

Data File : VV009011.D
Acq On : 18 Dec 2018 13:59
Operator : SY/MD
Sample : VV1218SBL01
Misc : 5.00 g/10.0mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK70

Quant Time: Dec 19 06:21:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	219541	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	186947	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79668	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58330	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.72%
7) Chloroethane-d5	1.58	69	53425	31.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.32%
10) 1,1-Dichloroethene-d2	2.13	63	141259	24.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.48%
20) 2-Butanone-d5	3.94	46	32420	39.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.40%
24) Chloroform-d	4.40	84	125119	23.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.08	65	71075	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	5.10	84	254361	24.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.44%
33) 1,2-Dichloropropane-d6	6.12	67	72321	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.96%
37) Toluene-d8	7.36	98	227770	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.28%
38) trans-1,3-Dichloropropene-	7.66	79	29668	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.40%
39) 2-Hexanone-d5	8.14	63	20689	38.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48373	19.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	69025	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds

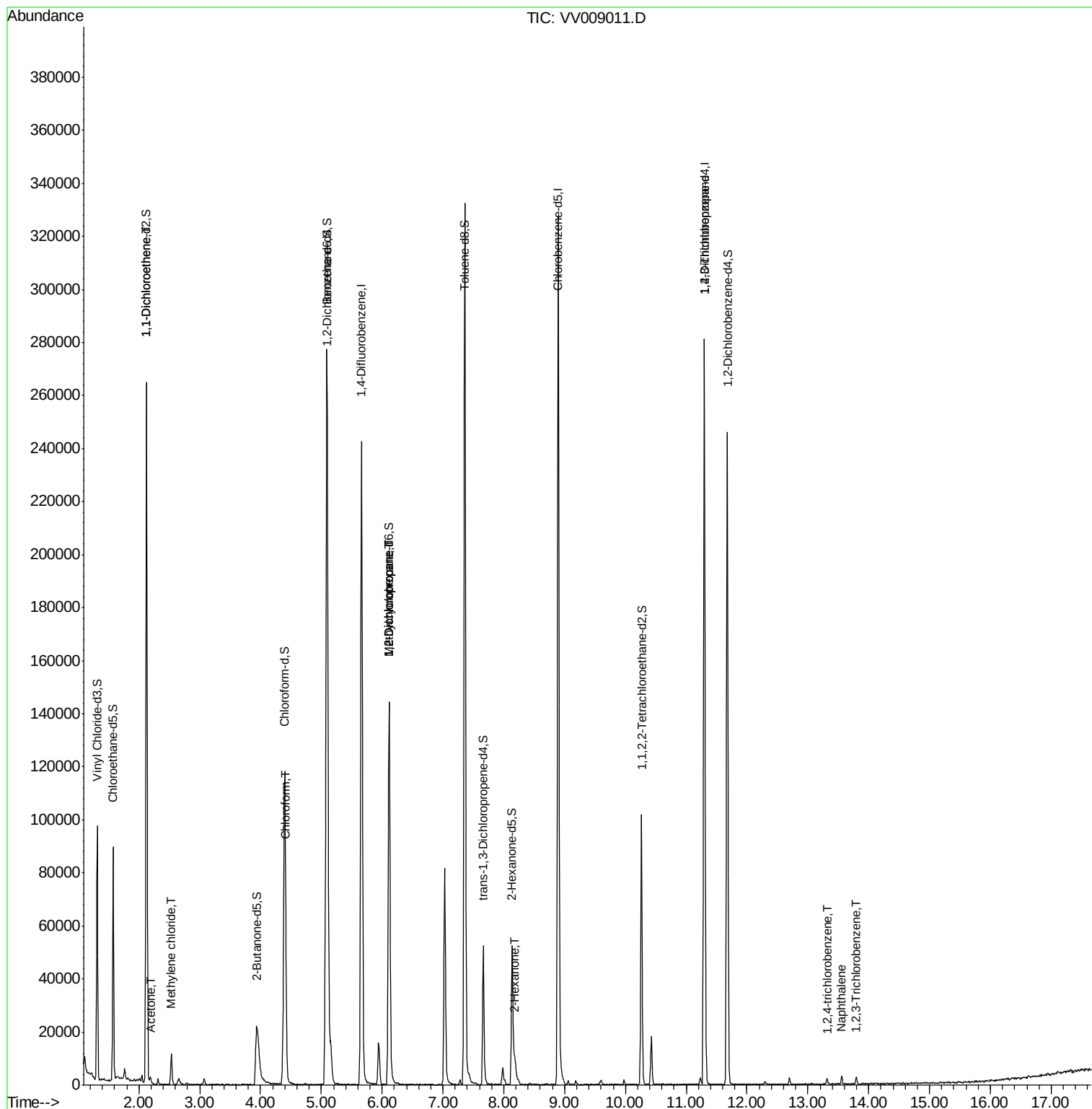
					Qvalue	
12) 1,1-Dichloroethene	2.13	96	1204	0.425	ug/L #	1
13) Acetone	2.19	43	1412	1.159	ug/L	97
16) Methylene chloride	2.53	84	5491	1.485	ug/L	93
25) Chloroform	4.42	83	2520	0.474	ug/L	91
36) Methylcyclohexane	6.12	83	18021	3.346	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	8291	3.084	ug/L #	85
49) 2-Hexanone	8.19	43	4031	2.682	ug/L #	76
59) 1,2,3-Trichloropropane	11.30	75	8625	4.117	ug/L	90
68) 1,2,4-trichlorobenzene	13.31	180	949	0.365	ug/L #	92
69) Naphthalene	13.56	128	3068	0.686	ug/L #	85
70) 1,2,3-Trichlorobenzene	13.80	180	891	0.371	ug/L #	71

