

Data File : VV009512.D
Acq On : 06 Mar 2019 12:14
Operator : SY/MD
Sample : K1736-05
Misc : 5.31G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF623

Quant Time: Mar 07 02:55:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 07 02:53:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166456	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152875	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66486	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42791	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
7) Chloroethane-d5	1.58	69	62693	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
10) 1,1-Dichloroethene-d2	2.13	63	93991	18.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.12%
20) 2-Butanone-d5	4.15	46	273	0.40	ug/L	0.21
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.80%#
24) Chloroform-d	4.40	84	94675	23.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.48%
26) 1,2-Dichloroethane-d4	5.08	65	56402	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.00%
29) Benzene-d6	5.10	84	199140	26.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.20%
33) 1,2-Dichloropropane-d6	6.12	67	60716	27.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.68%
37) Toluene-d8	7.36	98	188544	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.16%
38) trans-1,3-Dichloropropene-	7.66	79	25411	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	8.14	63	19614	37.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50139	21.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	61828	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

Target Compounds

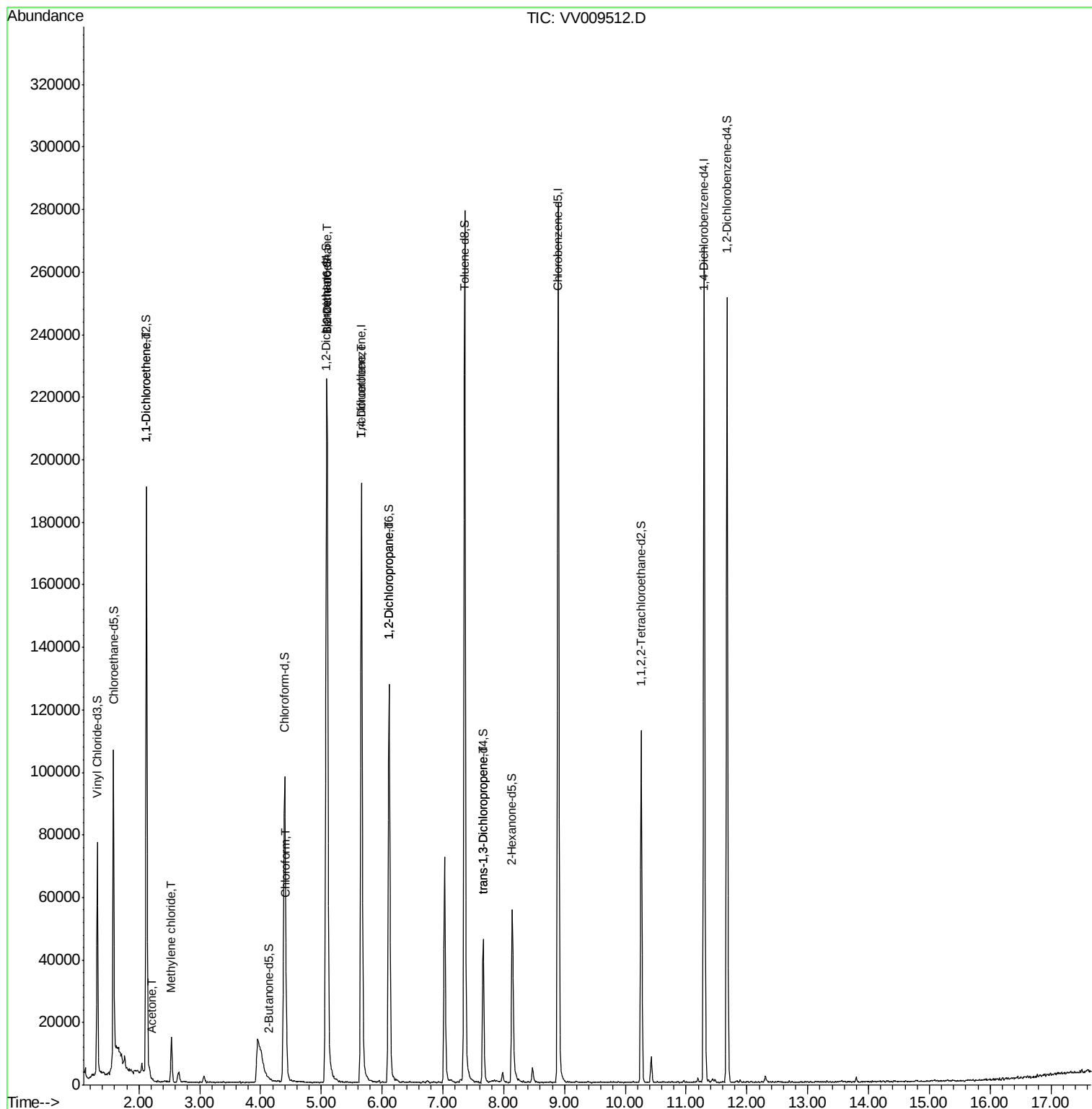
					Qvalue	
12) 1,1-Dichloroethene	2.12	96	1022	0.462	ug/L #	1
13) Acetone	2.22	43	478	0.689	ug/L	87
16) Methylene chloride	2.53	84	6087	2.786	ug/L	86
25) Chloroform	4.43	83	3886	0.994	ug/L	90
27) 1,2-Dichloroethane	5.10	62	1209	0.445	ug/L #	77
35) Trichloroethene	5.66	95	4778	2.105	ug/L #	6
40) 1,2-Dichloropropane	6.12	63	7138	3.505	ug/L #	89
45) trans-1,3-Dichloropropene	7.66	75	1431	0.518	ug/L #	48

