

Data File : VV010928.D
Acq On : 16 May 2019 12:12
Operator : SY/MD
Sample : K2788-12RE
Misc : 6.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A1

Quant Time: May 17 05:22:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	103147	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	105861	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46586	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31238	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.08%
7) Chloroethane-d5	1.56	69	24008	28.03	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.12%
10) 1,1-Dichloroethene-d2	2.12	63	46519	18.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.84%
20) 2-Butanone-d5	3.93	46	27544	66.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.24%
24) Chloroform-d	4.40	84	72339	24.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	5.08	65	44429	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.96%
29) Benzene-d6	5.09	84	146368	24.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.92%
33) 1,2-Dichloropropane-d6	6.11	67	49760	26.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.48%
37) Toluene-d8	7.36	98	128272	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.12%
38) trans-1,3-Dichloropropene-	7.66	79	18885	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.64%
39) 2-Hexanone-d5	8.13	63	22498	63.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50337	29.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	53454	27.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.88%

Target Compounds

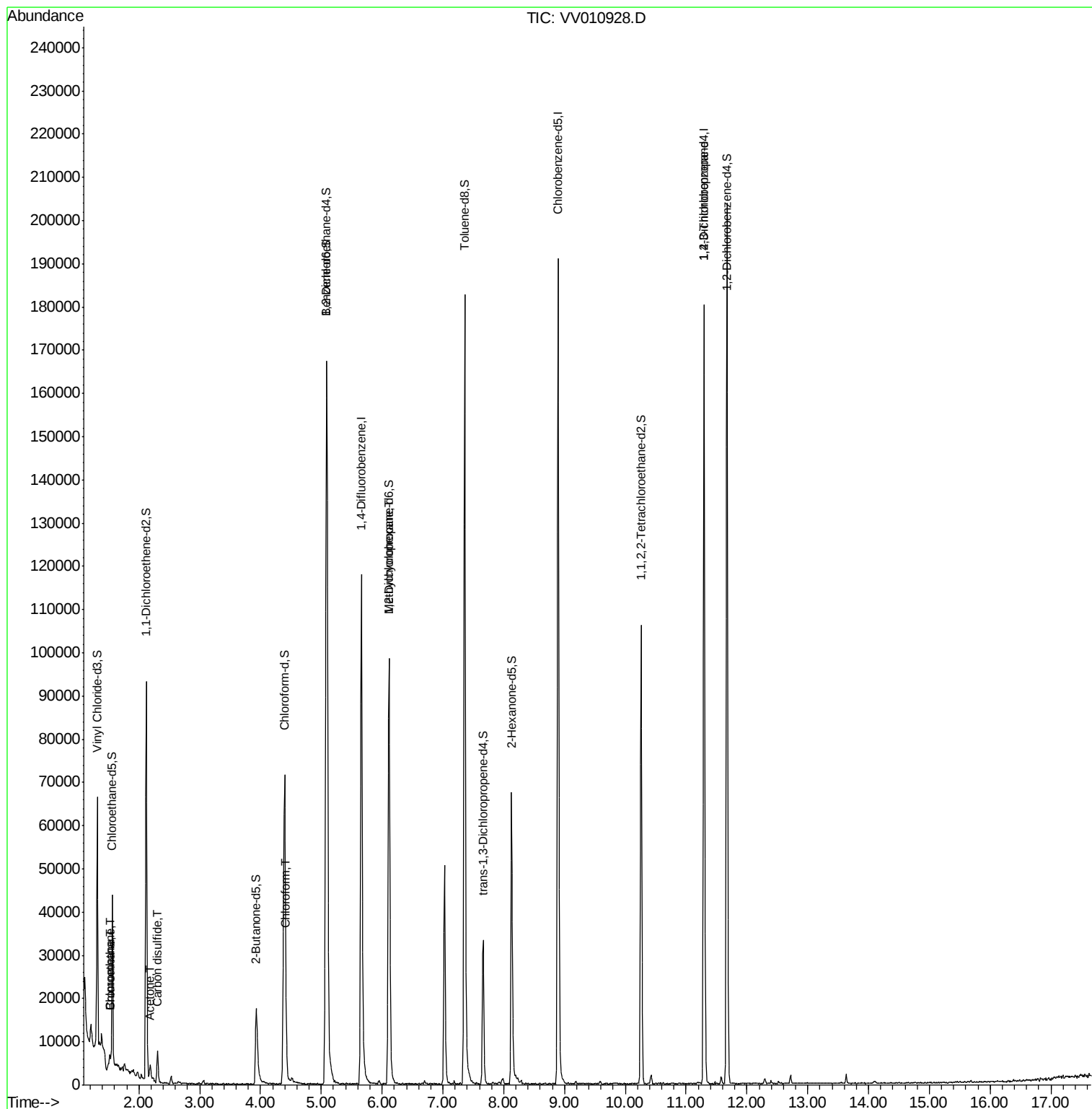
					Qvalue
6) Bromomethane	1.51	94	557	1.626 ug/L	95
8) Chloroethane	1.52	64	1282	1.680 ug/L #	55
13) Acetone	2.19	43	2240	5.319 ug/L	88
14) Carbon disulfide	2.31	76	6815	1.903 ug/L	99
25) Chloroform	4.43	83	2613	0.879 ug/L #	24
36) Methylcyclohexane	6.12	83	11202	5.034 ug/L #	18
59) 1,2,3-Trichloropropane	11.29	75	6113	4.720 ug/L	91

