

Data File : VV009628.D
Acq On : 13 Mar 2019 00:59
Operator : SY/MD
Sample : K1838-03
Misc : 5.47g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0S4

Quant Time: Mar 13 02:25:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 13 02:20:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	172011	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40627	39.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.82%
7) Chloroethane-d5	1.55	69	24767	23.37	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.74%#
11) 1,1-Dichloroethene-d2	2.10	63	86823	32.33	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.66%
21) 2-Butanone-d5	3.95	46	68406	90.93	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.93%
24) Chloroform-d	4.40	84	99658	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
26) 1,2-Dichloroethane-d4	5.08	65	68509	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
32) Benzene-d6	5.09	84	203442	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
36) 1,2-Dichloropropane-d6	6.12	67	63397	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.36	98	200107	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%
43) trans-1,3-Dichloropropene-	7.67	79	30924	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.46%
47) 2-Hexanone-d5	8.14	63	55872	93.31	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.31%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	96588	43.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	74879	45.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.26%

Target Compounds

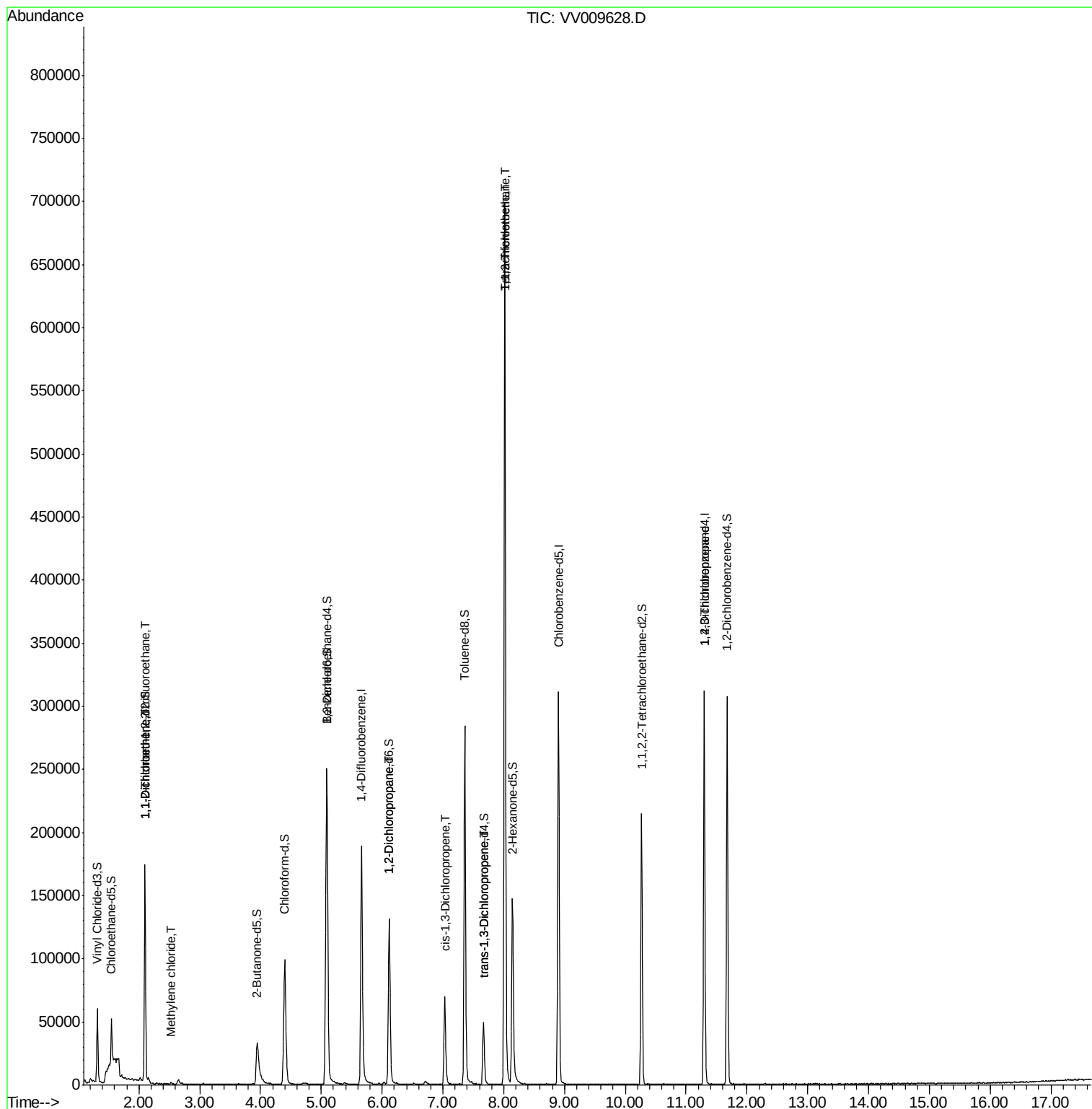
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	960	0.737	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	1001	0.898	ug/L #	1
16) Methylene chloride	2.53	84	634	0.585	ug/L	91
37) 1,2-Dichloropropane	6.12	63	7617	6.762	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2515	1.401	ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	976	0.579	ug/L	86
45) 1,1,2-Trichloroethane	8.02	97	1482	1.276	ug/L #	1
46) Tetrachloroethene	8.02	164	145175	156.553	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	10603	6.942	ug/L	93

