

Data File : VV009054.D
Acq On : 19 Dec 2018 16:42
Operator : SY/MD
Sample : J6468-01
Misc : 6.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JF9

Quant Time: Dec 20 02:03:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 01:58:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151704	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	158578	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68000	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21794	13.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.52%
7) Chloroethane-d5	1.58	69	30512	26.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.24%
10) 1,1-Dichloroethene-d2	2.13	63	68165	17.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.48%
20) 2-Butanone-d5	3.93	46	33209	58.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.20%
24) Chloroform-d	4.40	84	107119	29.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.48%
26) 1,2-Dichloroethane-d4	5.08	65	71722	36.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	144.16%#
29) Benzene-d6	5.10	84	192254	21.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.84%
33) 1,2-Dichloropropane-d6	6.12	67	68178	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	7.36	98	175571	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.68%
38) trans-1,3-Dichloropropene-	7.67	79	29228	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.32%
39) 2-Hexanone-d5	8.14	63	19790	43.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54823	26.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	67430	26.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.68%

Target Compounds

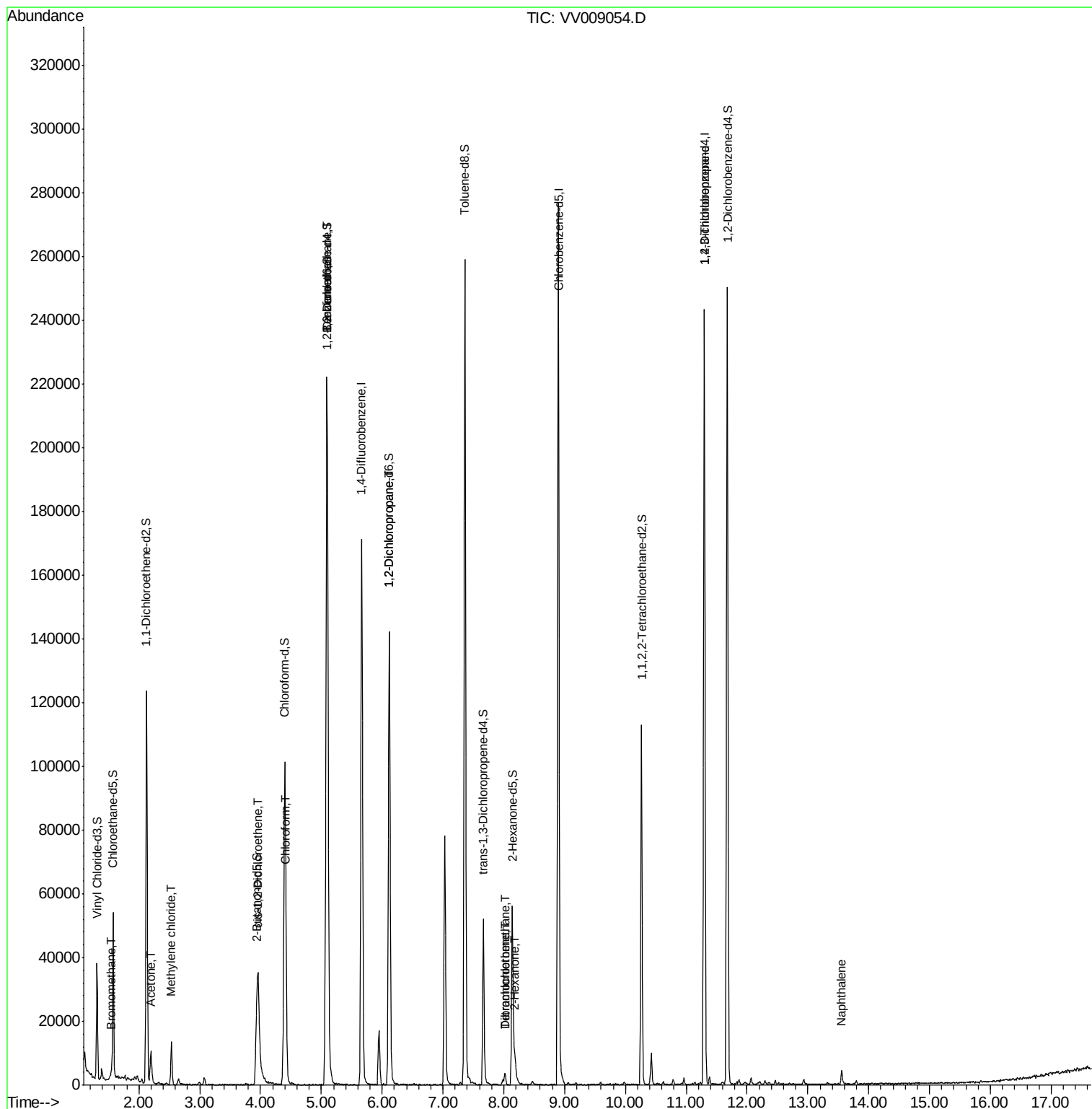
					Qvalue
6) Bromomethane	1.53	94	359	0.391 ug/L	69
13) Acetone	2.20	43	13084	15.537 ug/L	98
16) Methylene chloride	2.53	84	5728	2.242 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	7570	3.436 ug/L	97
25) Chloroform	4.43	83	1963	0.534 ug/L #	29
27) 1,2-Dichloroethane	5.10	62	1110	0.443 ug/L #	75
40) 1,2-Dichloropropane	6.12	63	7874	3.453 ug/L #	85
47) Tetrachloroethene	8.02	164	930	0.399 ug/L #	78
49) 2-Hexanone	8.19	43	3841	3.012 ug/L #	85
50) Dibromochloromethane	8.02	129	808	0.371 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	7308	4.112 ug/L #	87
69) Naphthalene	13.56	128	4487	1.175 ug/L #	93