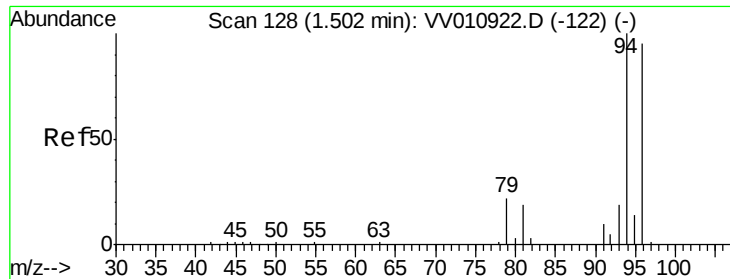
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010928.D
Acq On : 16 May 2019 12:12
Operator : SY/MD
Sample : K2788-12RE
Misc : 6.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A1

Quant Time: May 17 05:22:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

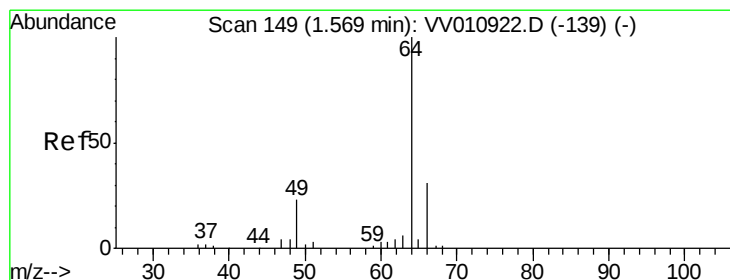
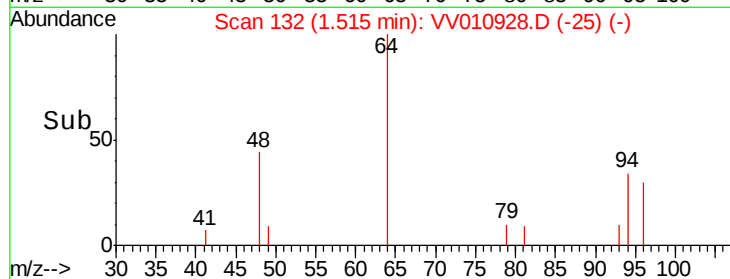
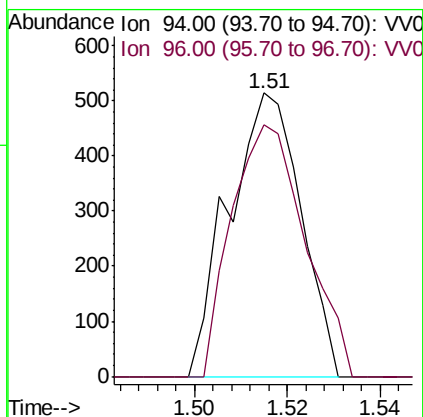
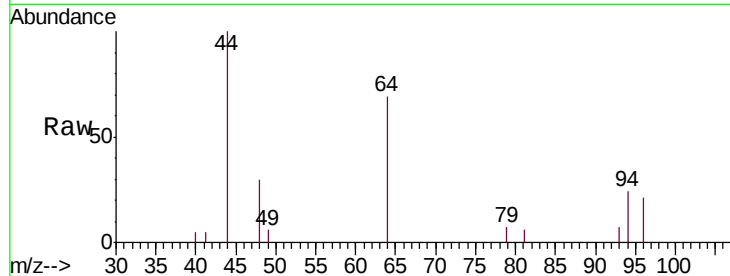




