

Data File : VV009102.D
Acq On : 21 Dec 2018 00:14
Operator : SY/MD
Sample : J6468-10
Misc : 6.55 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG8

Quant Time: Dec 21 01:34:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195823	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164789	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53595	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37819	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.64%
7) Chloroethane-d5	1.58	69	45253	30.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.92%
10) 1,1-Dichloroethene-d2	2.13	63	78919	15.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.32%
20) 2-Butanone-d5	3.94	46	32011	43.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.78%
24) Chloroform-d	4.40	84	126455	26.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.44%
26) 1,2-Dichloroethane-d4	5.08	65	76528	29.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.16%
29) Benzene-d6	5.10	84	240554	26.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.56%
33) 1,2-Dichloropropane-d6	6.12	67	78985	30.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.60%#
37) Toluene-d8	7.36	98	204212	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.92%
38) trans-1,3-Dichloropropene-	7.67	79	27388	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.76%
39) 2-Hexanone-d5	8.14	63	19383	41.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56296	26.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.20%
61) 1,2-Dichlorobenzene-d4	11.68	152	52822	26.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.04%

Target Compounds

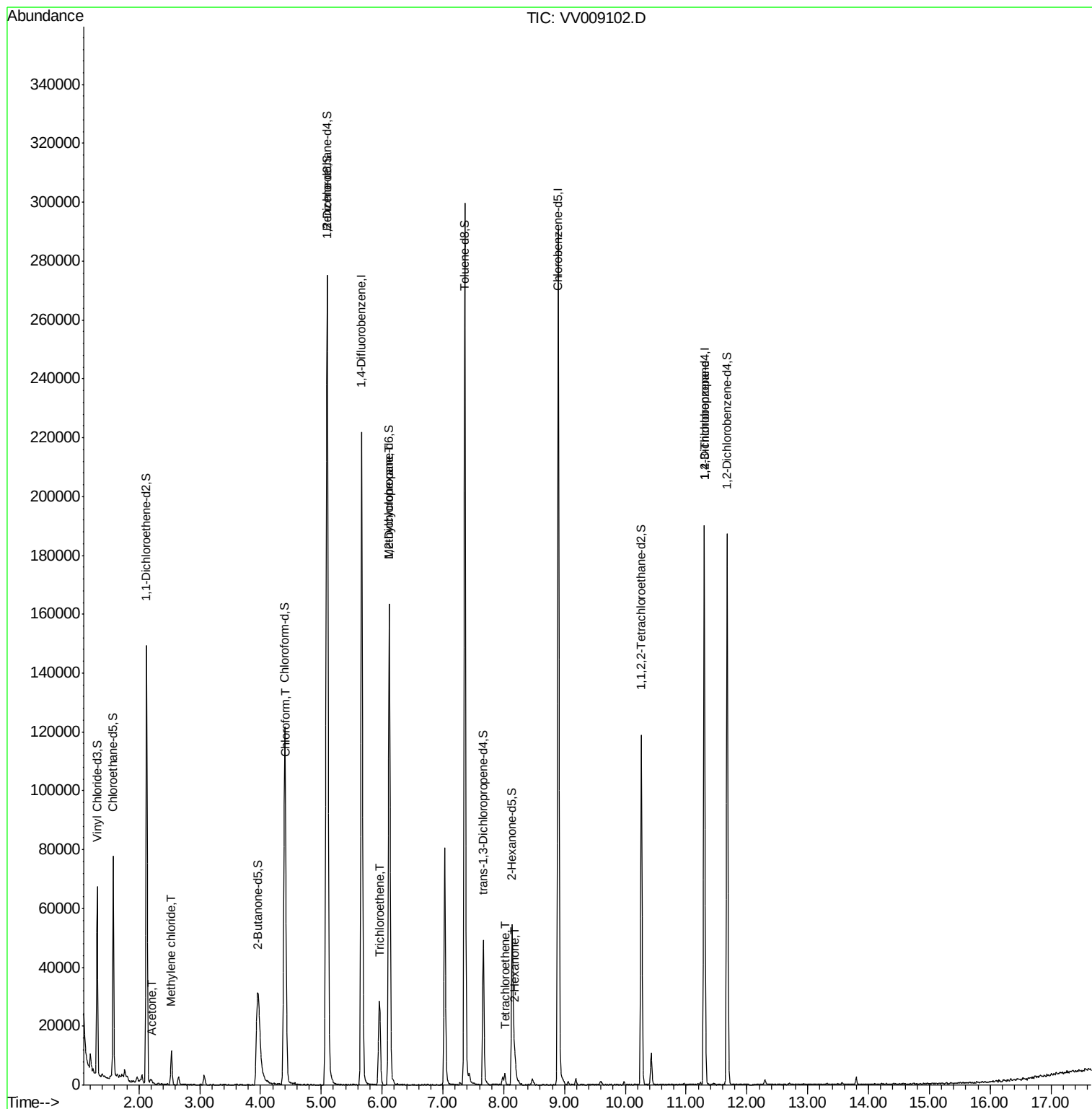
					Qvalue
13) Acetone	2.21	43	2535	2.332 ug/L	83
16) Methylene chloride	2.54	84	5006	1.518 ug/L	93
25) Chloroform	4.42	83	2106	0.444 ug/L #	34
35) Trichloroethene	5.96	95	7304	2.454 ug/L	97
36) Methylcyclohexane	6.12	83	19969	4.207 ug/L #	20
47) Tetrachloroethene	8.02	164	848	0.350 ug/L	94
49) 2-Hexanone	8.19	43	4733	3.572 ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	5691	3.082 ug/L	90