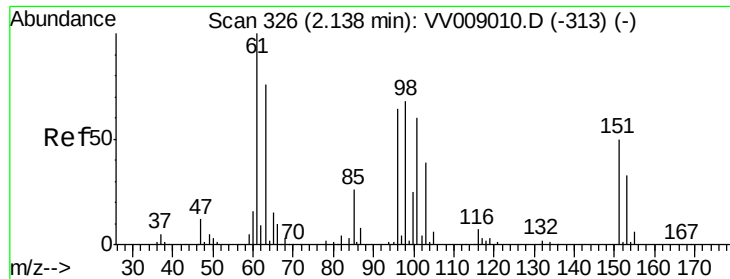
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009011.D
Acq On : 18 Dec 2018 13:59
Operator : SY/MD
Sample : VV1218SBL01
Misc : 5.00 g/10.0mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK70

Quant Time: Dec 19 06:21:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

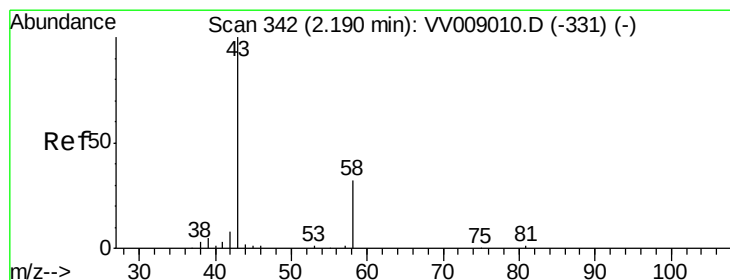
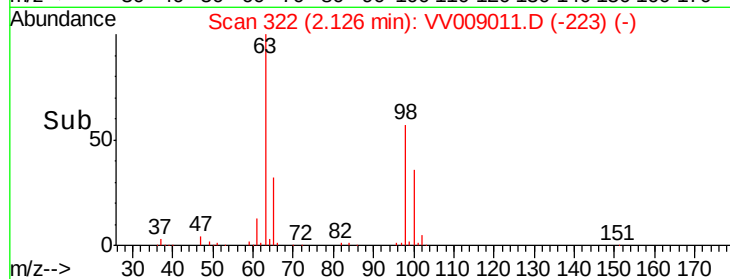
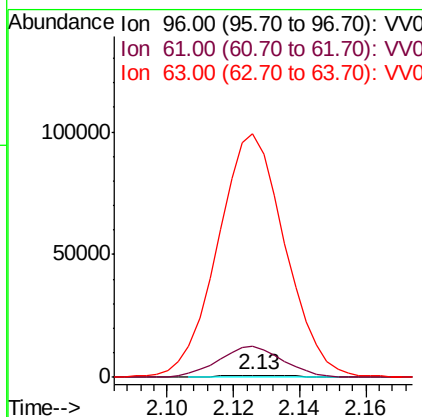
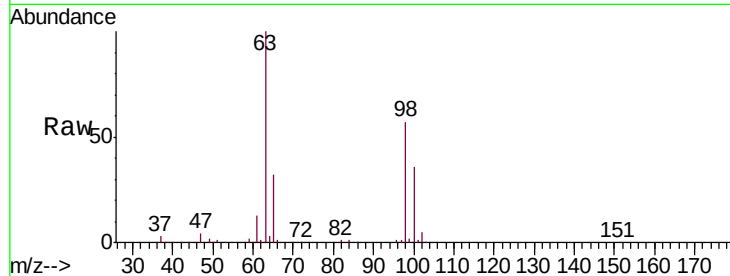




