

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013630.D
 Acq On : 14 Nov 2019 19:15
 Operator : SY/MD
 Sample : K5856-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 15 02:45:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	331271	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	339471	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	144977	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102780	4.83	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	89450	5.27	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	134563	3.69	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.92	46	205400	53.90	ug/L	-0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.80%
24) Chloroform-d	4.40	84	209651	5.74	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	5.08	65	105612	5.93	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.60%
32) Benzene-d6	5.10	84	405483	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.11	67	127530	4.54	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	329138	3.97	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.66	79	42368	4.06	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.13	63	169259	40.64	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91301	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	135106	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

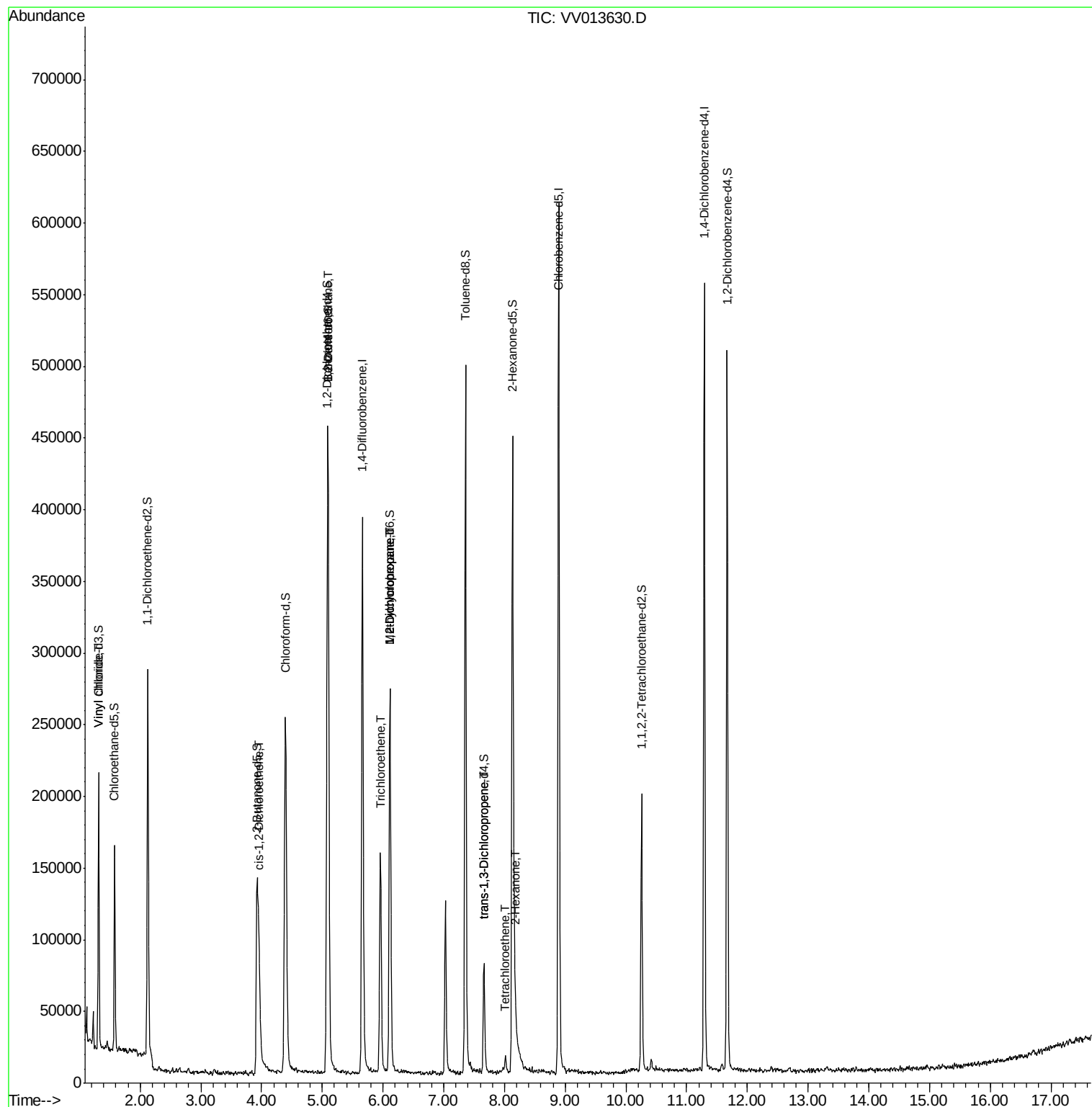
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4021	0.148	ug/L #	51
22) cis-1,2-Dichloroethene	3.96	96	27969	1.237	ug/L #	99
27) 1,2-Dichloroethane	5.09	62	2329	0.092	ug/L	95
34) Trichloroethene	5.96	95	51187	1.839	ug/L	98
35) Methylcyclohexane	6.11	83	31628	0.782	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	13007	0.508	ug/L #	100
44) trans-1,3-Dichloropropene	7.66	75	2115	0.078	ug/L	90
47) Tetrachloroethene	8.01	164	2863	0.113	ug/L	95
48) 2-Hexanone	8.18	43	8949	0.888	ug/L #	81