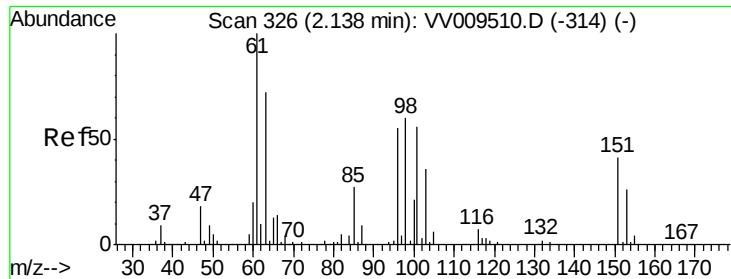
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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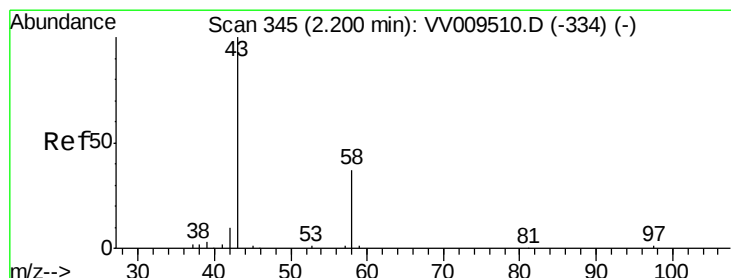
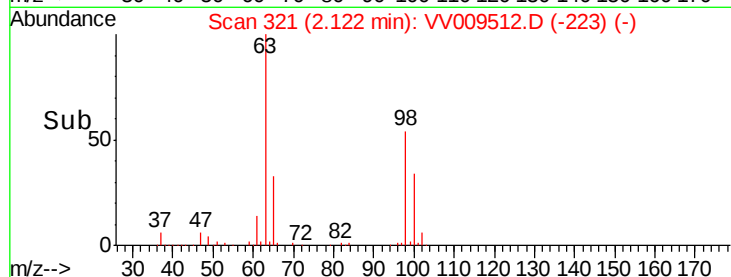
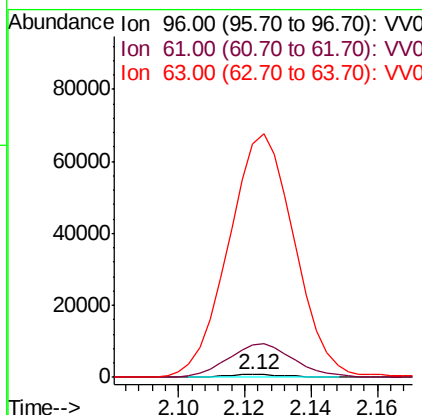
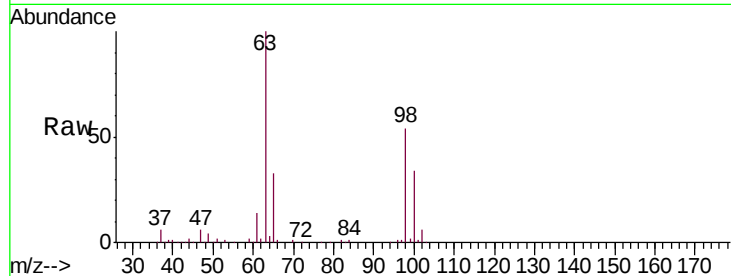