#12
 1,1-Dichloroethene
 Concen: 0.425 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV009011.D
 Acq: 18 Dec 2018 13:59

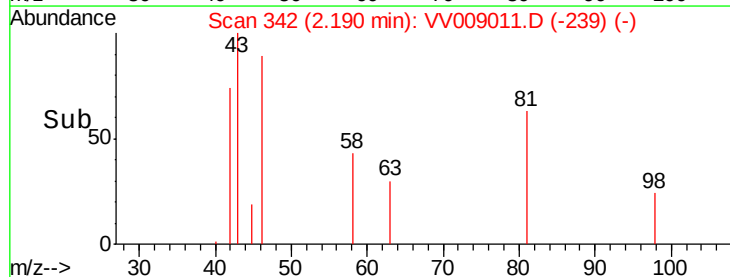
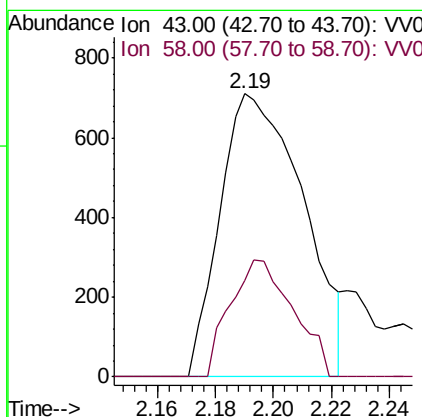
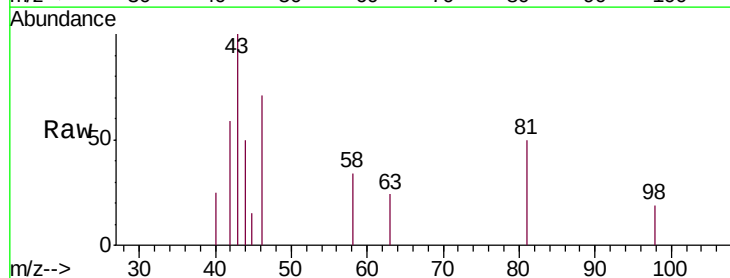
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK70

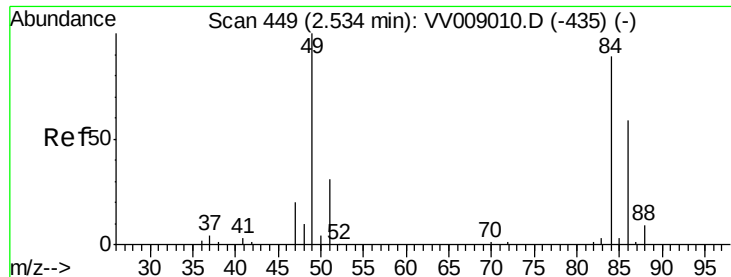
Tgt Ion: 96 Resp: 1204
 Ion Ratio Lower Upper
 96 100
 61 1606.5 114.0 211.6#
 63 12816.5 82.4 153.0#



#13
 Acetone
 Concen: 1.159 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV009011.D
 Acq: 18 Dec 2018 13:59