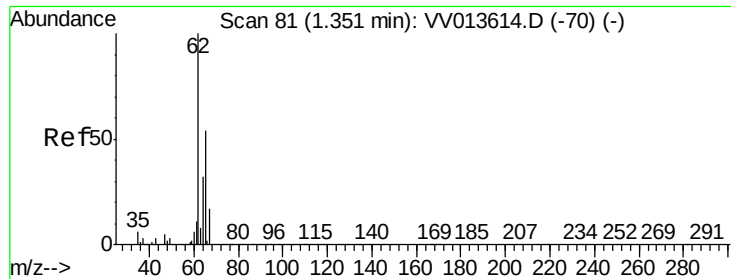
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.148 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.03 min

Lab File: VV013630.D

Acq: 14 Nov 2019 19:15

Instrument :

MSVOA_V

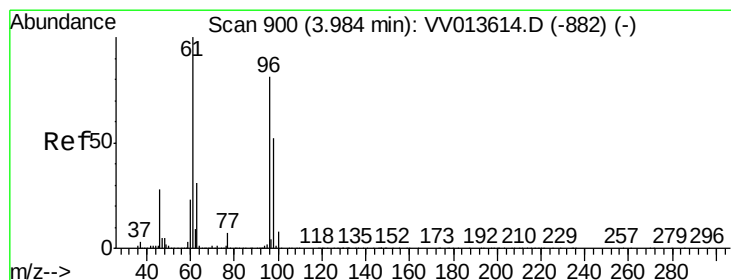
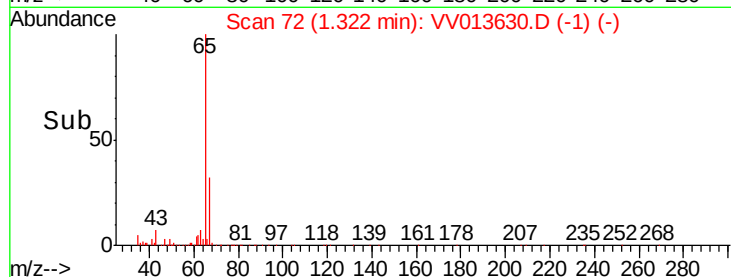
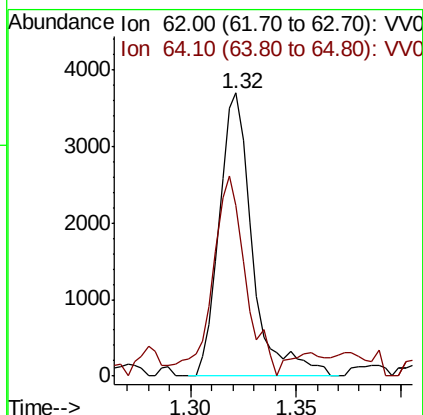
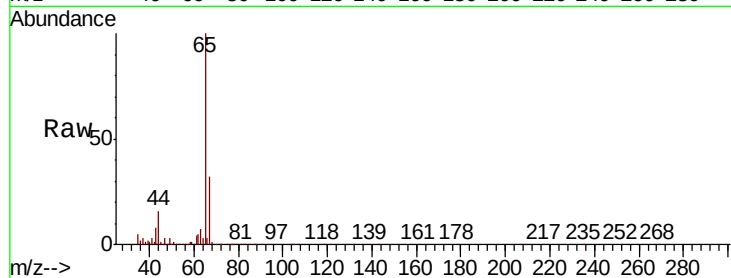
ClientSampleId :