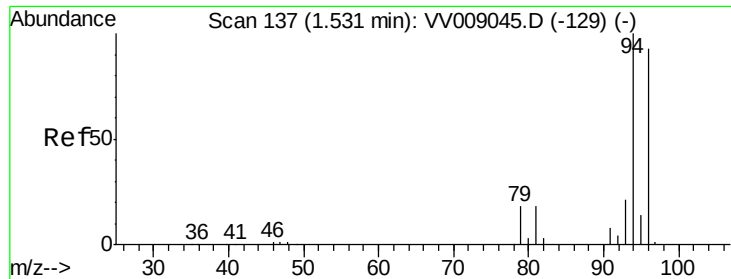
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009054.D
Acq On : 19 Dec 2018 16:42
Operator : SY/MD
Sample : J6468-01
Misc : 6.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JF9

Quant Time: Dec 20 02:03:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 01:58:47 2018
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.391 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV009054.D

Acq: 19 Dec 2018 16:42

Instrument :

MSVOA_V

ClientSampled :

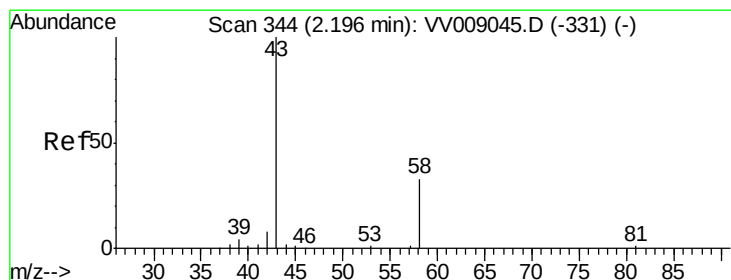
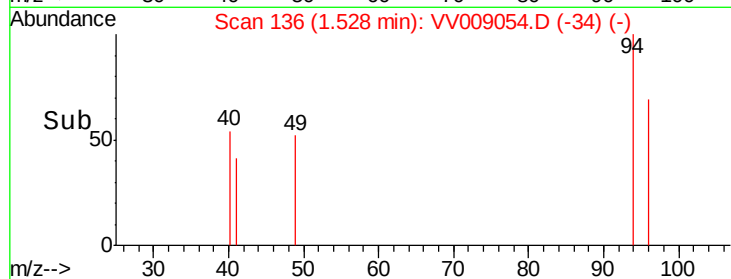
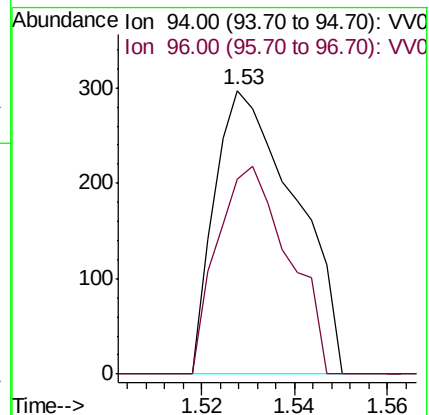
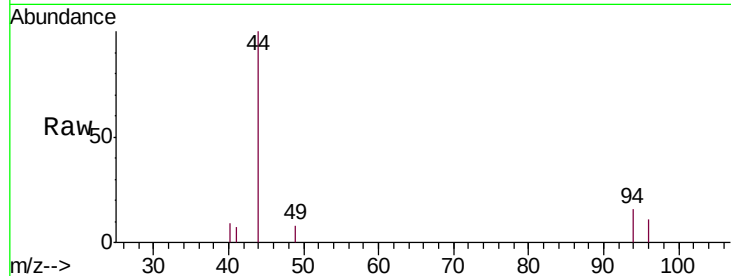
C0JF9