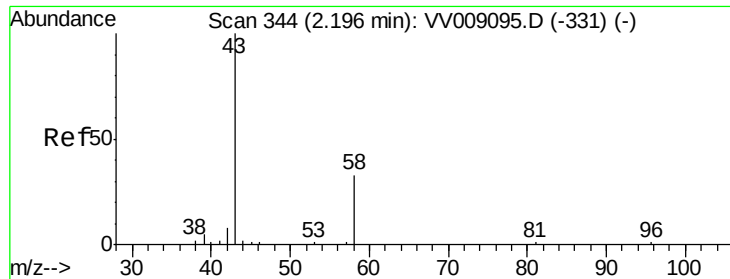
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009102.D
Acq On : 21 Dec 2018 00:14
Operator : SY/MD
Sample : J6468-10
Misc : 6.55 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG8

Quant Time: Dec 21 01:34:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.332 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV009102.D

Acq: 21 Dec 2018 00:14

Instrument :

MSVOA_V

ClientSampled :

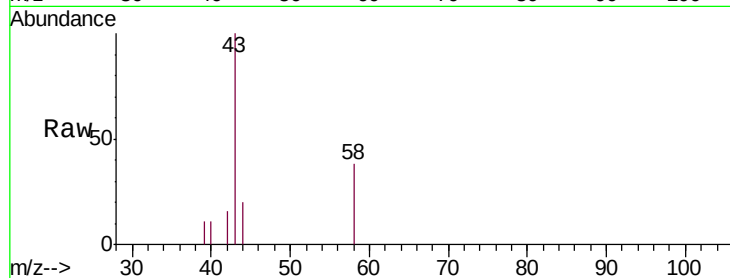
C0JG8

Tgt Ion: 43 Resp: 2535

Ion Ratio Lower Upper

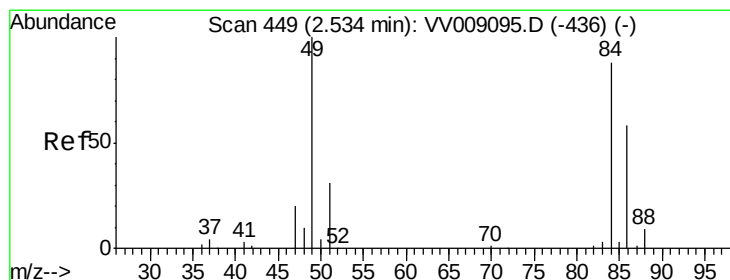