Tot Ion: 62 Resp: 4021

Ion Ratio Lower Upper

62 100

64 60.3 23.0 42.8#



#22

cis-1,2-Dichloroethene

Concen: 1.237 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.03 min

Lab File: VV013630.D

Acq: 14 Nov 2019 19:15

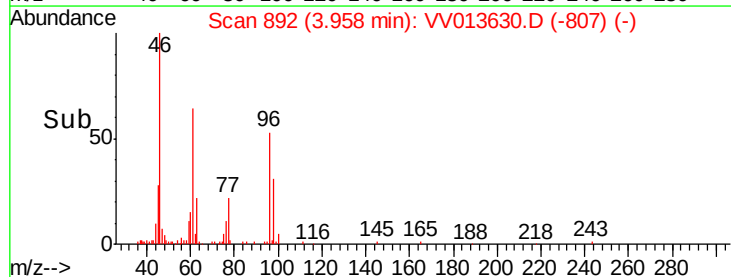
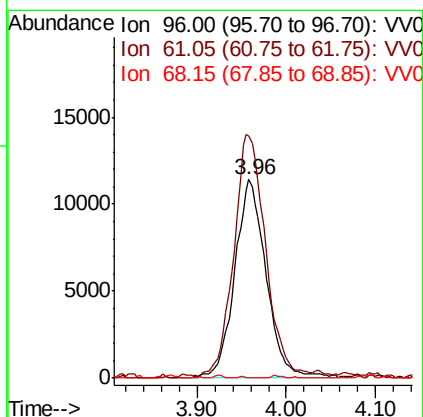
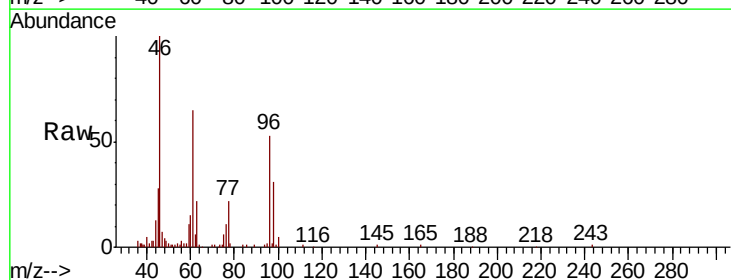
Tgt Ion: 96 Resp: 27969