Tgt Ion: 43 Resp: 1412
 Ion Ratio Lower Upper
 43 100
 58 31.2 0.0 65.4

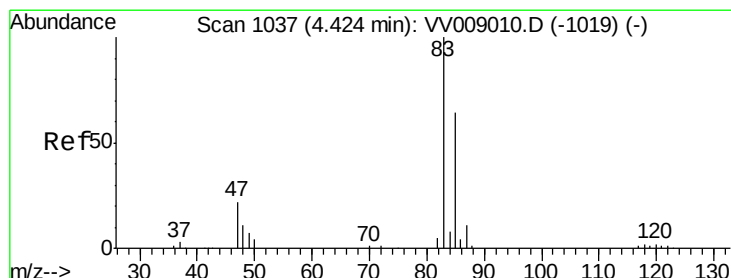
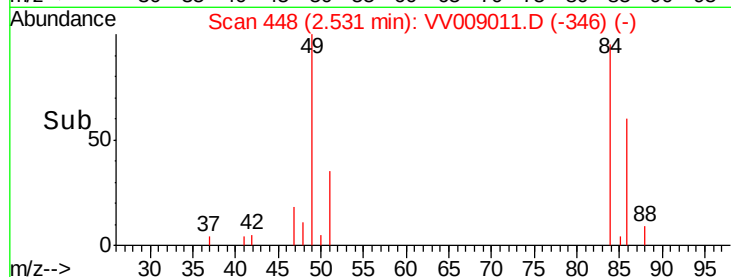
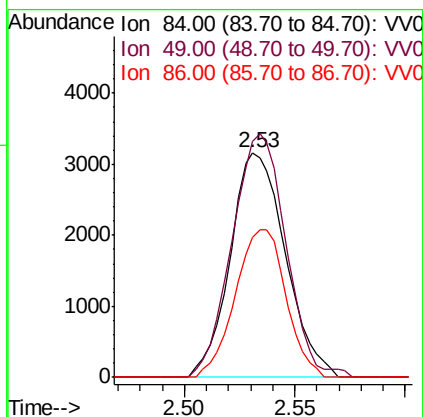
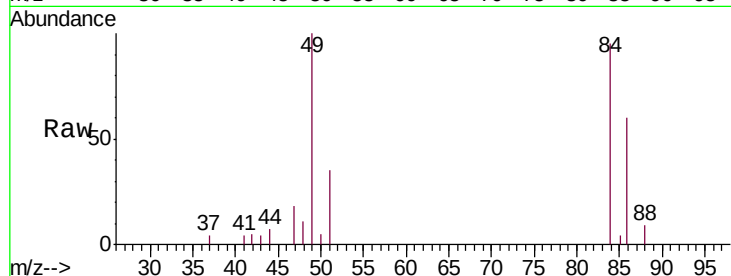




#16
Methylene chloride
Concen: 1.485 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV009011.D
Acq: 18 Dec 2018 13:59

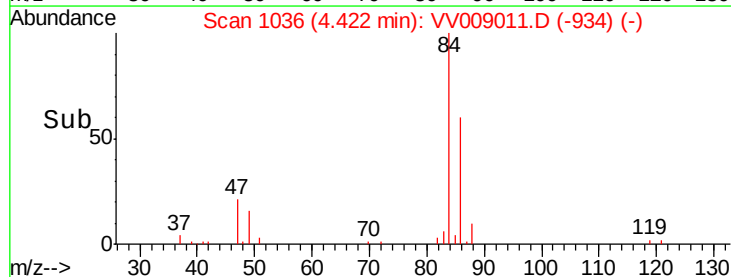
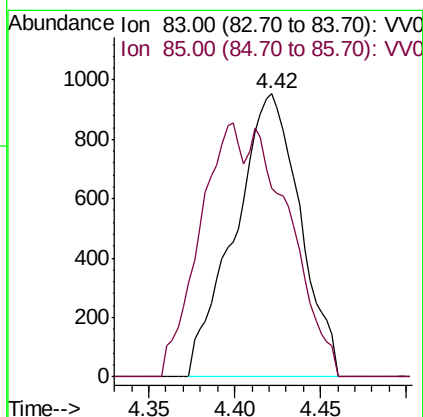
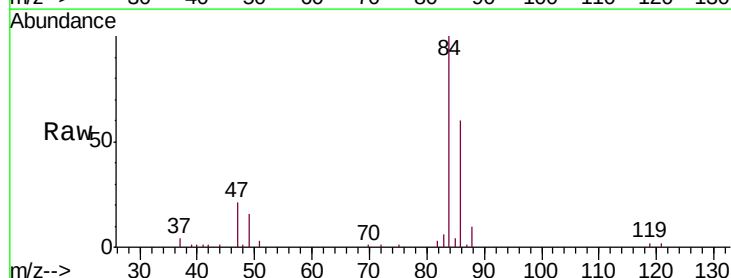
Instrument :
MSVOA_V
ClientSampleId :
VBLK70