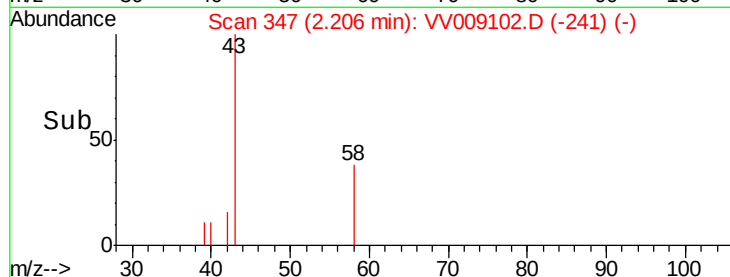
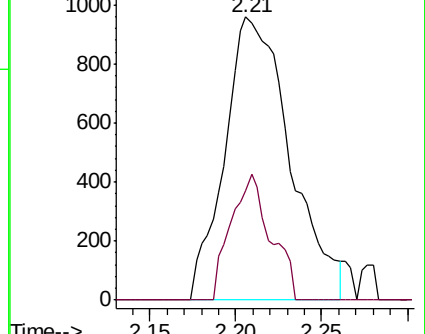
43 100

58 23.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009102.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VV009102.D (-347) (-)



#16

Methylene chloride

Concen: 1.518 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009102.D

Acq: 21 Dec 2018 00:14

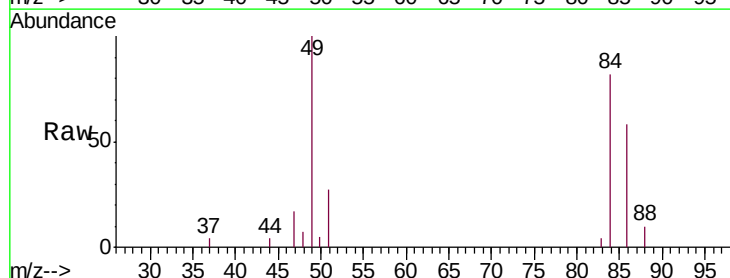
Tgt Ion: 84 Resp: 5006

Ion Ratio Lower Upper

84 100

49 122.4 80.5 149.5

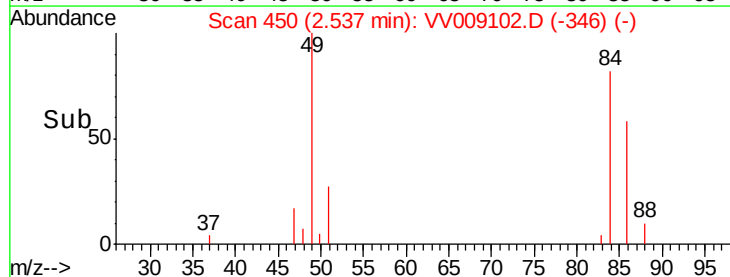
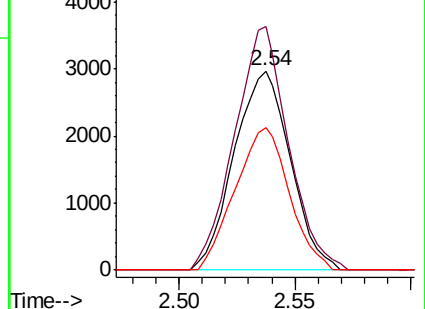
86 71.6 45.5 84.5