#6
Bromomethane
Concen: 1.626 ug/L
RT: 1.51 min Scan# 132
Delta R.T. 0.01 min
Lab File: VV010928.D
Acq: 16 May 2019 12:12

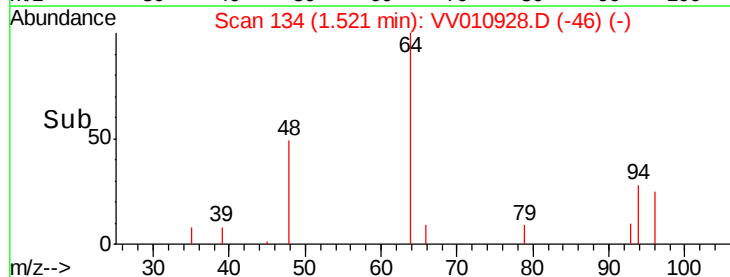
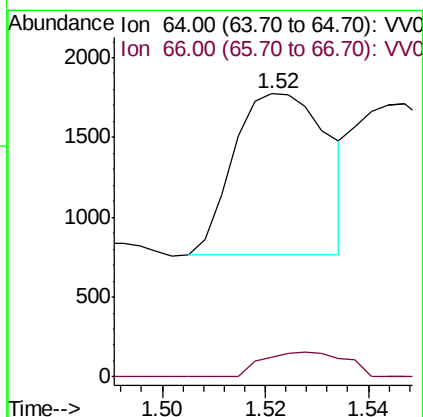
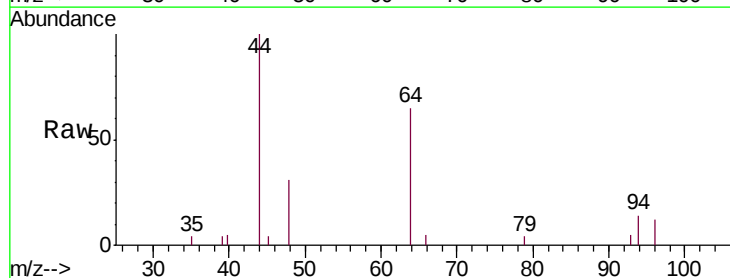
Instrument :
MSVOA_V
ClientSampleId :
A51A1

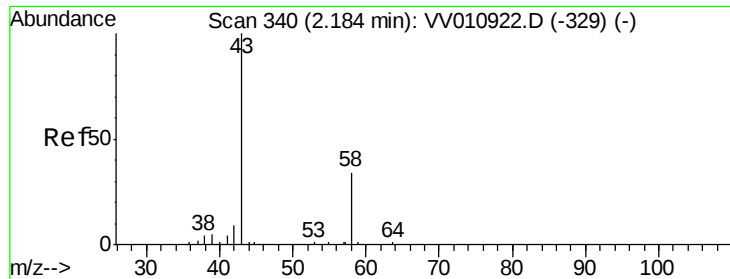
Tgt Ion: 94 Resp: 557
Ion Ratio Lower Upper
94 100
96 90.7 9.6 181.6



