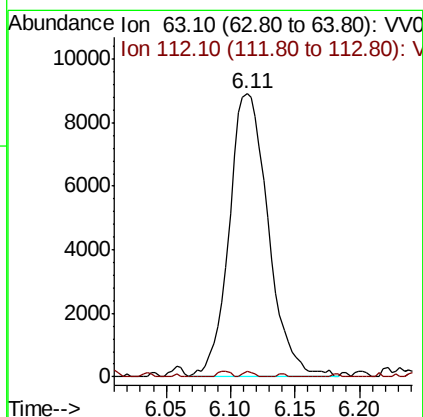
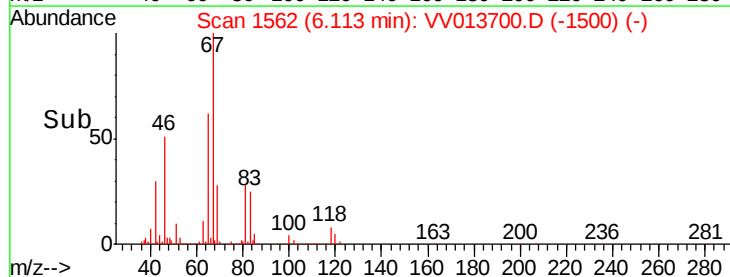
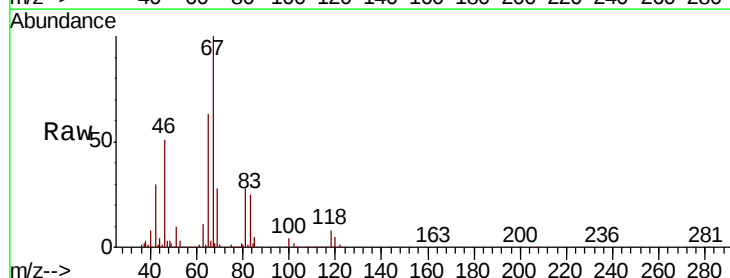
Instrument :
MSVOA_V
ClientSampled :

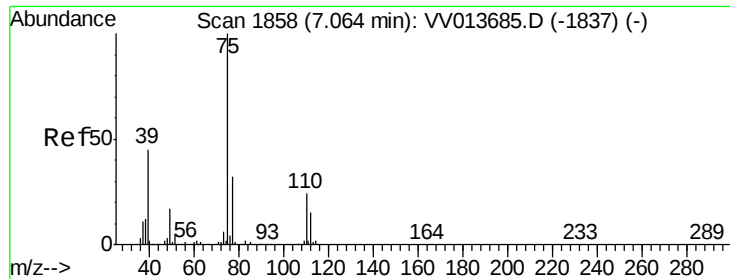
Tot Ion: 83 Resp: 41880
Ion Ratio Lower Upper
83 100
55 0.5 64.1 96.1#
98 1.5 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.864 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013700.D
Acq: 20 Nov 2019 19:56

Tgt Ion: 63 Resp: 18810
Ion Ratio Lower Upper
63 100
112 0.5 4.1 6.1#



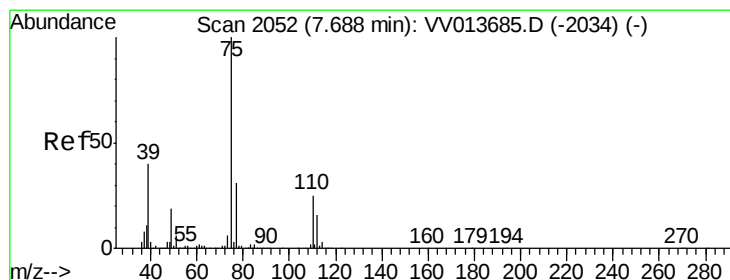
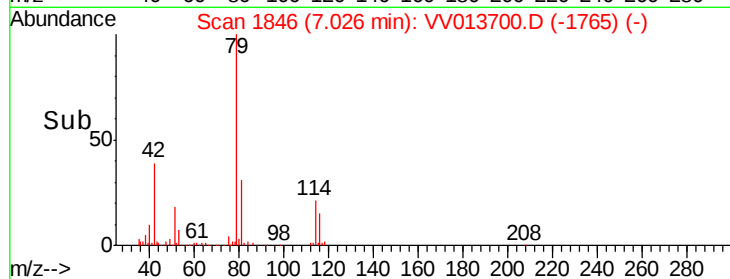
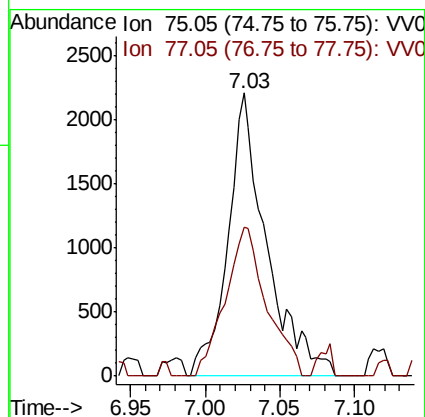
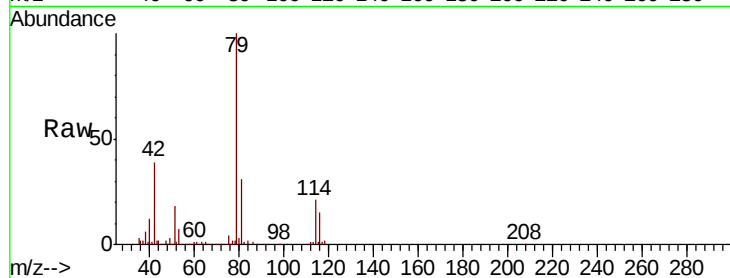