Tgt Ion: 94 Resp: 359

Ion Ratio Lower Upper

94 100

96 64.6 9.5 180.9



#13

Acetone

Concen: 15.537 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV009054.D

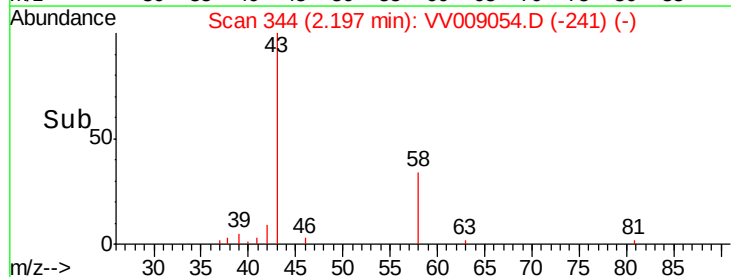
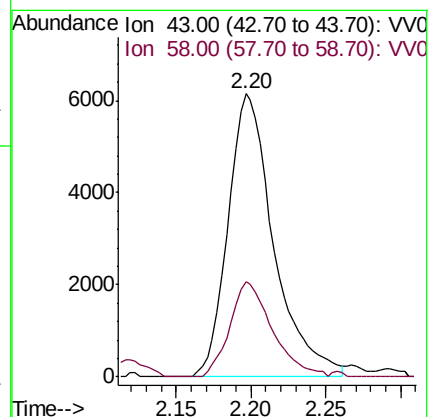
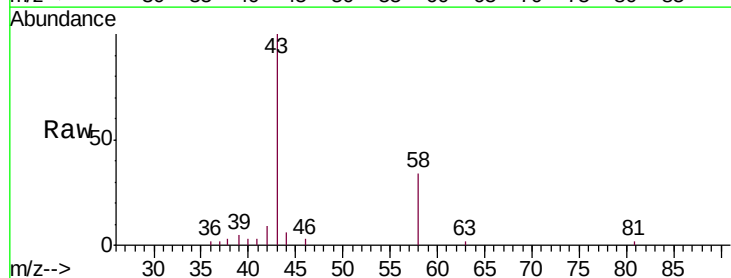
Acq: 19 Dec 2018 16:42

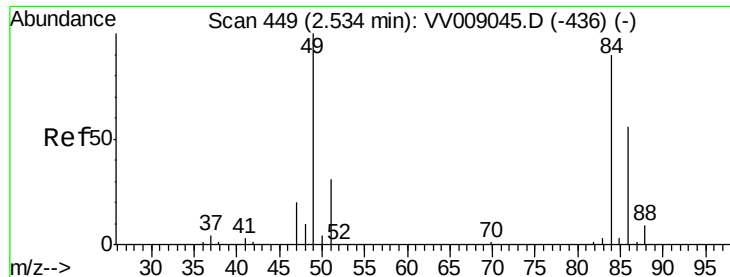
Tgt Ion: 43 Resp: 13084

Ion Ratio Lower Upper

43 100

58 31.3 0.0 65.4

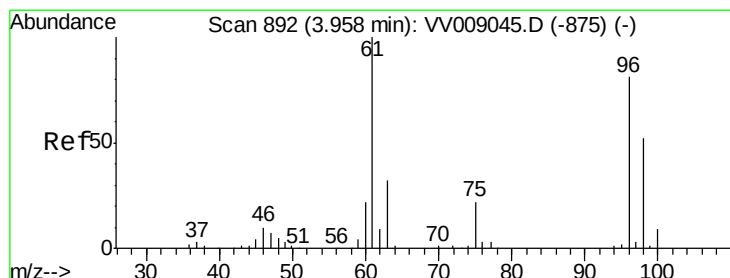
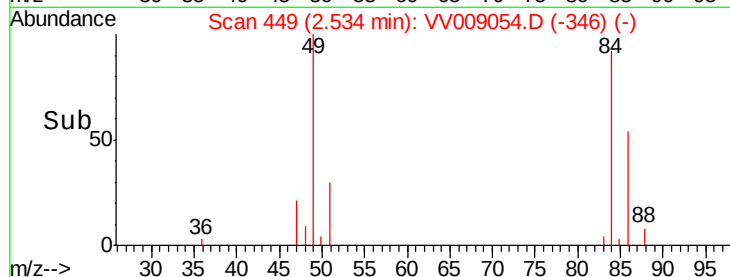
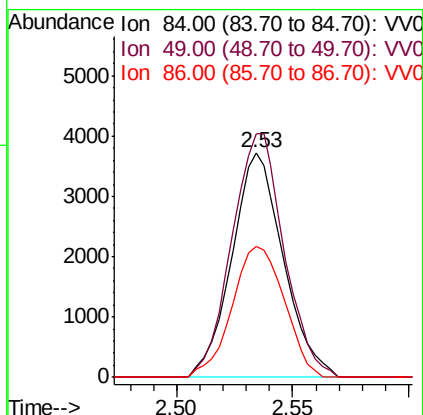
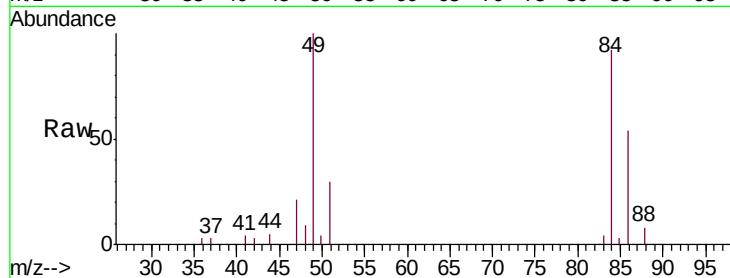