#8
Chloroethane
Concen: 1.680 ug/L
RT: 1.52 min Scan# 134
Delta R.T. -0.05 min
Lab File: VV010928.D
Acq: 16 May 2019 12:12

Tgt Ion: 64 Resp: 1282
Ion Ratio Lower Upper
64 100
66 7.2 22.5 41.9#





#13

Acetone

Concen: 5.319 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV010928.D

Acq: 16 May 2019 12:12

Instrument :

MSVOA_V

ClientSampleId :

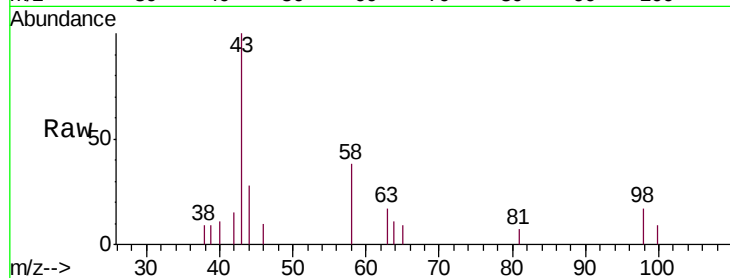
A51A1

Tgt Ion: 43 Resp: 2240

Ion Ratio Lower Upper

43 100

58 41.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010928.D (-342) (-)

Ion 58.00 (57.70 to 58.70): VV010928.D (-342) (-)

2.19

1500

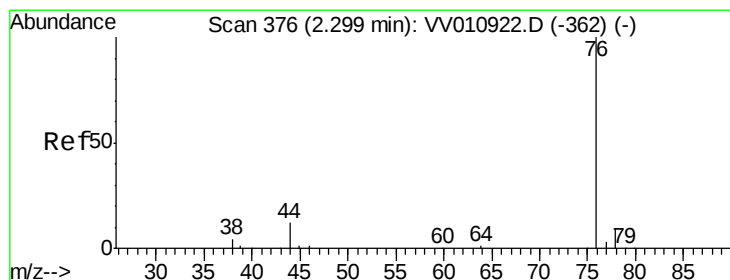
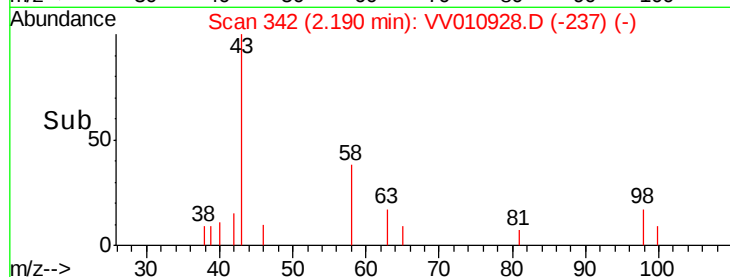
1000

500

0

2.15 2.20

Time-->



#14

Carbon disulfide

Concen: 1.903 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV010928.D

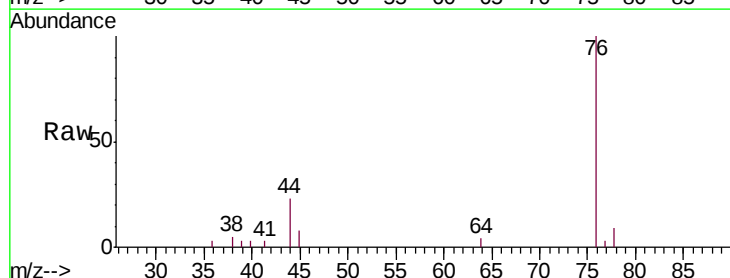
Acq: 16 May 2019 12:12

Tgt Ion: 76 Resp: 6815

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV010928.D (-379) (-)