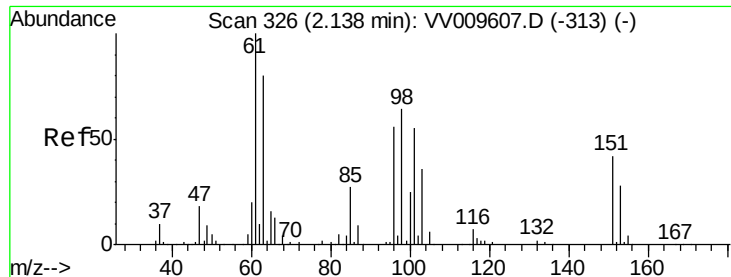
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.737 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.04 min

Lab File: VV009628.D

Acq: 13 Mar 2019 00:59

Instrument :

MSVOA_V

ClientSampleId :

BF0S4

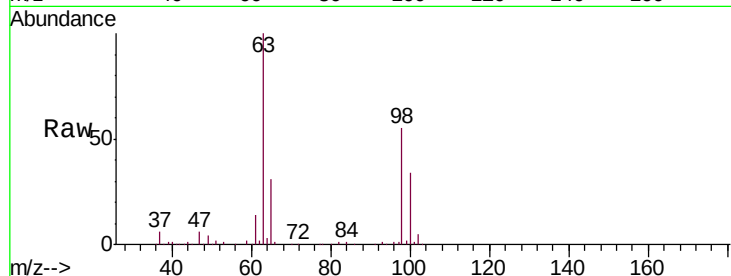
Tgt Ion: 101 Resp: 960

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

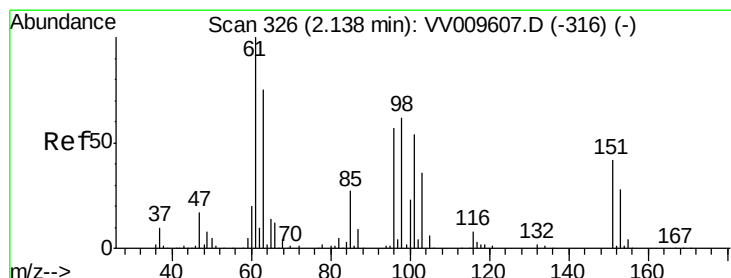
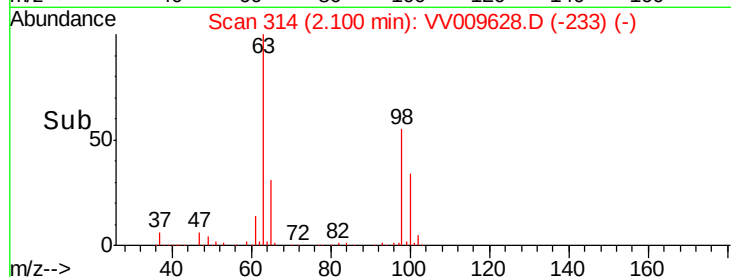
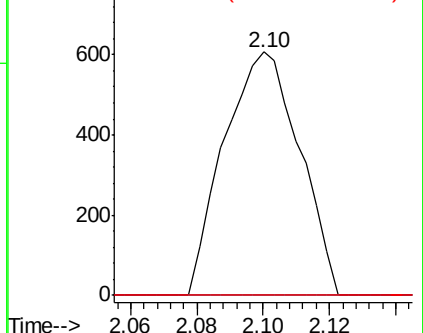
151 0.0 59.6 89.4#