#12
 1,1-Dichloroethene
 Concen: 0.462 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.02 min
 Lab File: VV009512.D
 Acq: 06 Mar 2019 12:14

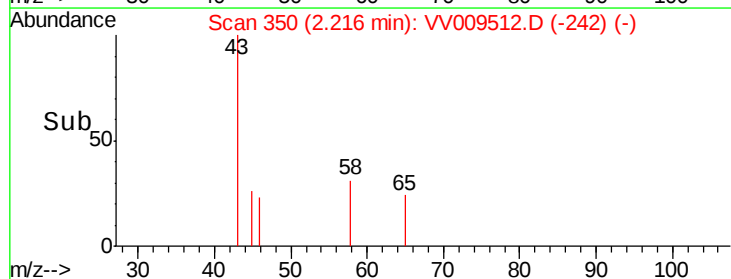
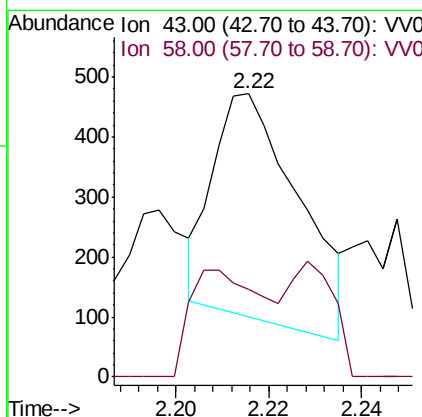
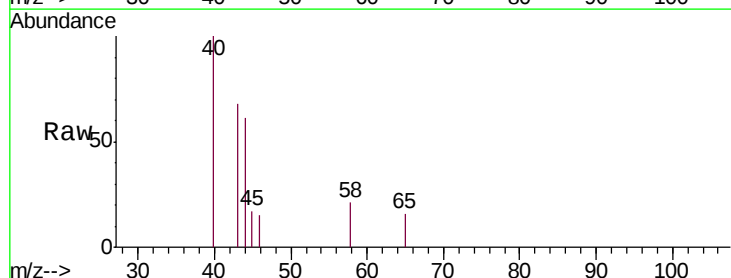
Instrument :
 MSVOA_V
 ClientSampled :
 BF623

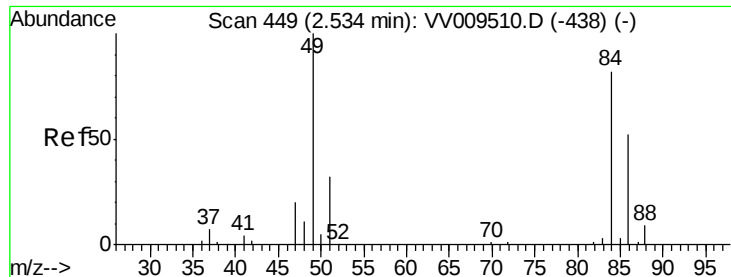
Tgt Ion: 96 Resp: 1022
 Ion Ratio Lower Upper
 96 100
 61 1136.4 136.9 254.3#
 63 8284.7 108.7 201.9#