Ion 78.00 (77.70 to 78.70): VV010928.D (-379) (-)

2.31

5000

4000

3000

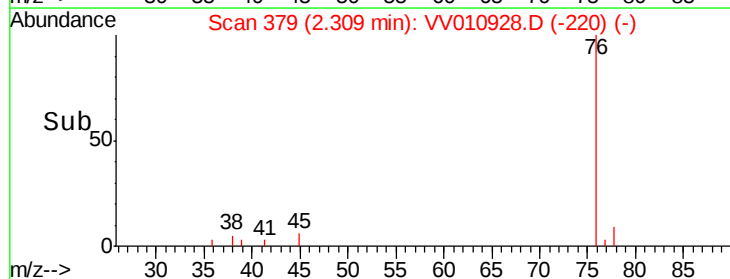
2000

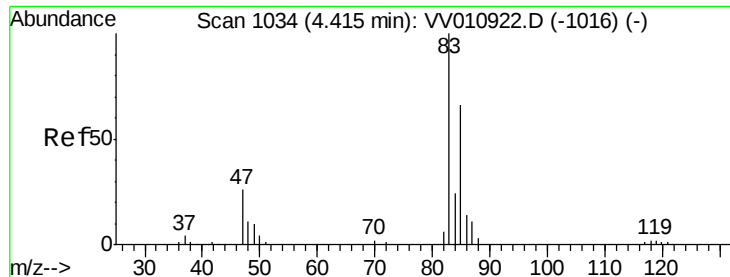
1000

0

2.25 2.30 2.35

Time-->

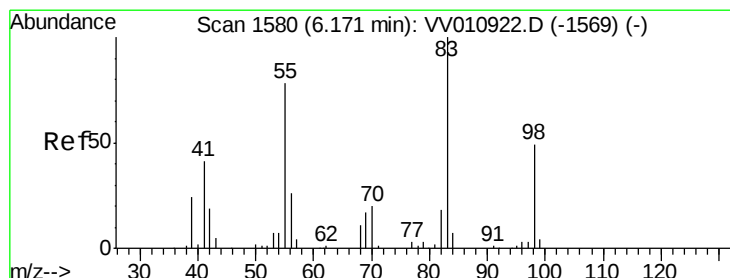
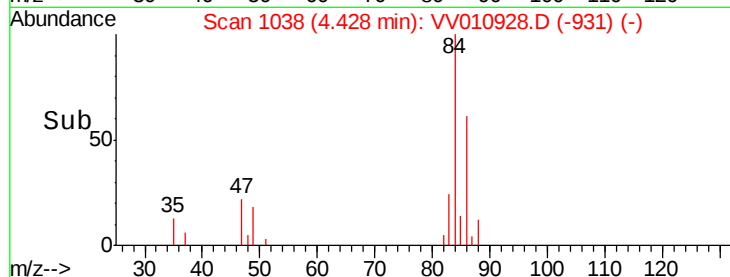
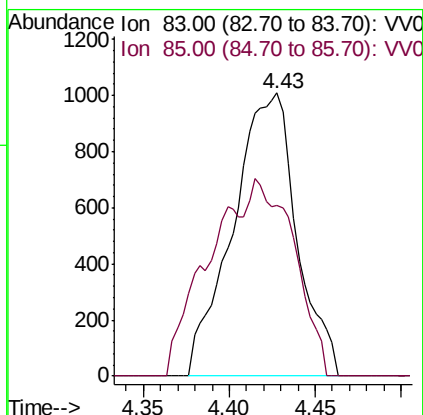
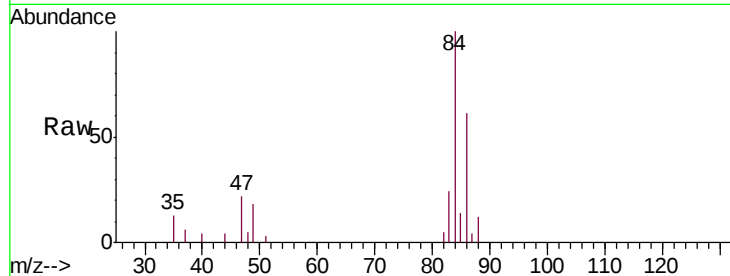




