

Data File : VV010976.D
Acq On : 20 May 2019 23:46
Operator : SY/MD
Sample : K2846-19
Misc : 3.59G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA1

Quant Time: May 21 04:08:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	111279	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	112587	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40904	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20813	16.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.64%
7) Chloroethane-d5	1.57	69	16185	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
10) 1,1-Dichloroethene-d2	2.12	63	31680	12.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.96%
20) 2-Butanone-d5	3.94	46	19974	45.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.26%
24) Chloroform-d	4.40	84	50644	17.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.28%
26) 1,2-Dichloroethane-d4	5.08	65	37319	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.88%
29) Benzene-d6	5.10	84	123100	20.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.12%
33) 1,2-Dichloropropane-d6	6.12	67	42693	21.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.44%
37) Toluene-d8	7.36	98	103691	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.60%
38) trans-1,3-Dichloropropene-	7.66	79	12598	15.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.84%
39) 2-Hexanone-d5	8.13	63	16384	44.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38915	19.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	35442	21.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.36%

Target Compounds

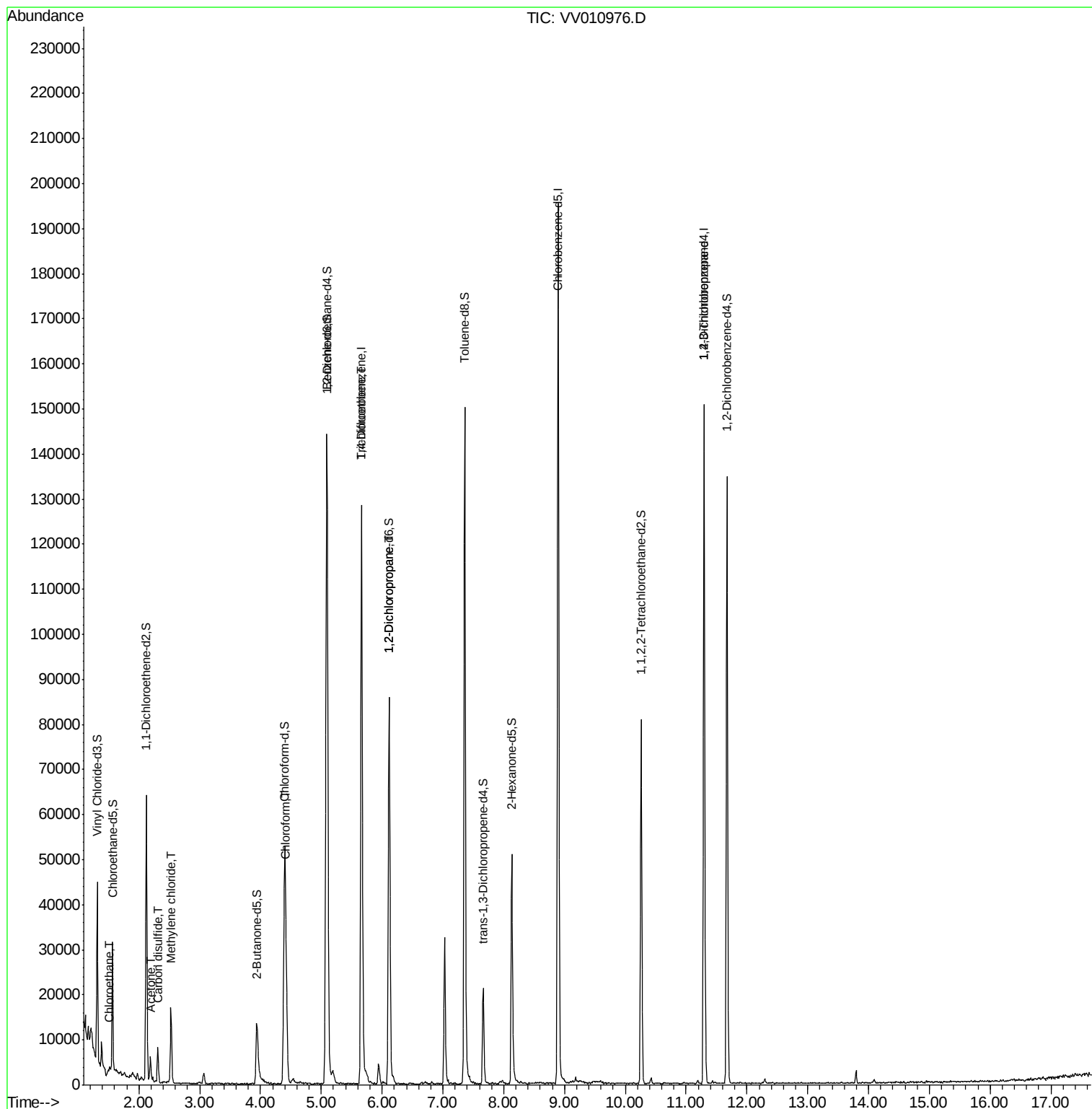
					Qvalue
8) Chloroethane	1.53	64	1220	1.631 ug/L #	60
13) Acetone	2.19	43	4707	11.150 ug/L	99
14) Carbon disulfide	2.31	76	6902	2.099 ug/L #	93
16) Methylene chloride	2.53	84	7033	3.683 ug/L	97
25) Chloroform	4.42	83	15569	4.665 ug/L	97
35) Trichloroethene	5.66	95	3462	1.931 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	4656	2.730 ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	5434	3.865 ug/L	91