#13
 Acetone
 Concen: 0.689 ug/L
 RT: 2.22 min Scan# 350
 Delta R.T. 0.02 min
 Lab File: VV009512.D
 Acq: 06 Mar 2019 12:14

Tgt Ion: 43 Resp: 478
 Ion Ratio Lower Upper
 43 100
 58 41.8 0.0 68.8

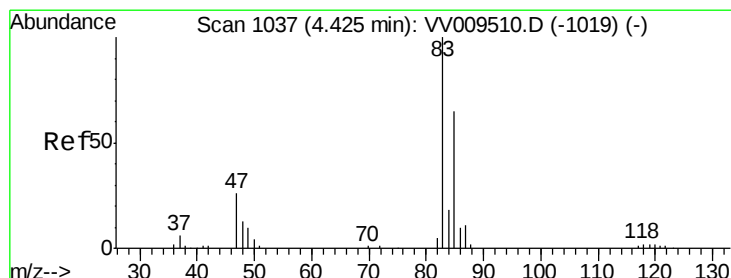
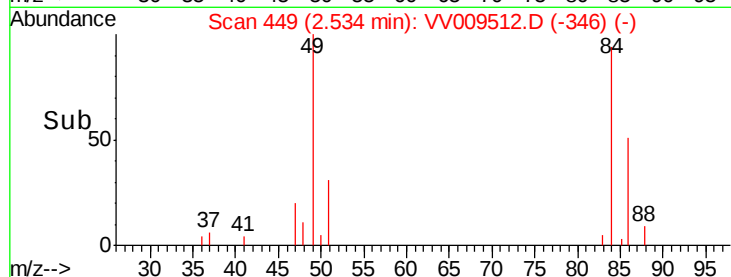
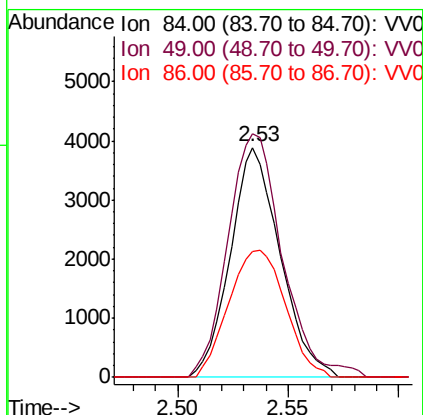
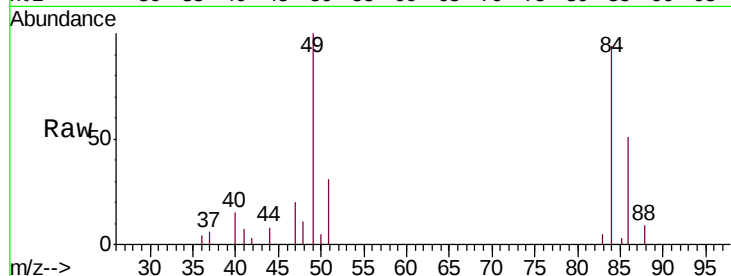




#16
Methylene chloride
Concen: 2.786 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009512.D
Acq: 06 Mar 2019 12:14