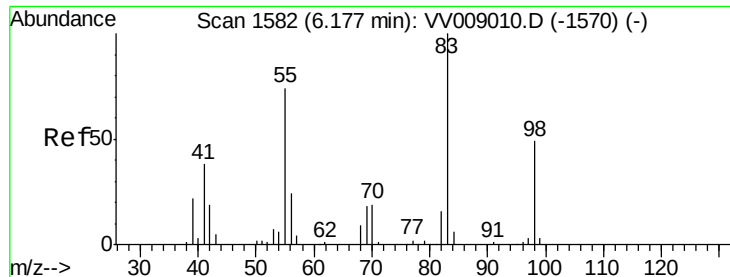
Tgt Ion: 84 Resp: 5491
Ion Ratio Lower Upper
84 100
49 104.7 80.5 149.5
86 62.5 45.5 84.5



#25
Chloroform
Concen: 0.474 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009011.D
Acq: 18 Dec 2018 13:59

Tgt Ion: 83 Resp: 2520
Ion Ratio Lower Upper
83 100
85 58.2 45.6 84.8

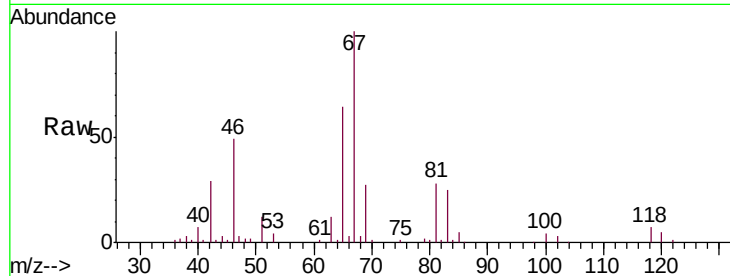




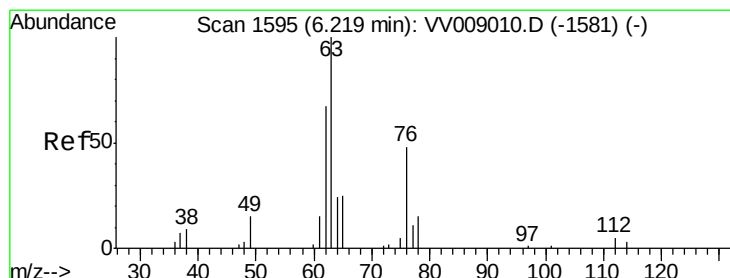
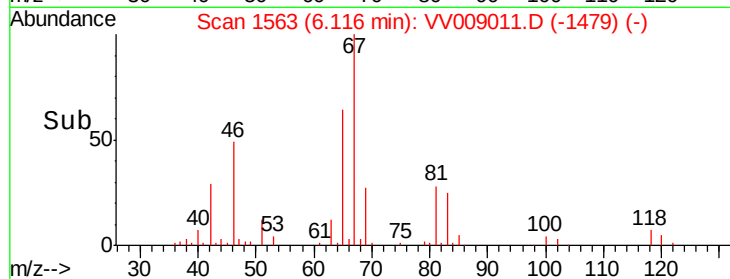
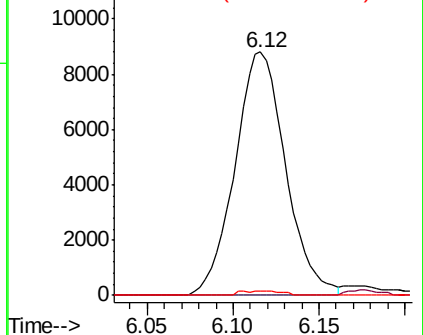
#36
Methylcyclohexane
Concen: 3.346 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009011.D
Acq: 18 Dec 2018 13:59

Instrument :
MSVOA_V
ClientSampleId :
VBLK70

Tgt Ion: 83 Resp: 18021
Ion Ratio Lower Upper
83 100
55 1.4 58.2 87.2#
98 0.5 37.8 56.8#