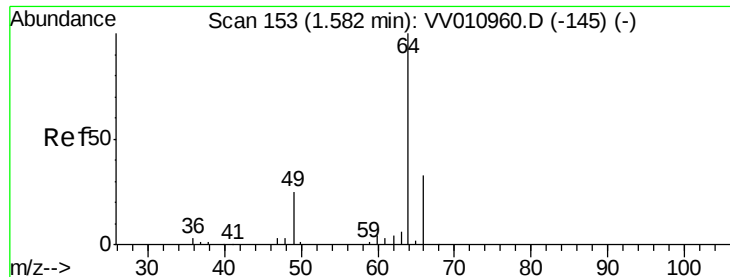
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010976.D
Acq On : 20 May 2019 23:46
Operator : SY/MD
Sample : K2846-19
Misc : 3.59G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA1

Quant Time: May 21 04:08:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

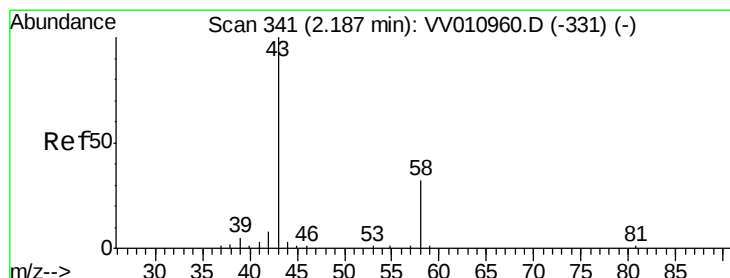
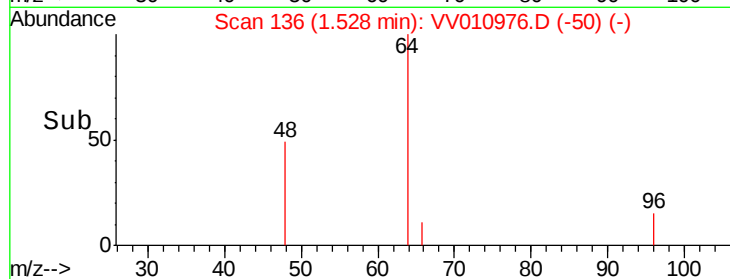
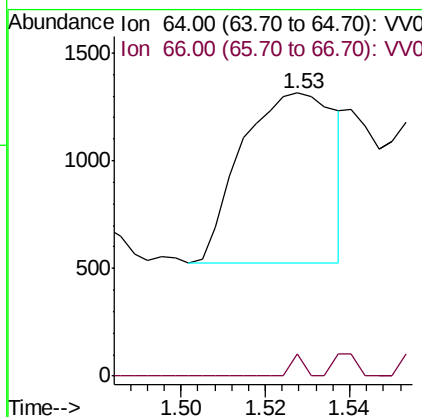
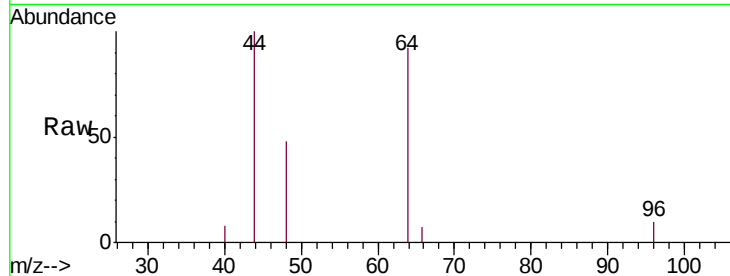