#16
Methylene chloride
Concen: 2.242 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009054.D
Acq: 19 Dec 2018 16:42

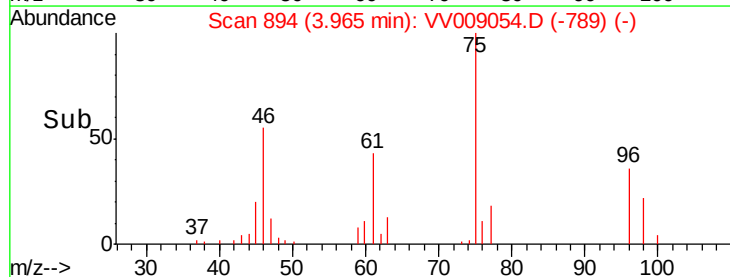
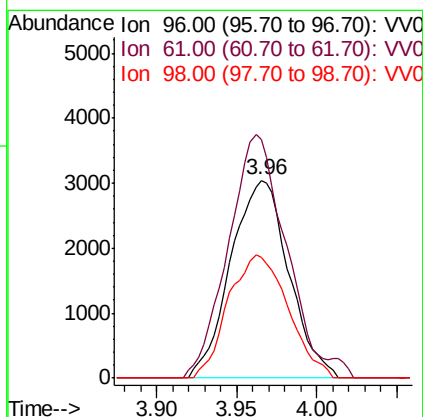
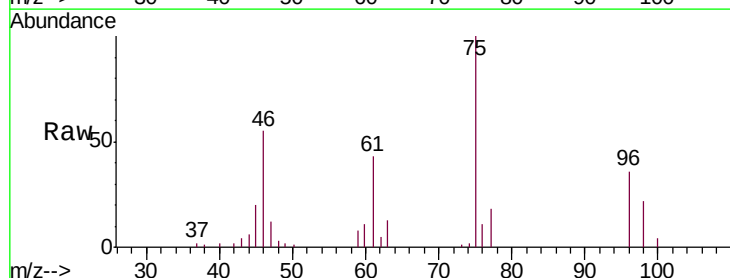
Instrument :
MSVOA_V
ClientSampled :
C0JF9

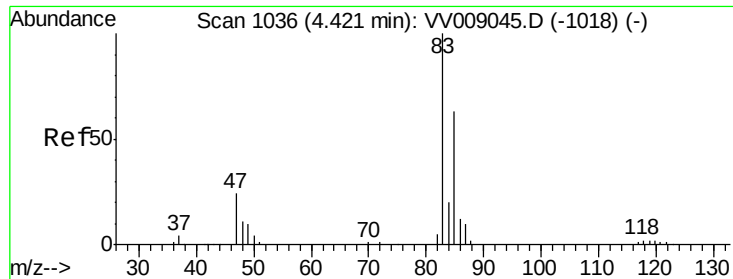
Tgt Ion: 84 Resp: 5728
Ion Ratio Lower Upper
84 100
49 108.4 80.5 149.5
86 58.0 45.5 84.5



#22
cis-1,2-Dichloroethene
Concen: 3.436 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV009054.D
Acq: 19 Dec 2018 16:42

Tgt Ion: 96 Resp: 7570
Ion Ratio Lower Upper
96 100
61 120.8 86.2 160.0
98 61.1 45.6 84.6