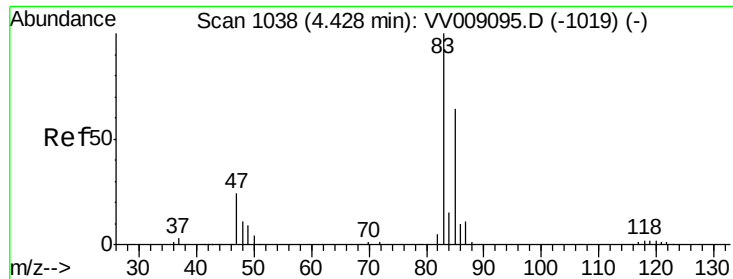


Abundance Ion 84.00 (83.70 to 84.70): VV009102.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009102.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009102.D (-346) (-)

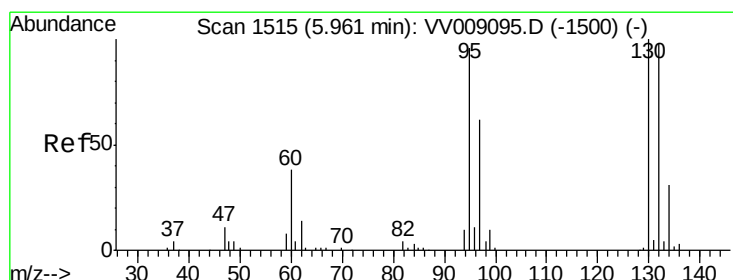
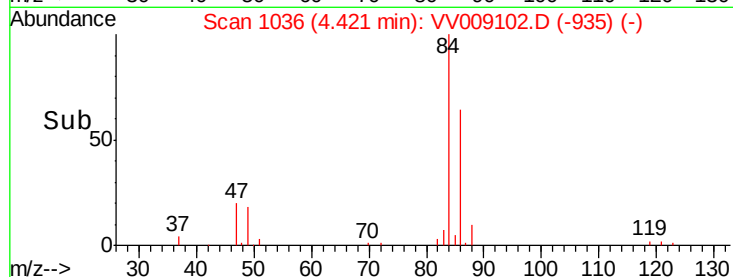
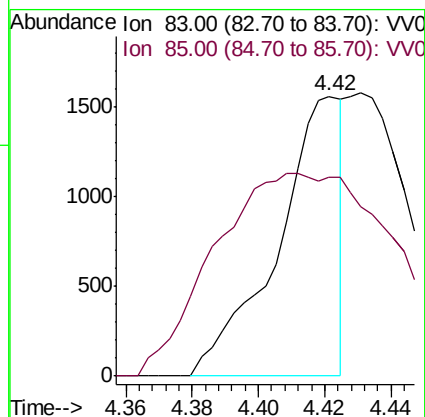
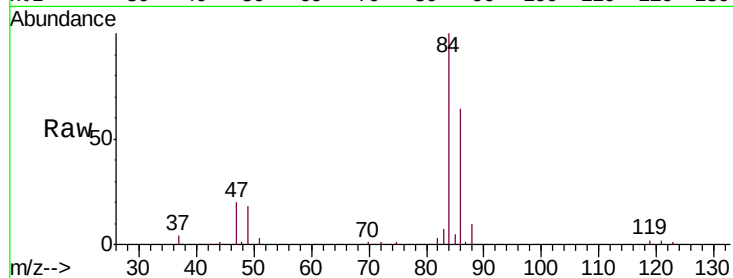




#25
Chloroform
Concen: 0.444 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV009102.D
Acq: 21 Dec 2018 00:14