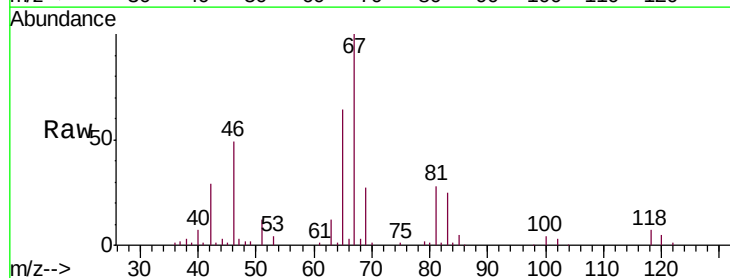


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

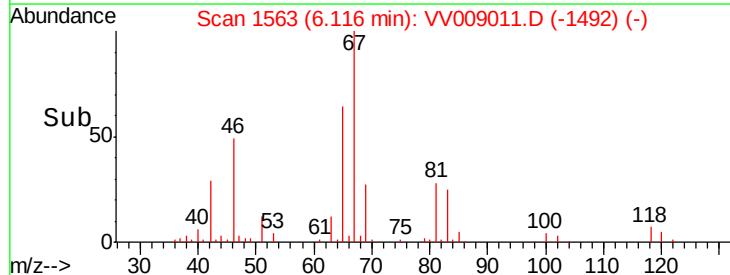
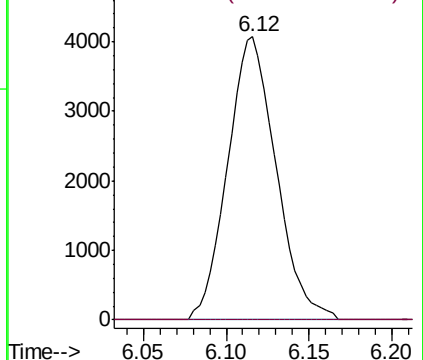


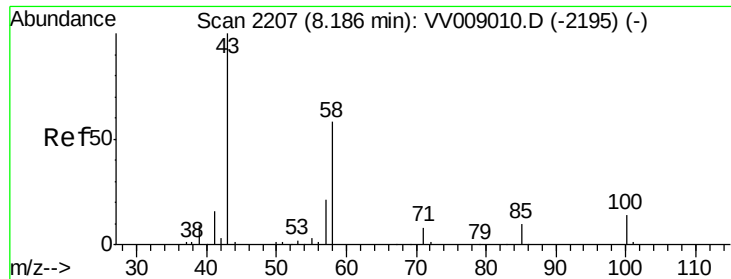
#40
1,2-Dichloropropane
Concen: 3.084 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009011.D
Acq: 18 Dec 2018 13:59

Tgt Ion: 63 Resp: 8291
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



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

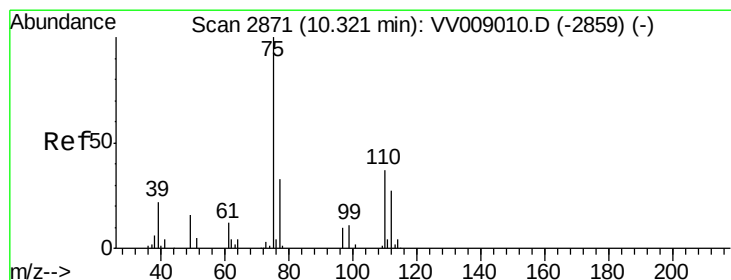
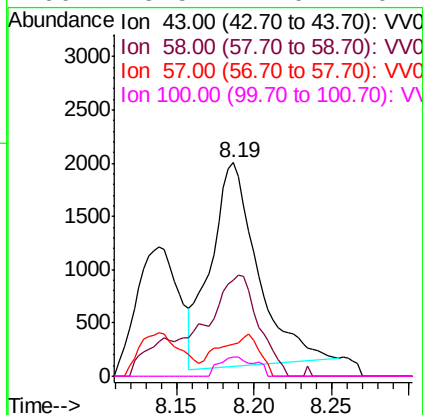
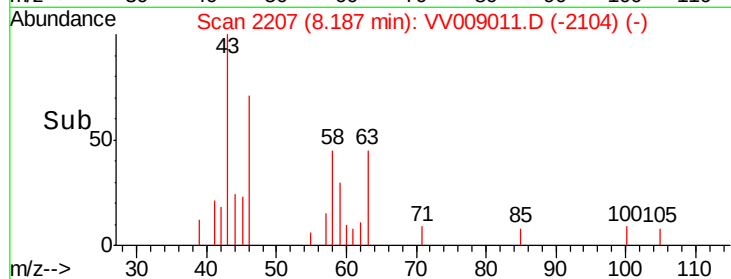
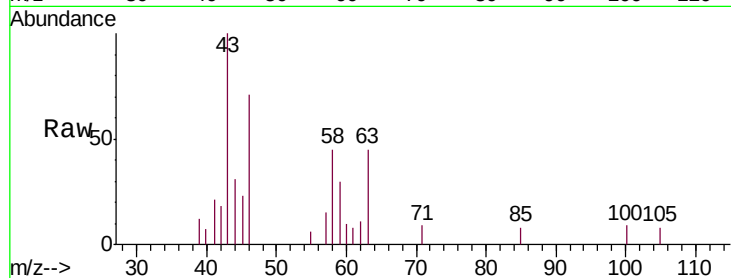