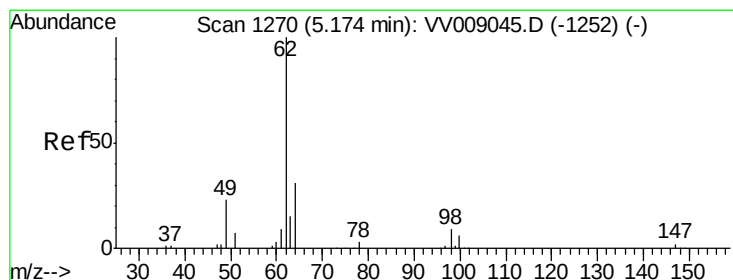
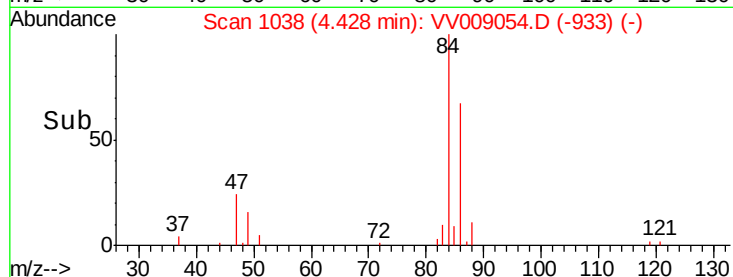
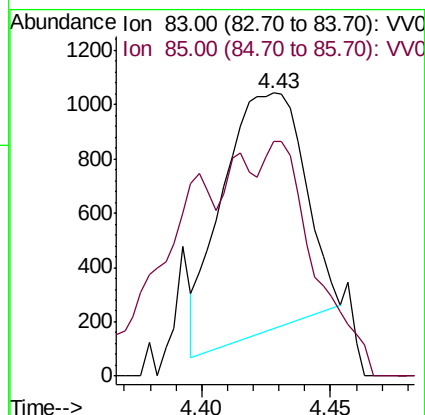
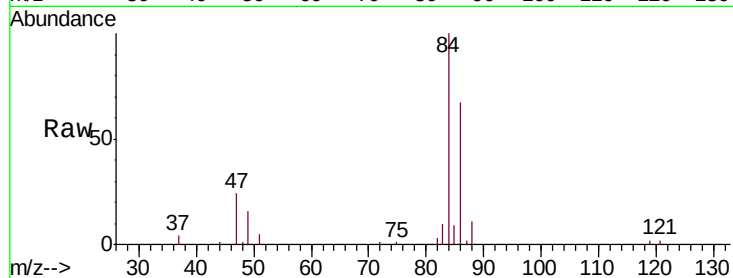




#25
Chloroform
Concen: 0.534 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009054.D
Acq: 19 Dec 2018 16:42

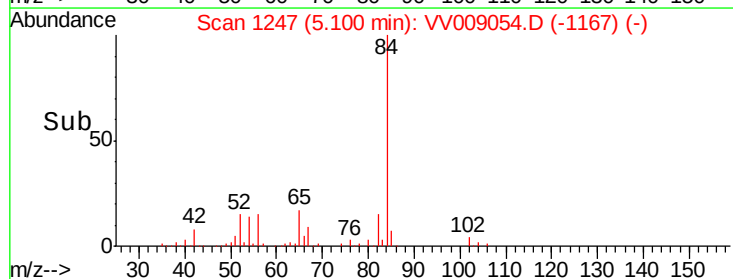
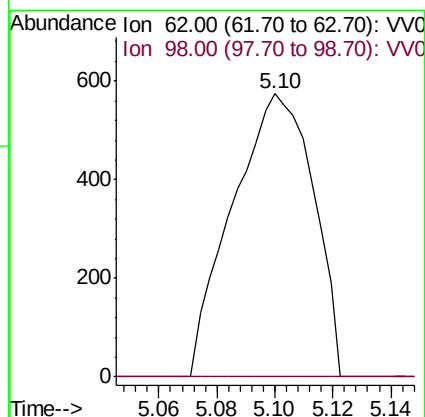
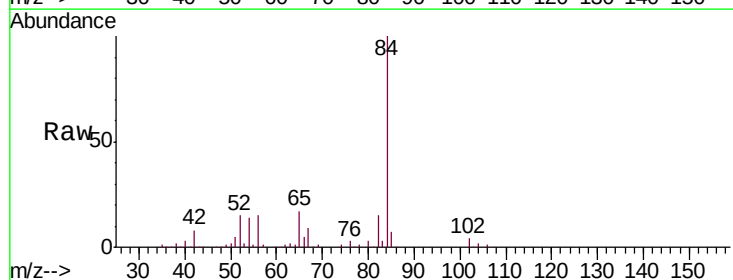
Instrument :
MSVOA_V
ClientSampled :
C0JF9

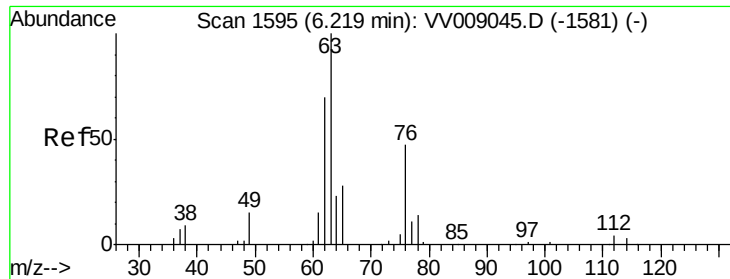
Tgt Ion: 83 Resp: 1963
Ion Ratio Lower Upper
83 100
85 8.9 45.6 84.8#



#27
1,2-Dichloroethane
Concen: 0.443 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.07 min
Lab File: VV009054.D
Acq: 19 Dec 2018 16:42