#39

cis-1,3-Dichloropropene
Concen: 0.127 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV013700.D
Acq: 20 Nov 2019 19:56

Instrument :
MSVOA_V
ClientSampleId :

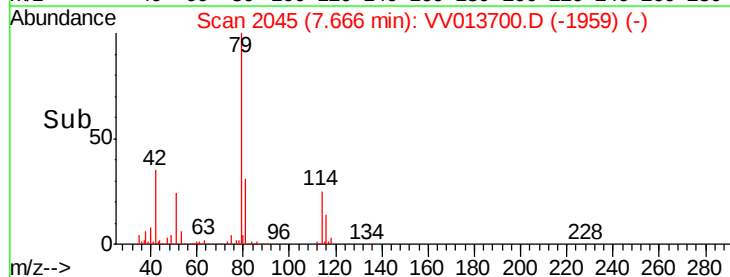
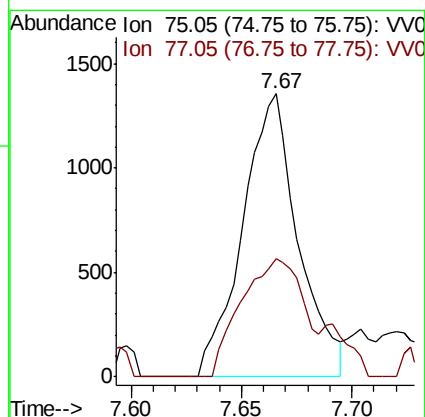
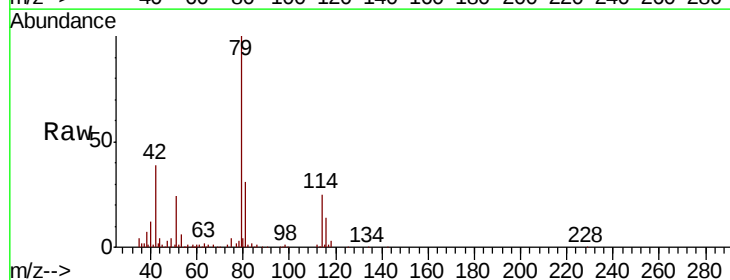
Tot Ion: 75 Resp: 3976
Ion Ratio Lower Upper
75 100
77 52.5 22.0 40.8#

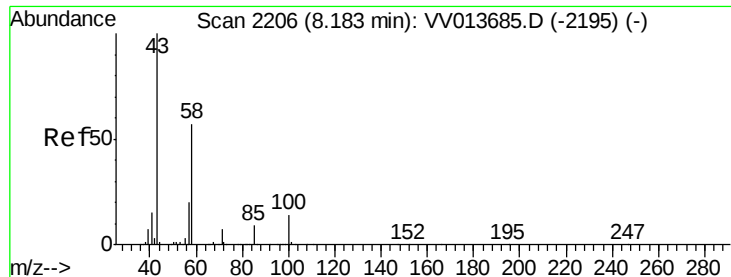


#44

trans-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.02 min
Lab File: VV013700.D
Acq: 20 Nov 2019 19:56

Tgt Ion: 75 Resp: 2378
Ion Ratio Lower Upper
75 100
77 41.5 21.6 40.2#

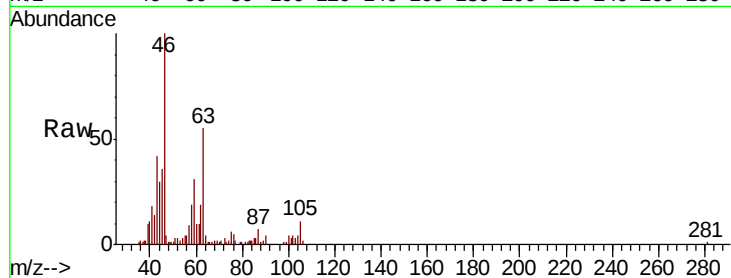




#48
 2-Hexanone
 Concen: 1.835 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: VV013700.D
 Acq: 20 Nov 2019 19:56

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	16487
Ion	Ratio	Lower	Upper
43	100		
58	38.1	43.0	64.6#
57	0.0	15.4	23.2#
100	10.1	10.1	15.1



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0