#49
2-Hexanone
Concen: 2.682 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009011.D
Acq: 18 Dec 2018 13:59

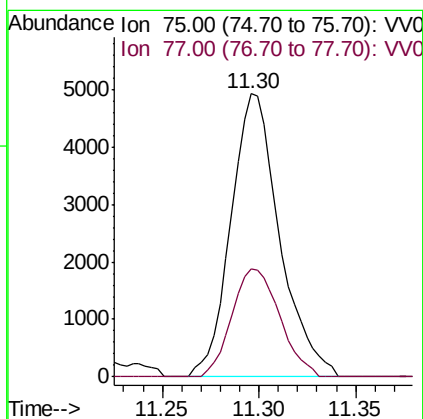
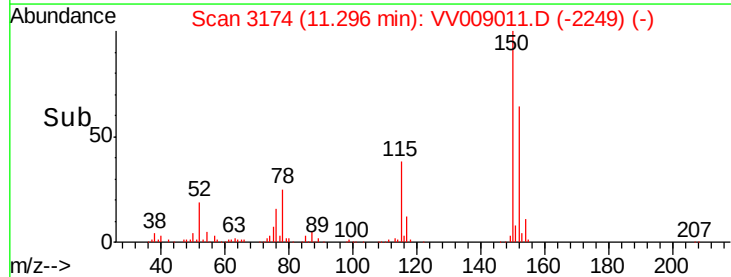
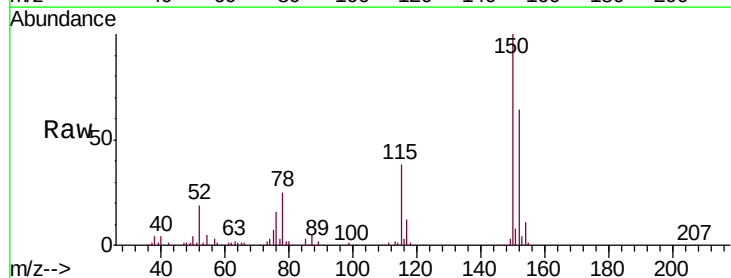
Instrument :
MSVOA_V
ClientSampleId :
VBLK70

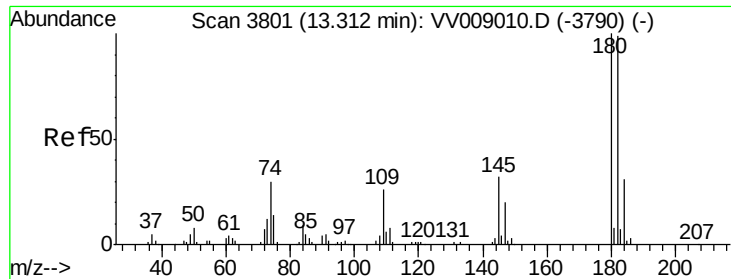
Tgt Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
58 42.0 43.9 65.9#
57 0.0 15.7 23.5#
100 5.5 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 4.117 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009011.D
Acq: 18 Dec 2018 13:59