Tgt Ion: 62 Resp: 1110
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

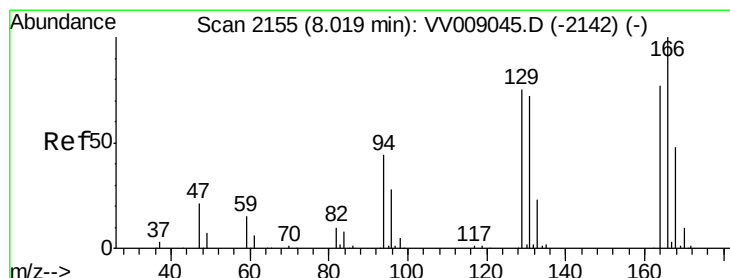
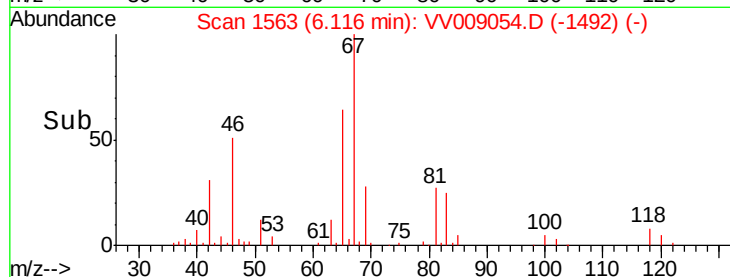
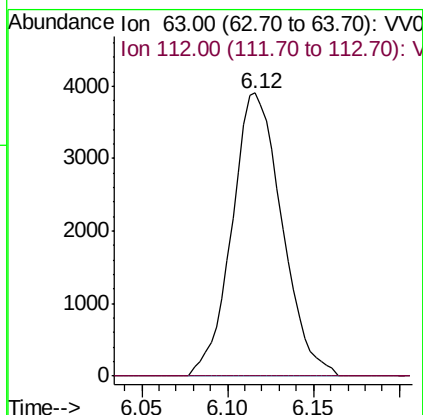
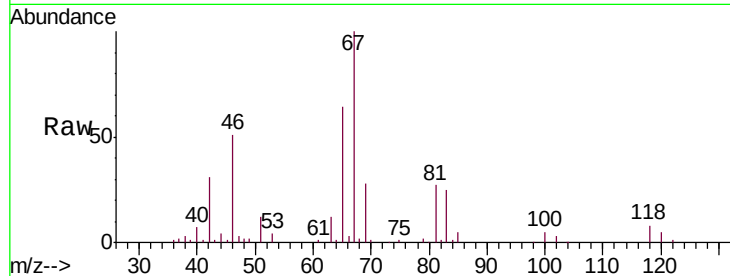




#40
1,2-Dichloropropane
Concen: 3.453 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009054.D
Acq: 19 Dec 2018 16:42

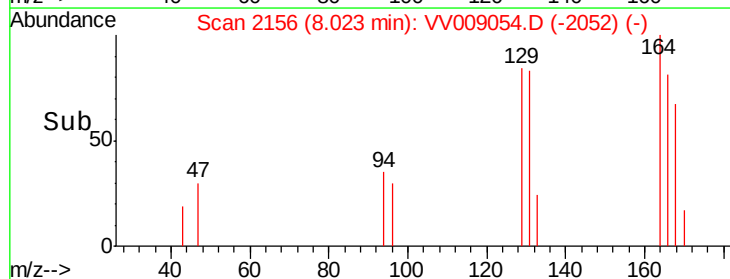
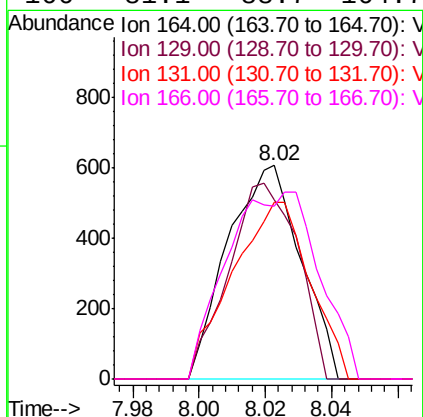
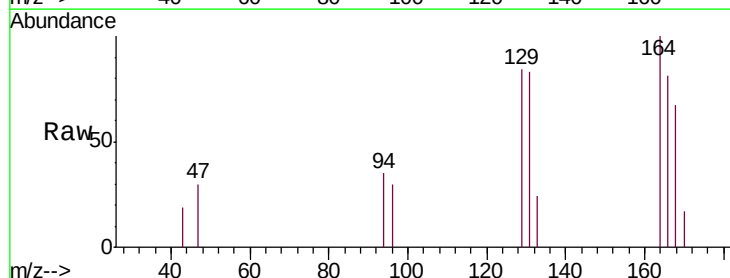
Instrument :
MSVOA_V
ClientSampleId :
C0JF9