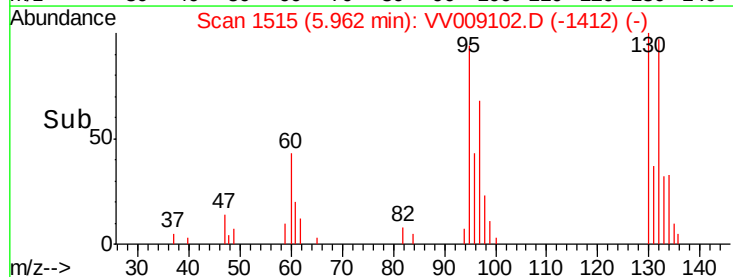
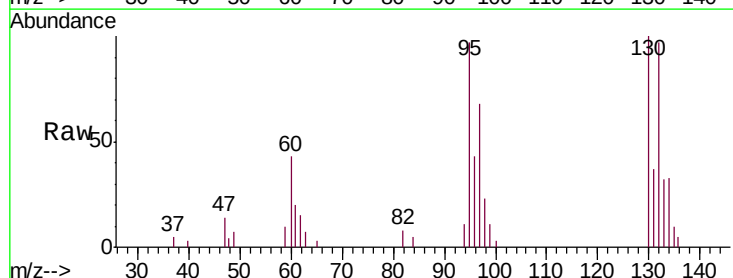
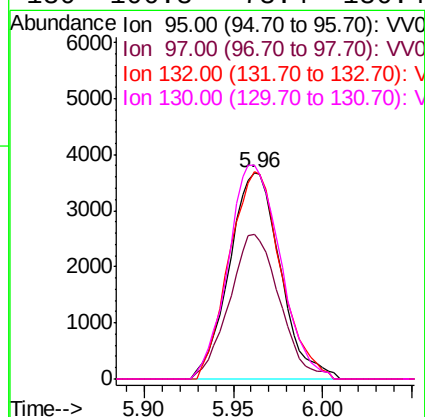
Instrument :
MSVOA_V
ClientSampleId :
C0JG8

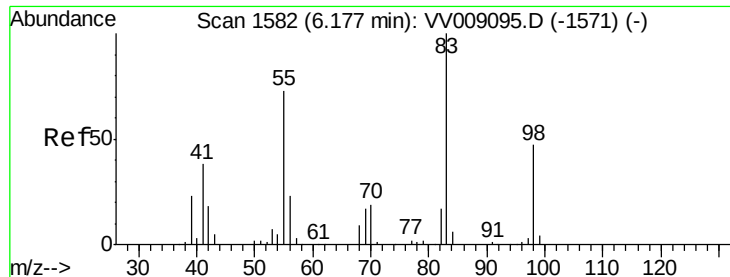
Tgt Ion: 83 Resp: 2106
Ion Ratio Lower Upper
83 100
85 117.0 45.6 84.8#



#35
Trichloroethene
Concen: 2.454 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009102.D
Acq: 21 Dec 2018 00:14

Tgt Ion: 95 Resp: 7304
Ion Ratio Lower Upper
95 100
97 69.3 45.3 84.1
132 102.2 70.0 130.0
130 106.3 73.4 136.4

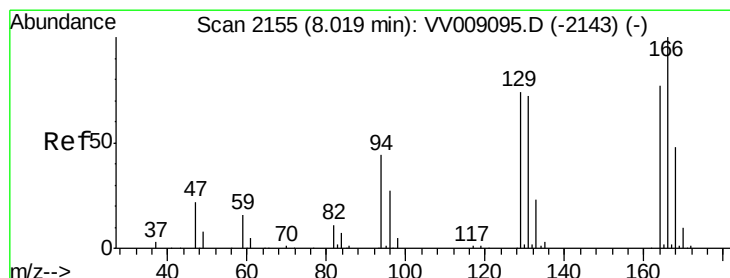
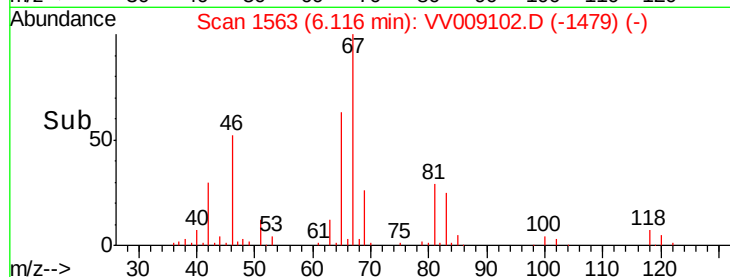
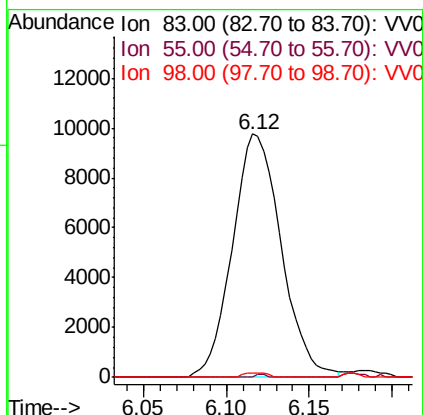
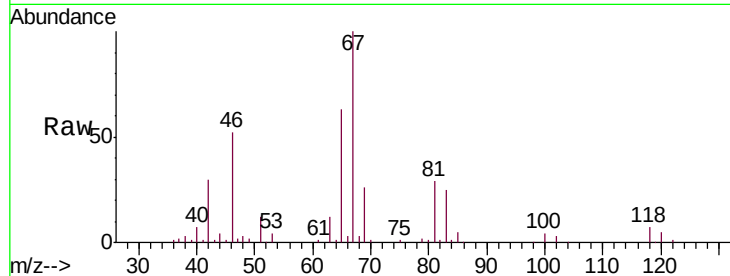