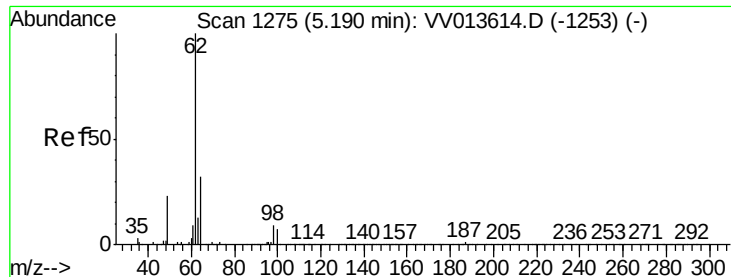
Ion Ratio Lower Upper

96 100

61 122.2 84.7 157.3

68 0.0 0.3 0.7#

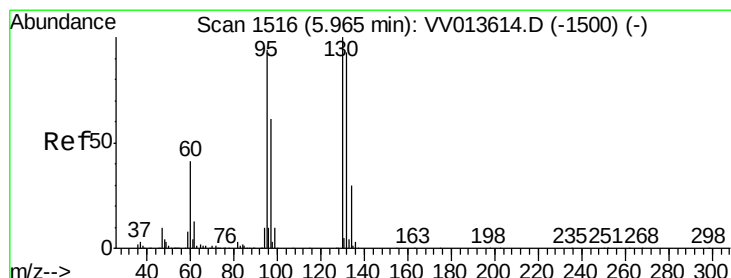
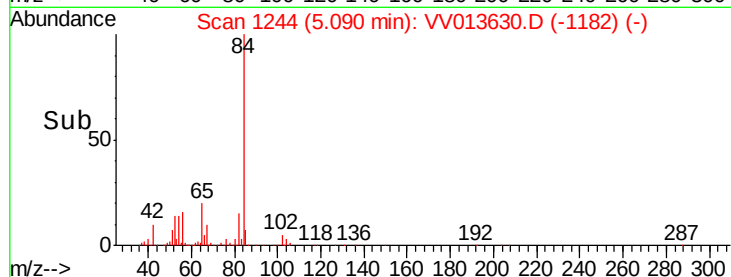
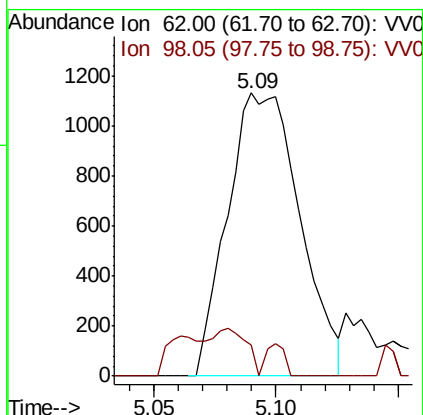
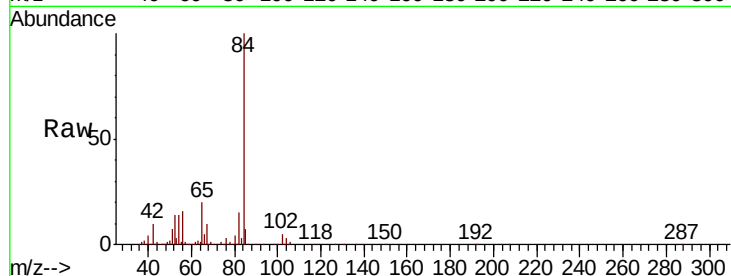




#27
 1,2-Dichloroethane
 Concen: 0.092 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VV013630.D
 Acq: 14 Nov 2019 19:15

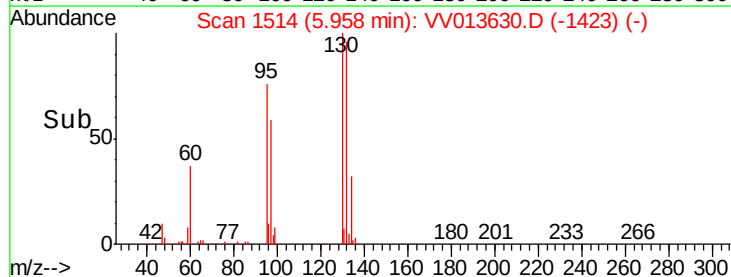
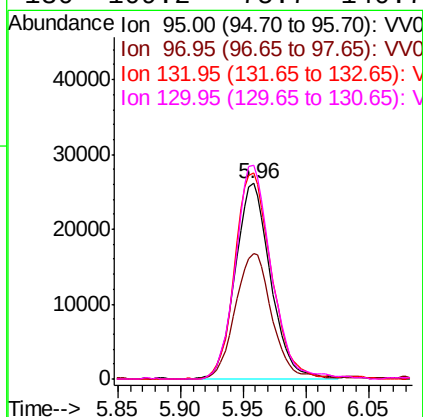
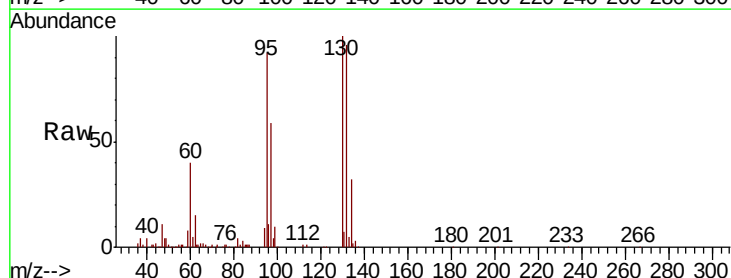
Instrument :
 MSVOA_V
 ClientSampleId :