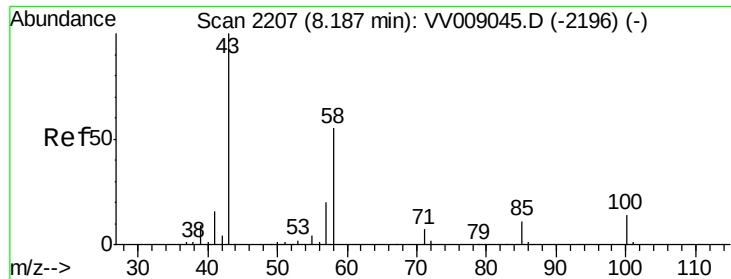
Tgt Ion: 63 Resp: 7874
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#47
Tetrachloroethene
Concen: 0.399 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV009054.D
Acq: 19 Dec 2018 16:42

Tgt Ion: 164 Resp: 930
Ion Ratio Lower Upper
164 100
129 84.0 64.6 120.0
131 82.5 64.5 119.7
166 81.1 88.7 164.7#

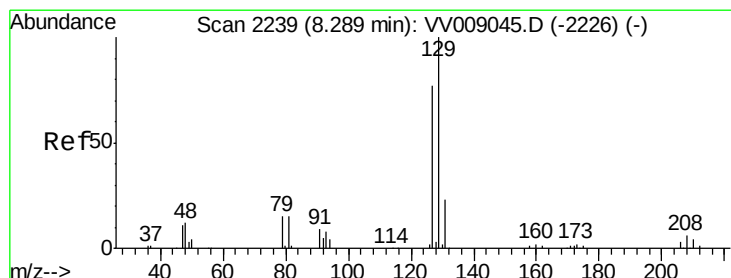
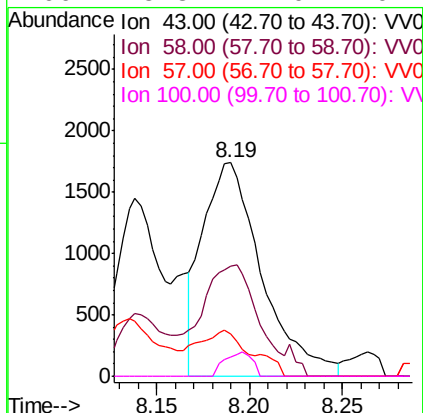
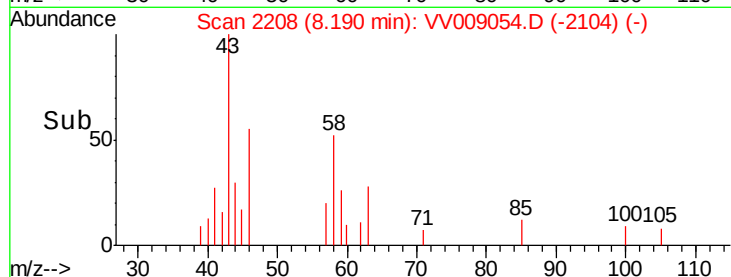
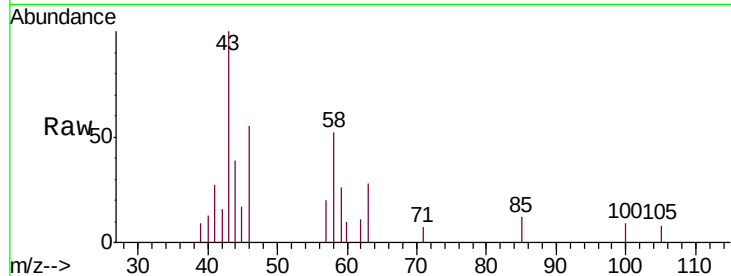




#49
2-Hexanone
Concen: 3.012 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV009054.D
Acq: 19 Dec 2018 16:42

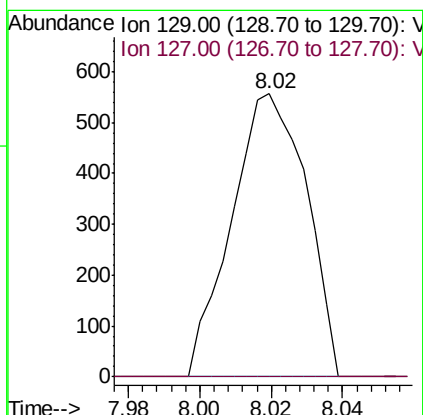
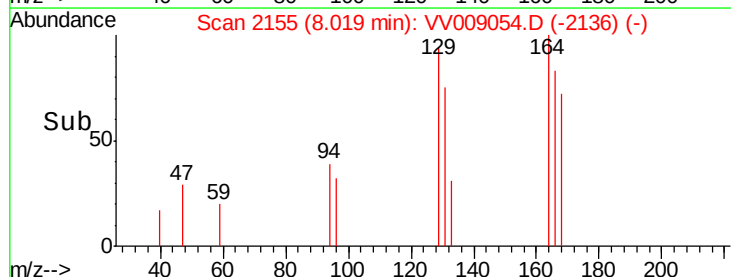
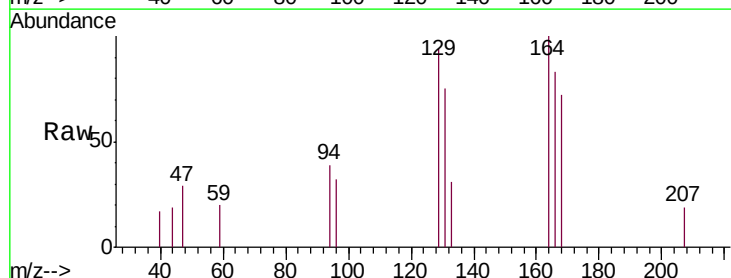
Instrument :
MSVOA_V
ClientSampleId :
C0JF9