#36
Methylcyclohexane
Concen: 4.207 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009102.D
Acq: 21 Dec 2018 00:14

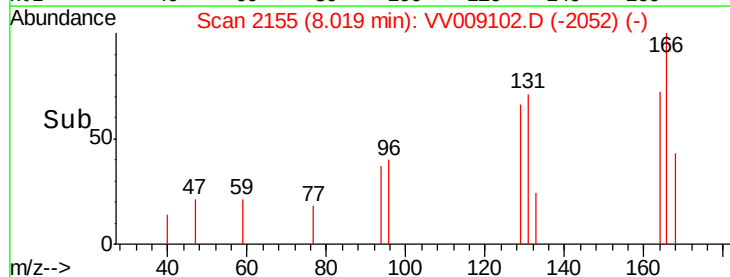
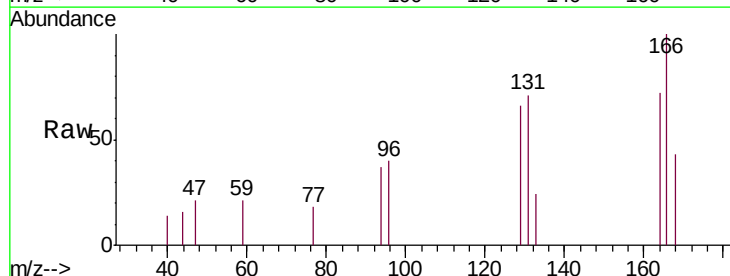
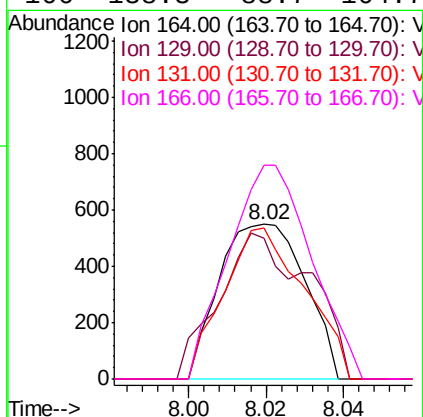
Instrument :
MSVOA_V
ClientSampled :
C0JG8

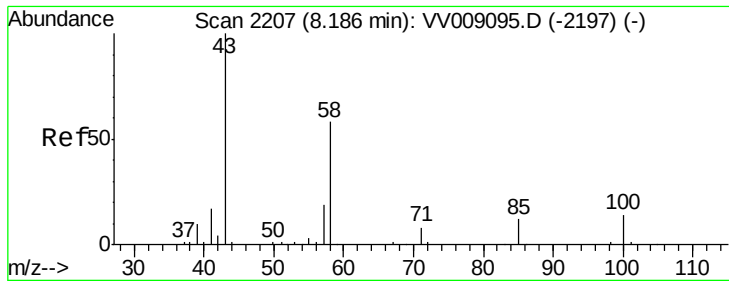
Tgt Ion: 83 Resp: 19969
Ion Ratio Lower Upper
83 100
55 0.2 58.2 87.2#
98 0.9 37.8 56.8#