Tgt Ion: 75 Resp: 8625
Ion Ratio Lower Upper
75 100
77 37.6 25.6 38.4

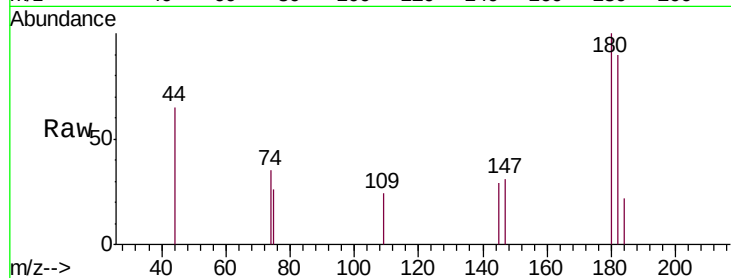




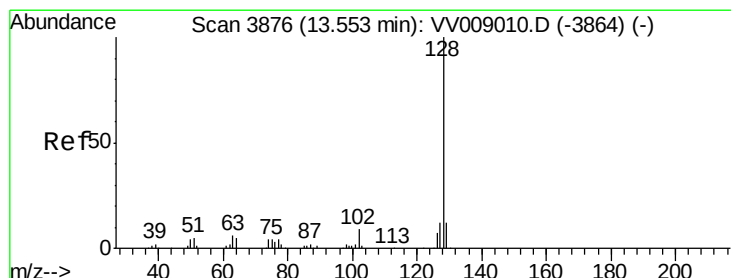
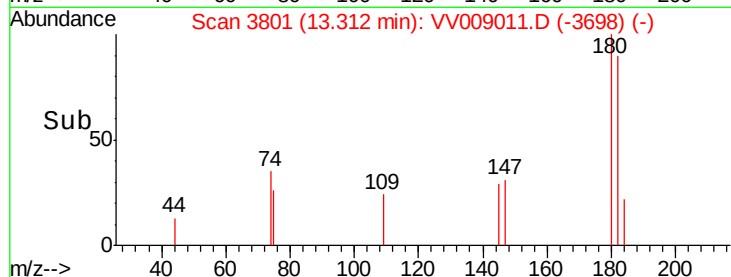
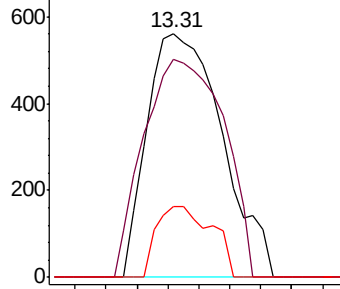
#68
 1,2,4-trichlorobenzene
 Concen: 0.365 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009011.D
 Acq: 18 Dec 2018 13:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK70

Tgt Ion:180 Resp: 949
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.4 116.0
 145 16.8 25.6 38.4#

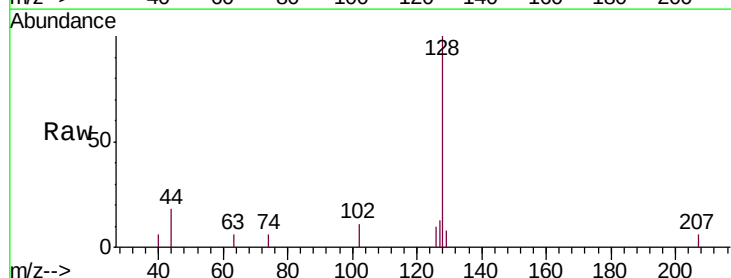


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

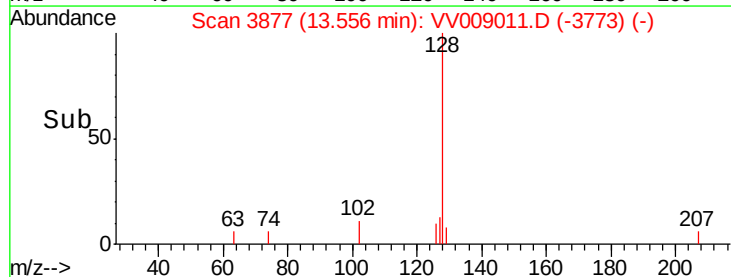
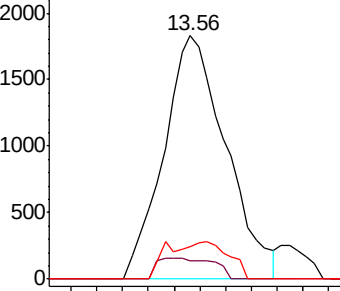


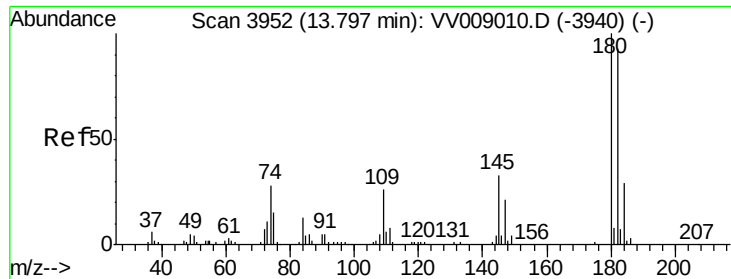
#69
 Naphthalene
 Concen: 0.686 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: VV009011.D
 Acq: 18 Dec 2018 13:59

Tgt Ion:128 Resp: 3068
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.6 13.0#
 127 11.1 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.371 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV009011.D
 Acq: 18 Dec 2018 13:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK70

Tgt Ion	Ratio	Lower	Upper
180	100		
182	59.1	76.1	114.1#
145	36.3	26.7	40.1