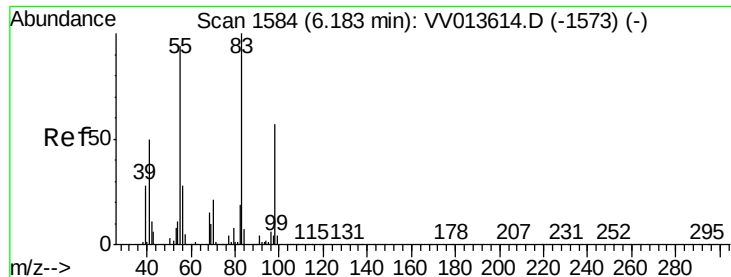
Tot Ion: 62 Resp: 2329
 Ion Ratio Lower Upper
 62 100
 98 11.1 7.4 11.2



#34
 Trichloroethene
 Concen: 1.839 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: VV013630.D
 Acq: 14 Nov 2019 19:15

Tgt Ion: 95 Resp: 51187
 Ion Ratio Lower Upper
 95 100
 97 64.3 47.0 87.4
 132 105.1 72.2 134.0
 130 109.2 75.7 140.7





#35

Methylcyclohexane

Concen: 0.782 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.07 min

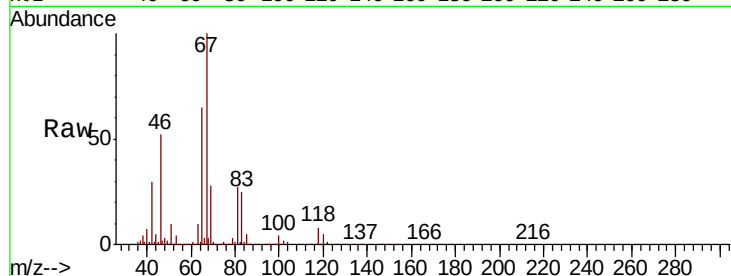
Lab File: VV013630.D

Acq: 14 Nov 2019 19:15

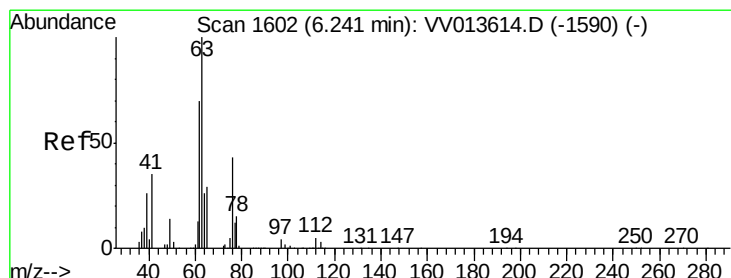
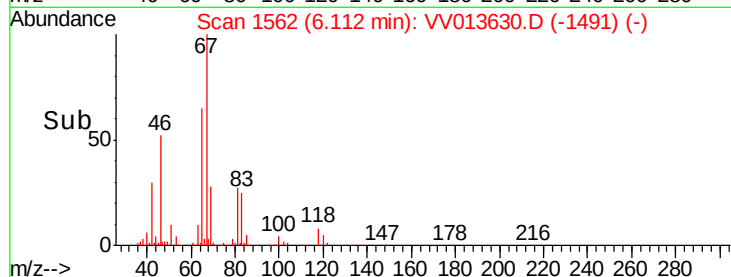
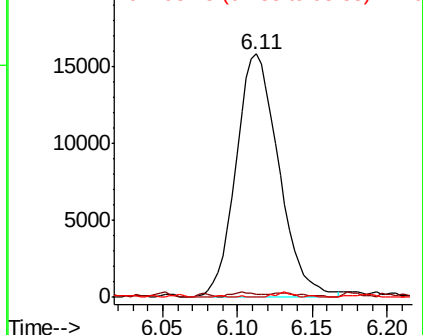
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 31628

Ion	Ratio	Lower	Upper
83	100		
55	1.2	67.0	100.4#
98	0.0	38.5	57.7#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.508 ug/L