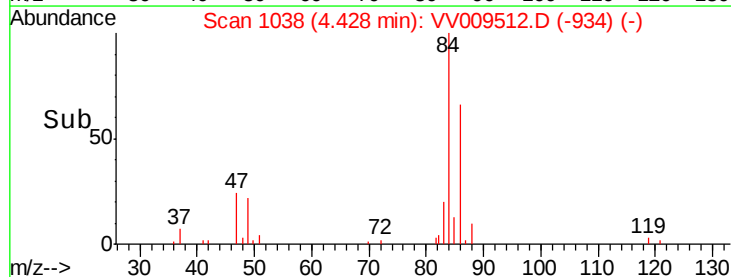
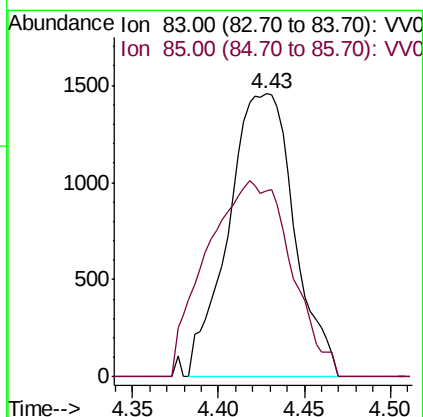
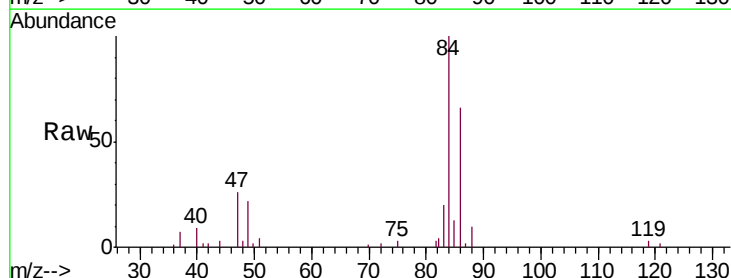
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MSVOA_V
ClientSampled :
BF623

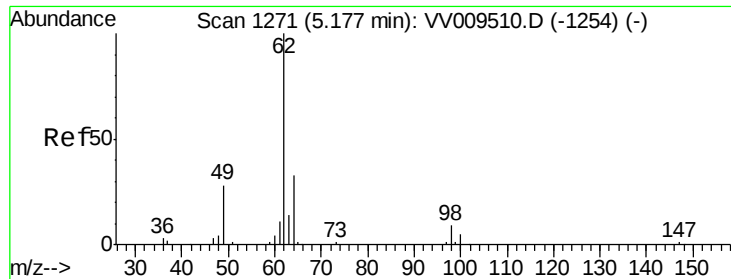
Tgt Ion: 84 Resp: 6087
Ion Ratio Lower Upper
84 100
49 105.9 84.6 157.0
86 54.5 46.1 85.7



#25
Chloroform
Concen: 0.994 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009512.D
Acq: 06 Mar 2019 12:14