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: 0.898 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.04 min

Lab File: VV009628.D

Acq: 13 Mar 2019 00:59

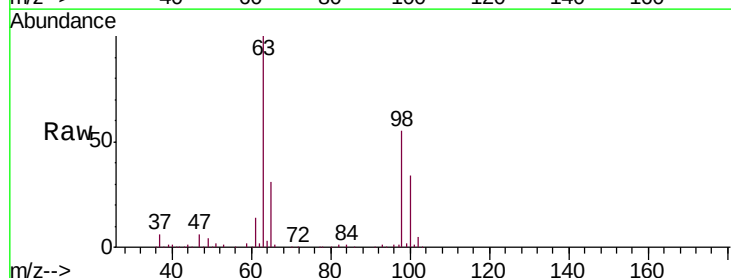
Tgt Ion: 96 Resp: 1001

Ion Ratio Lower Upper

96 100

61 1402.8 122.1 226.7#

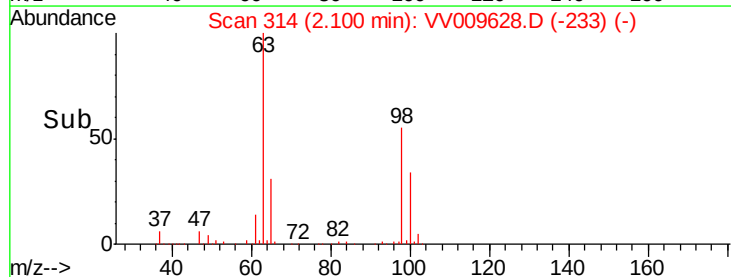
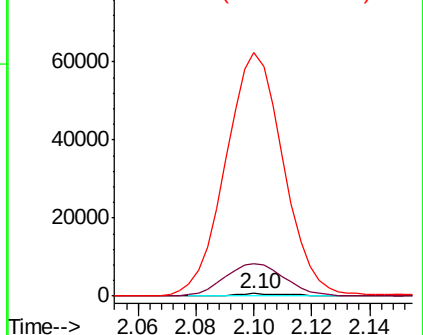
63 10380.0 107.6 199.8#