RT: 6.11 min Scan# 1562

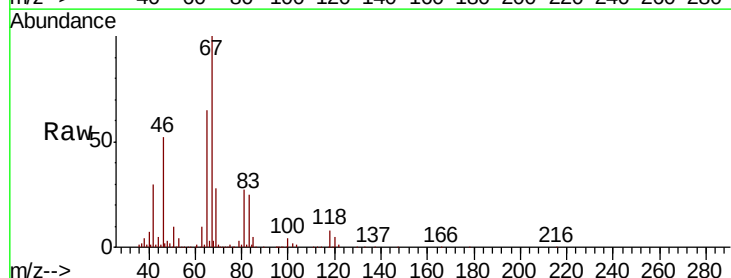
Delta R.T. -0.13 min

Lab File: VV013630.D

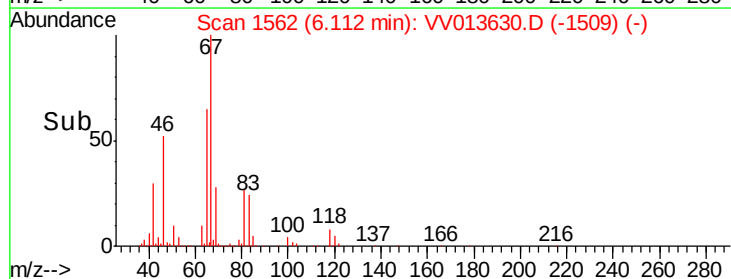
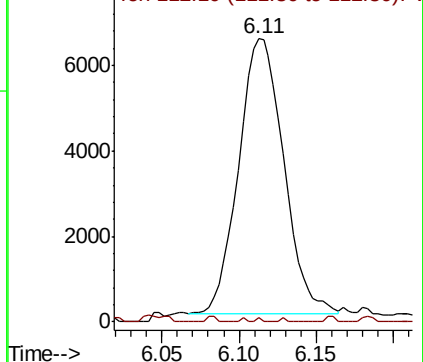
Acq: 14 Nov 2019 19:15

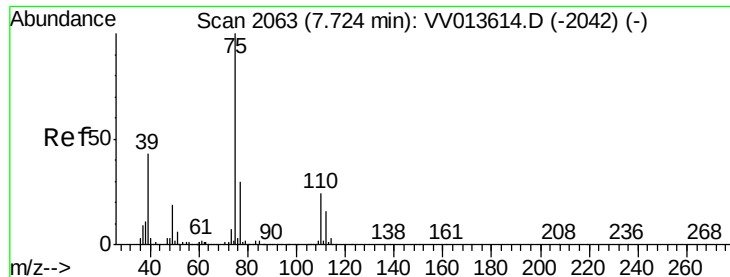
Tgt Ion: 63 Resp: 13007

Ion	Ratio	Lower	Upper
63	100		
112	0.2	0.2	0.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.07 min

Lab File: VV013630.D

Acq: 14 Nov 2019 19:15

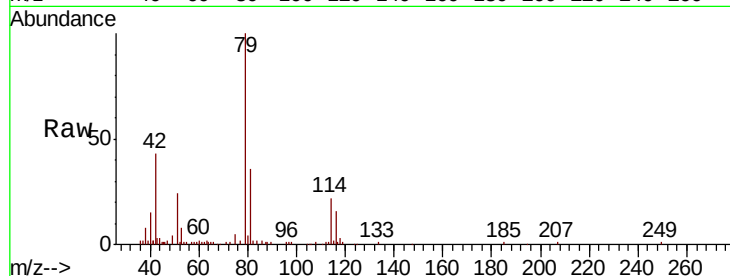
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 2115