#47
Tetrachloroethene
Concen: 0.350 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009102.D
Acq: 21 Dec 2018 00:14

Tgt Ion: 164 Resp: 848
Ion Ratio Lower Upper
164 100
129 90.7 64.6 120.0
131 97.6 64.5 119.7
166 138.3 88.7 164.7

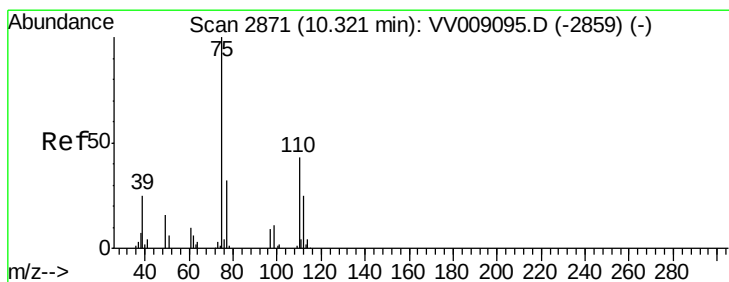
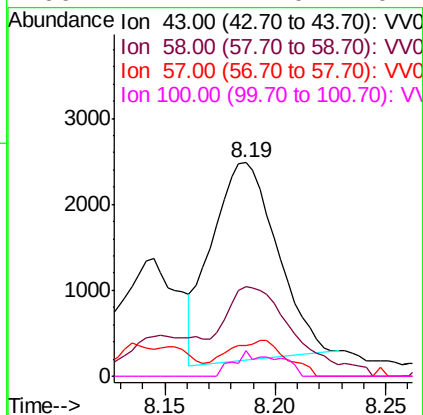
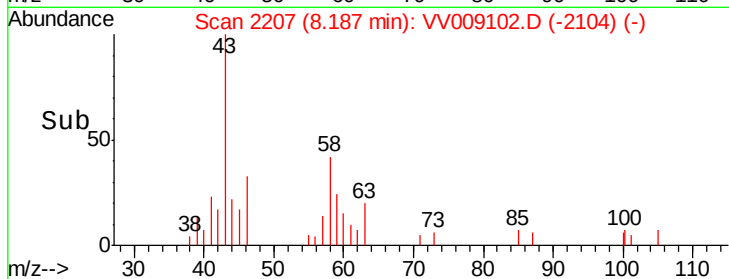
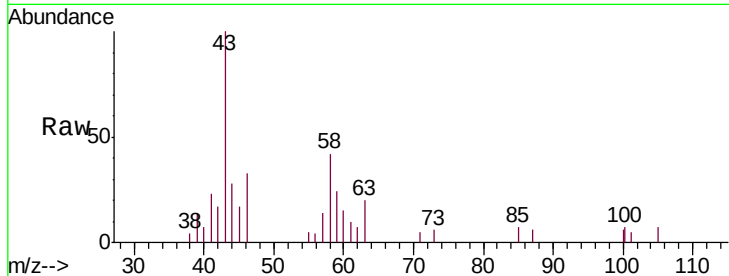




#49
2-Hexanone
Concen: 3.572 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009102.D
Acq: 21 Dec 2018 00:14

Instrument :
MSVOA_V
ClientSampleId :
C0JG8

Tgt Ion: 43 Resp: 4733
Ion Ratio Lower Upper
43 100
58 47.5 43.9 65.9
57 0.0 15.7 23.5#
100 1.2 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 3.082 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009102.D
Acq: 21 Dec 2018 00:14

Tgt Ion: 75 Resp: 5691
Ion Ratio Lower Upper
75 100
77 37.6 25.6 38.4