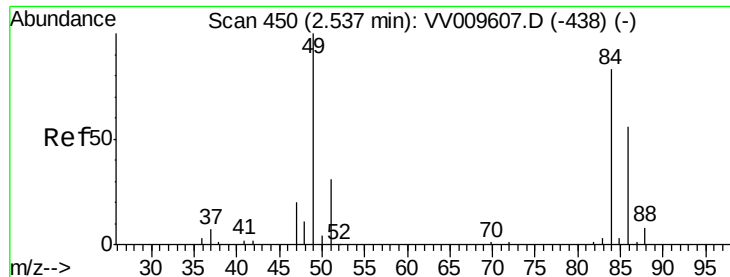


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

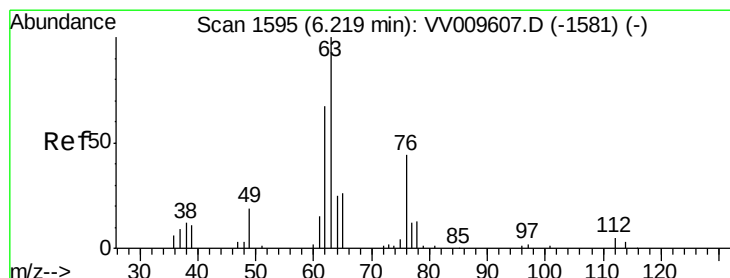
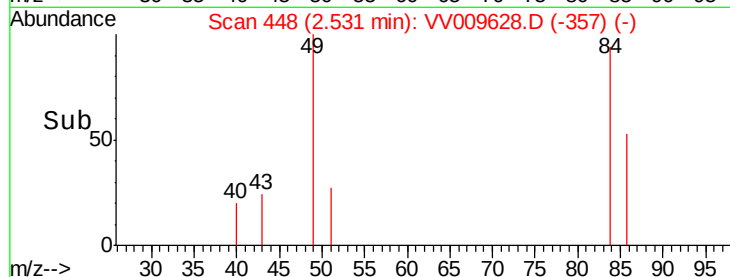
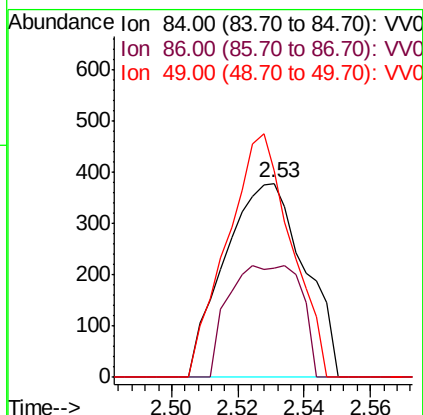
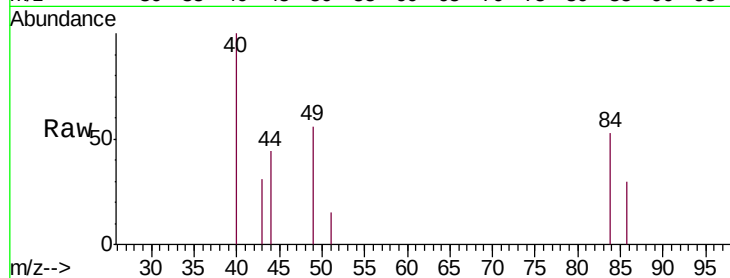




#16
Methylene chloride
Concen: 0.585 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV009628.D
Acq: 13 Mar 2019 00:59

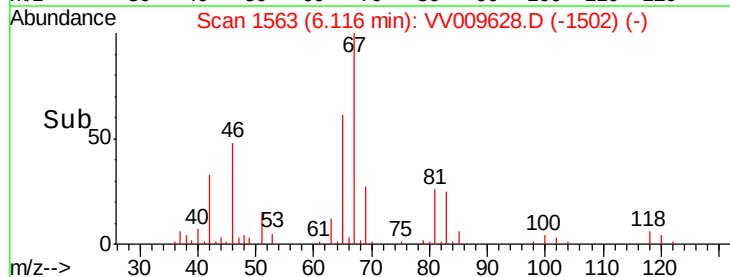
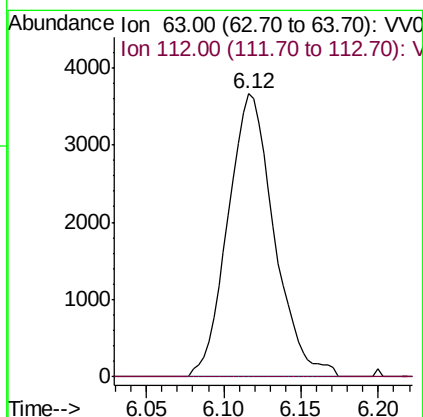
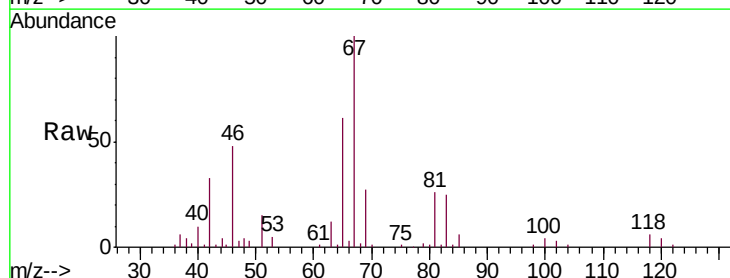
Instrument :
MSVOA_V
ClientSampleId :
BF0S4