#25
Chloroform
Concen: 0.879 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV010928.D
Acq: 16 May 2019 12:12

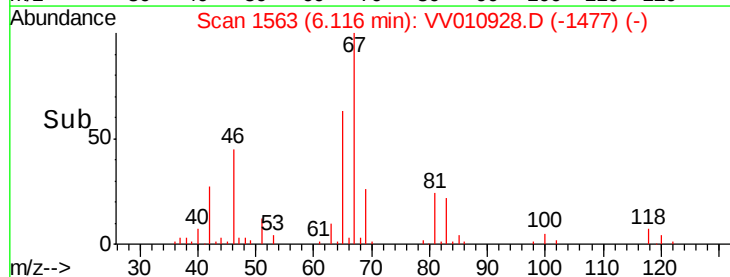
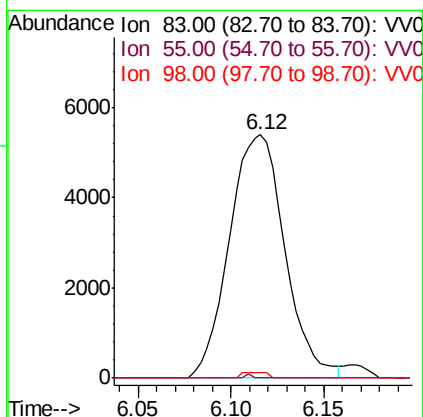
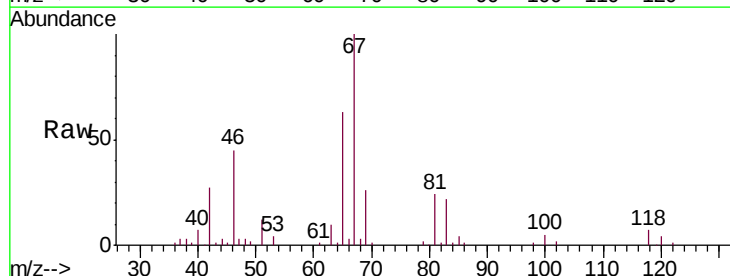
Instrument :
MSVOA_V
ClientSampleId :
A51A1

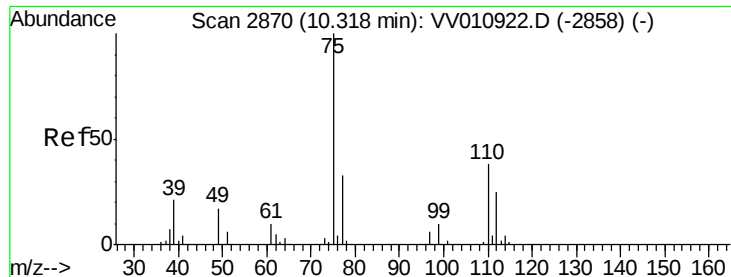
Tgt Ion: 83 Resp: 2613
Ion Ratio Lower Upper
83 100
85 5.2 45.3 84.1#



#36
Methylcyclohexane
Concen: 5.034 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV010928.D
Acq: 16 May 2019 12:12

Tgt Ion: 83 Resp: 11202
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 37.2 55.8#





#59
 1,2,3-Trichloropropane
 Concen: 4.720 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010928.D
 Acq: 16 May 2019 12:12

Instrument :
 MSVOA_V
 ClientSampleId :
 A51A1

Tgt Ion: 75 Resp: 6113
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.4 39.6