Ion Ratio Lower Upper

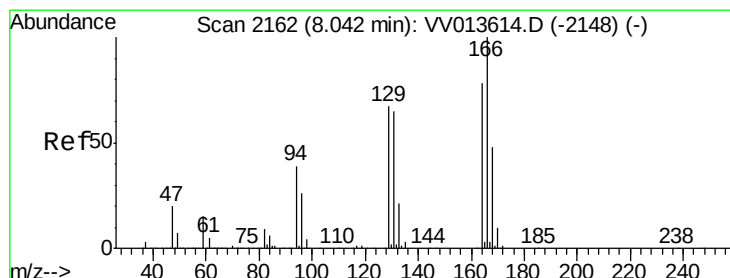
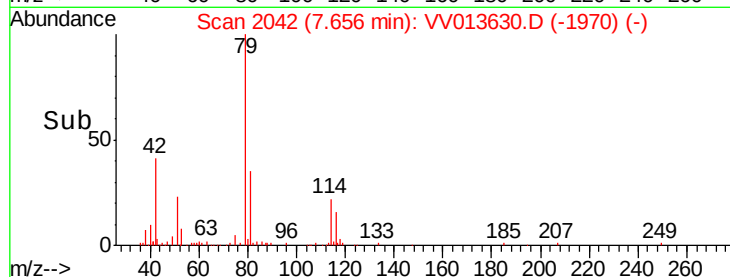
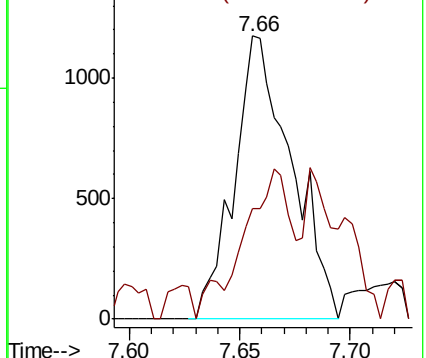
75 100

77 39.0 23.2 43.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 0.113 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.03 min

Lab File: VV013630.D

Acq: 14 Nov 2019 19:15

Tgt Ion:164 Resp: 2863

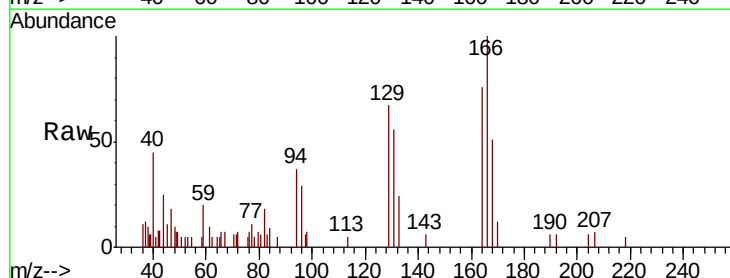
Ion Ratio Lower Upper

164 100

129 87.5 61.6 114.4

131 74.1 59.0 109.6

166 131.4 87.9 163.3

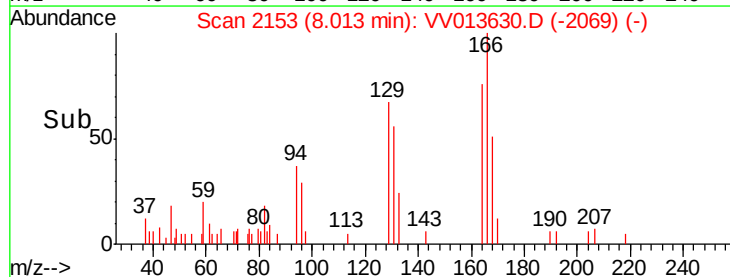
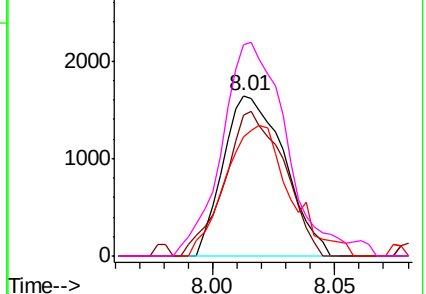


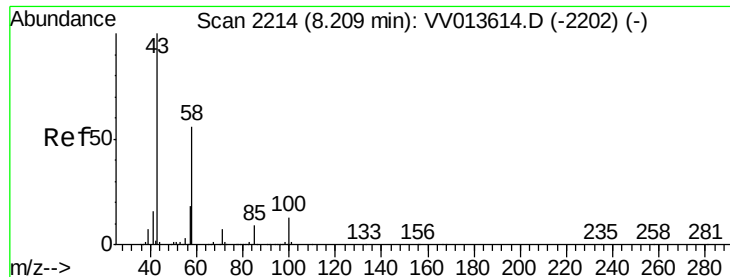
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#48

2-Hexanone

Concen: 0.888 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.03 min

Lab File: VV013630.D

Acq: 14 Nov 2019 19:15

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8949

Ion Ratio Lower Upper

43 100

58 42.2 45.1 67.7#

57 6.4 14.6 21.8#

100 9.9 10.2 15.2#