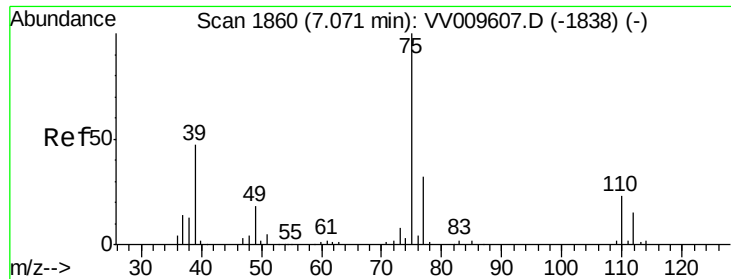
Tgt Ion: 84 Resp: 634
Ion Ratio Lower Upper
84 100
86 56.6 44.0 81.6
49 106.3 82.0 152.4



#37
1,2-Dichloropropane
Concen: 6.762 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009628.D
Acq: 13 Mar 2019 00:59

Tgt Ion: 63 Resp: 7617
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

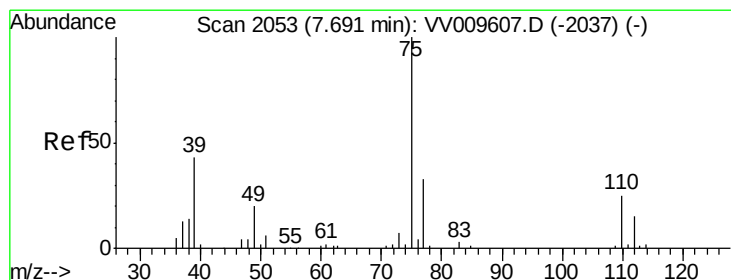
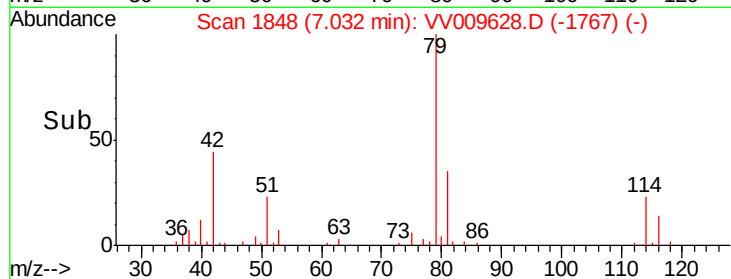
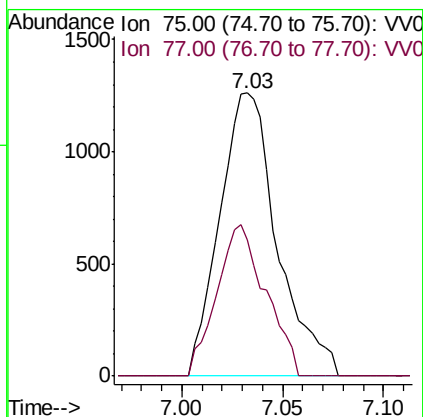
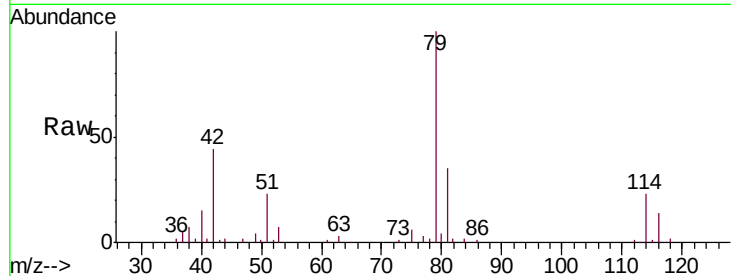




#39
 cis-1,3-Dichloropropene
 Concen: 1.401 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009628.D
 Acq: 13 Mar 2019 00:59