Tgt Ion: 83 Resp: 3886
Ion Ratio Lower Upper
83 100
85 57.1 45.4 84.2

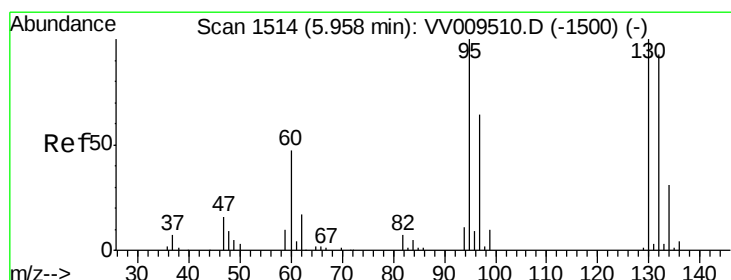
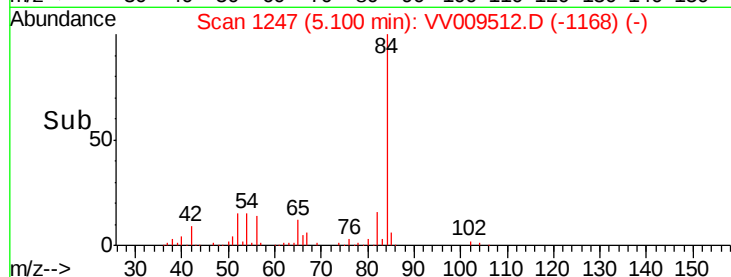
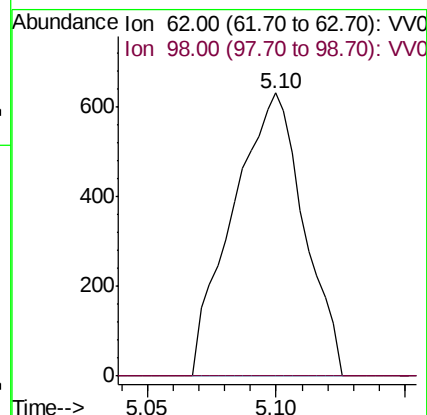
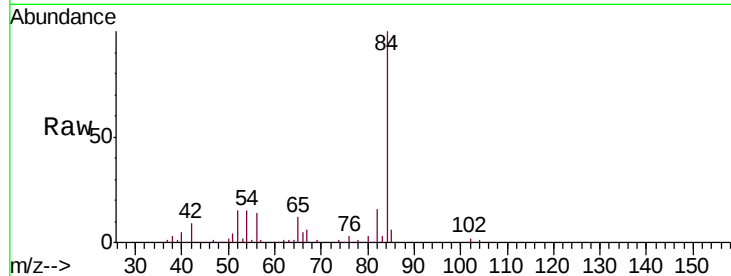




#27
 1,2-Dichloroethane
 Concen: 0.445 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV009512.D
 Acq: 06 Mar 2019 12:14

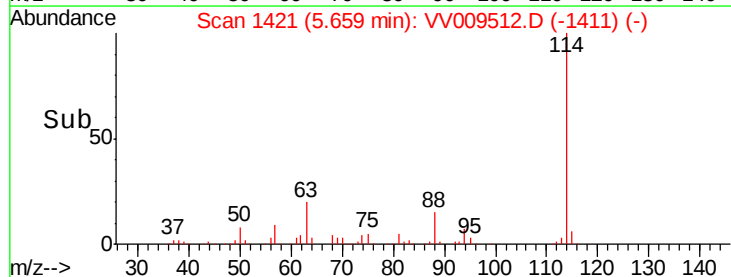
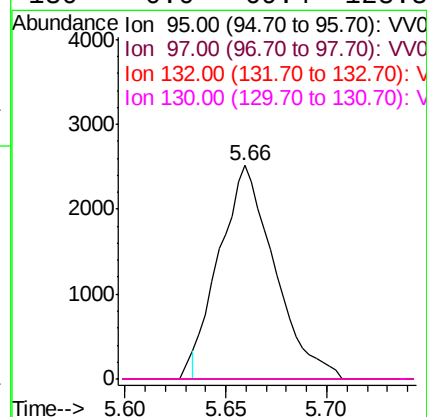
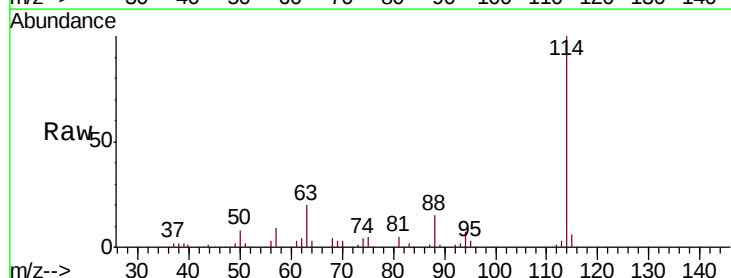
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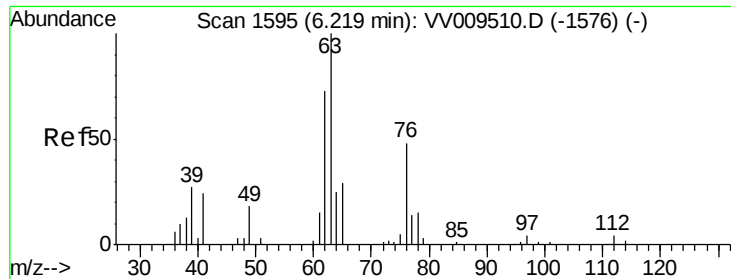
Tgt Ion: 62 Resp: 1209
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Trichloroethene
 Concen: 2.105 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV009512.D
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Tgt Ion: 95 Resp: 4778
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.3 82.3#
 132 0.0 64.4 119.6#
 130 0.0 69.4 128.8#