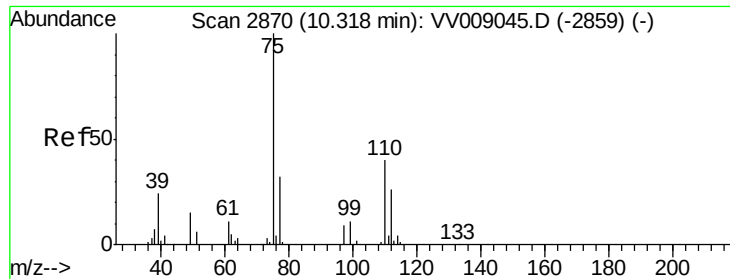
Tgt Ion: 43 Resp: 3841
Ion Ratio Lower Upper
43 100
58 46.7 43.9 65.9
57 9.6 15.7 23.5#
100 5.3 11.0 16.4#



#50
Dibromochloromethane
Concen: 0.371 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009054.D
Acq: 19 Dec 2018 16:42

Tgt Ion: 129 Resp: 808
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#

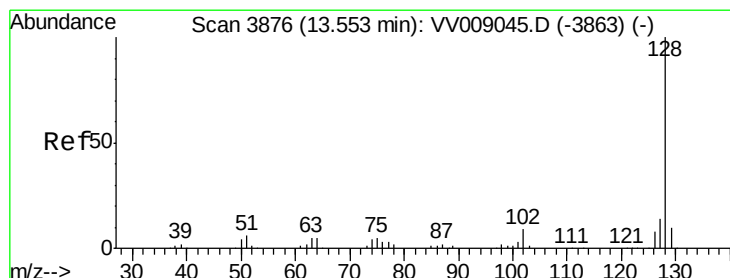
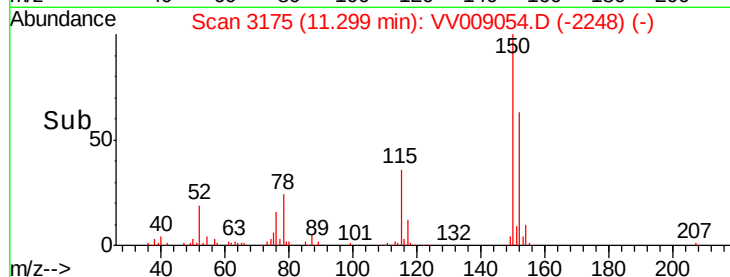
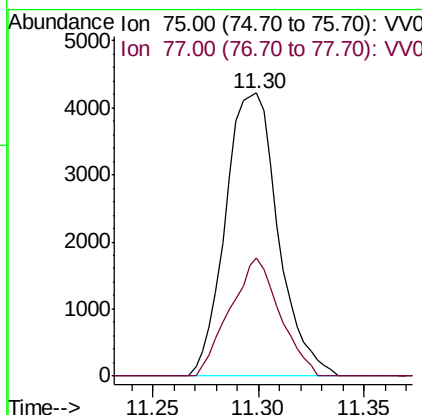
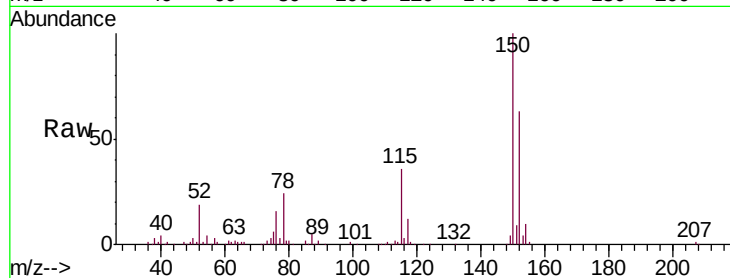




#59
 1,2,3-Trichloropropane
 Concen: 4.112 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV009054.D
 Acq: 19 Dec 2018 16:42

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JF9

Tgt Ion: 75 Resp: 7308
 Ion Ratio Lower Upper
 75 100
 77 39.4 25.6 38.4#



#69
 Naphthalene
 Concen: 1.175 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: VV009054.D
 Acq: 19 Dec 2018 16:42

Tgt Ion: 128 Resp: 4487
 Ion Ratio Lower Upper
 128 100
 129 5.8 8.6 13.0#
 127 12.9 10.0 15.0