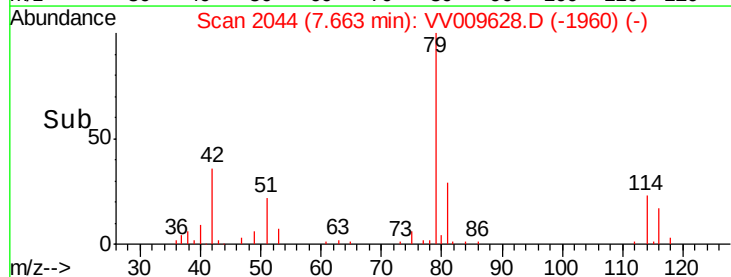
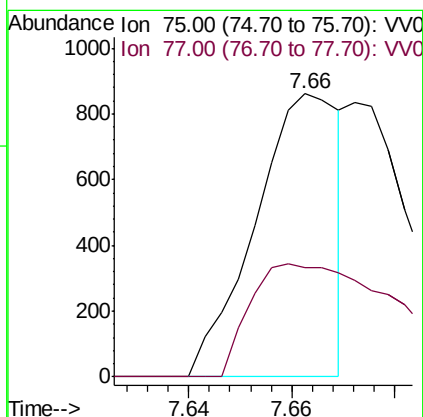
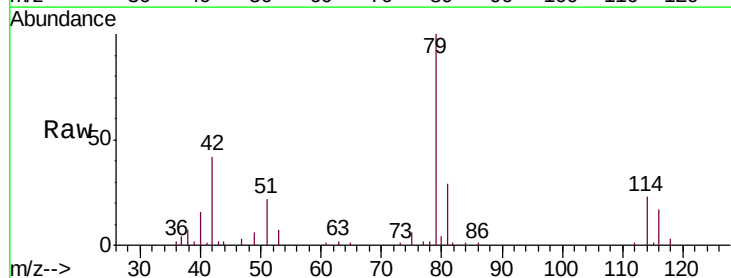
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0S4

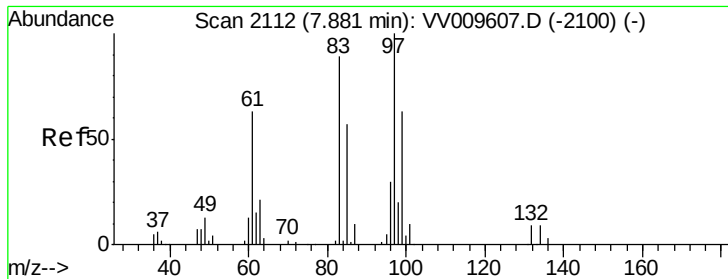
Tgt Ion: 75 Resp: 2515
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.579 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009628.D
 Acq: 13 Mar 2019 00:59

Tgt Ion: 75 Resp: 976
 Ion Ratio Lower Upper
 75 100
 77 38.8 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 1.276 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.14 min

Lab File: VV009628.D

Acq: 13 Mar 2019 00:59

Instrument :

MSVOA_V

ClientSampleId :