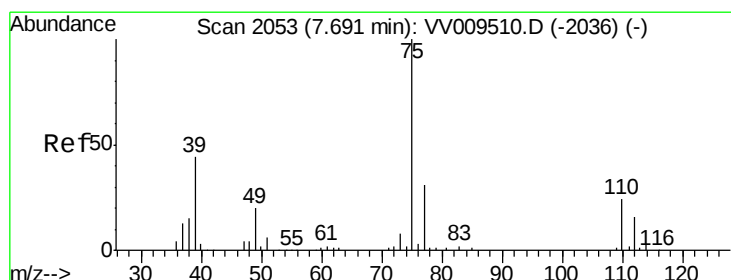
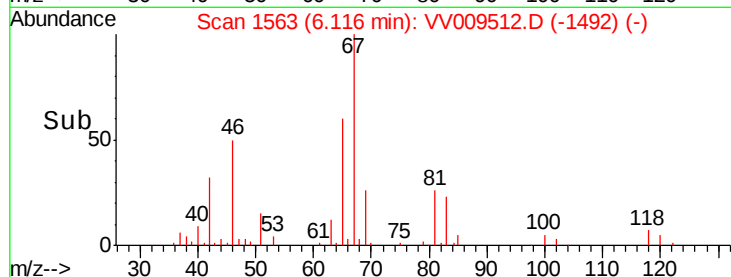
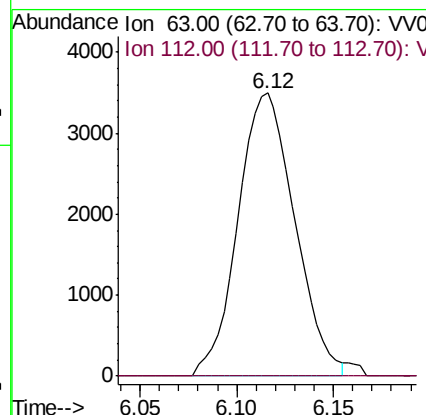
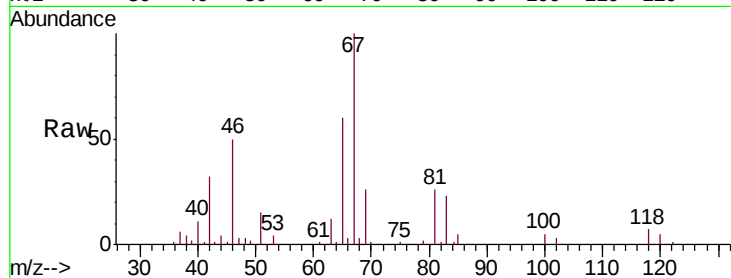




#40
 1,2-Dichloropropane
 Concen: 3.505 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009512.D
 Acq: 06 Mar 2019 12:14

Instrument :
 MSVOA_V
 ClientSampleId :
 BF623

Tgt Ion: 63 Resp: 7138
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#45
 trans-1,3-Dichloropropene
 Concen: 0.518 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV009512.D
 Acq: 06 Mar 2019 12:14

Tgt Ion: 75 Resp: 1431
 Ion Ratio Lower Upper
 75 100
 77 61.0 22.5 41.7#