BF0S4

Tgt Ion: 97 Resp: 1482

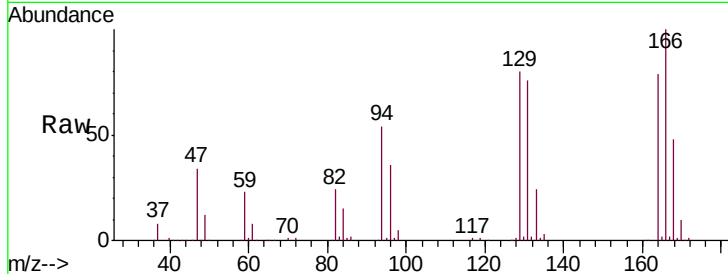
Ion Ratio Lower Upper

97 100

99 0.0 44.0 81.8#

83 267.7 61.5 114.3#

85 74.3 41.0 76.2

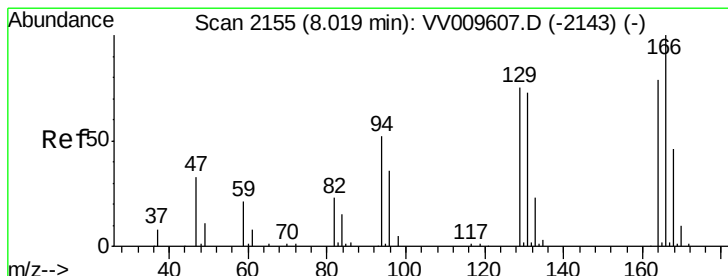
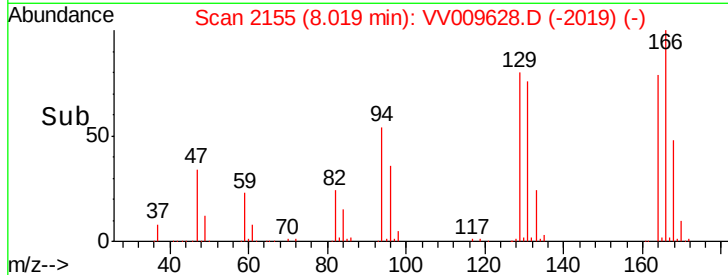
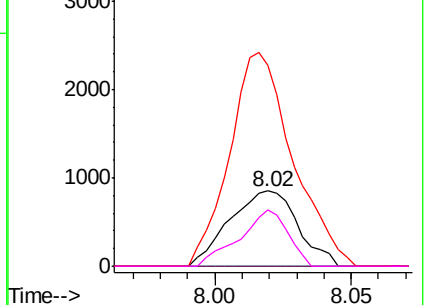


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 156.553 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009628.D

Acq: 13 Mar 2019 00:59

Tgt Ion: 164 Resp: 145175

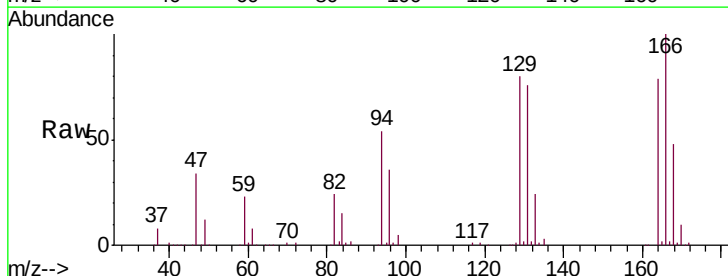
Ion Ratio Lower Upper

164 100

129 101.0 70.8 131.6

131 96.0 68.3 126.9

166 126.4 89.5 166.3

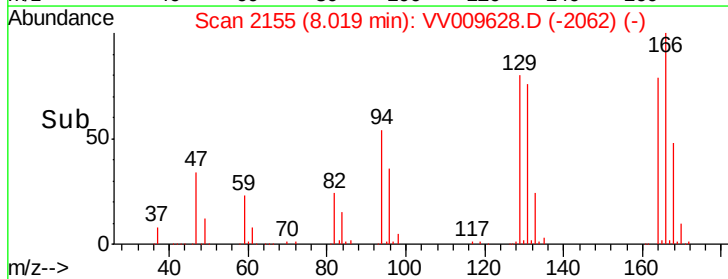
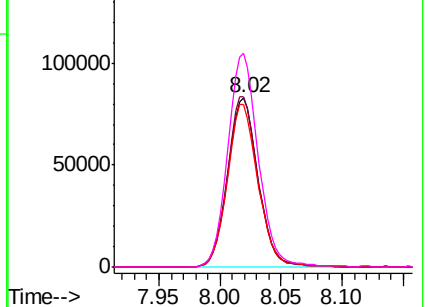


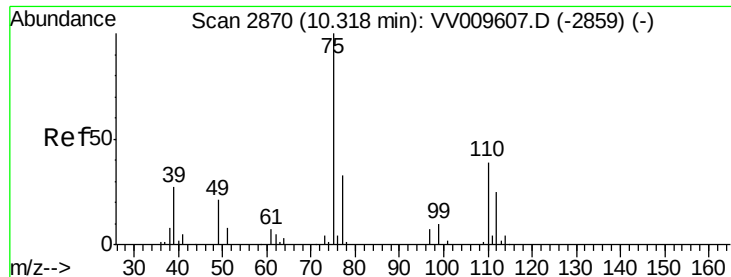
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#59
 1,2,3-Trichloropropane
 Concen: 6.942 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV009628.D
 Acq: 13 Mar 2019 00:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0S4

Tgt Ion: 75 Resp: 10603
 Ion Ratio Lower Upper
 75 100
 77 37.4 26.6 40.0