#8
 Chloroethane
 Concen: 1.631 ug/L
 RT: 1.53 min Scan# 136
 Delta R.T. -0.05 min
 Lab File: VV010976.D
 Acq: 20 May 2019 23:46

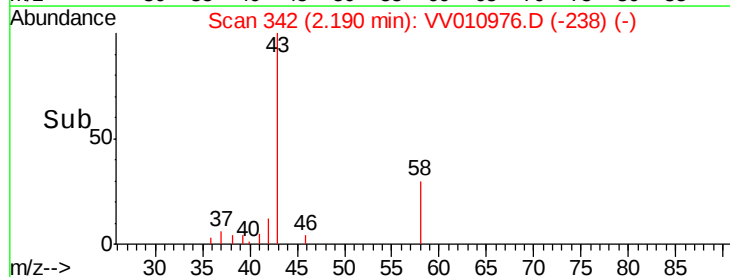
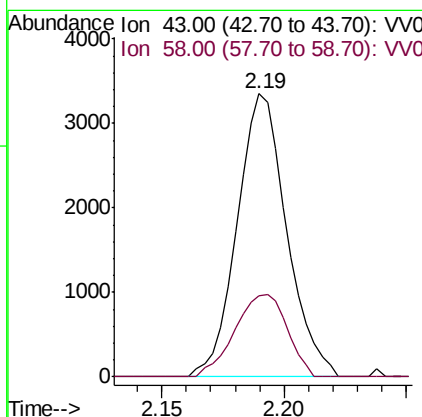
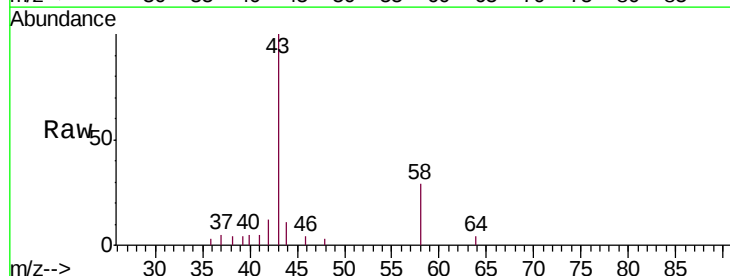
Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA1

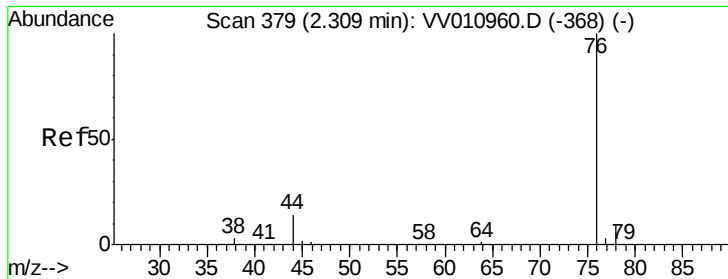
Tgt Ion: 64 Resp: 1220
 Ion Ratio Lower Upper
 64 100
 66 7.8 20.4 37.8#



#13
 Acetone
 Concen: 11.150 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV010976.D
 Acq: 20 May 2019 23:46

Tgt Ion: 43 Resp: 4707
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 60.8





#14

Carbon disulfide

Concen: 2.099 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV010976.D

Acq: 20 May 2019 23:46

Instrument :

MSVOA_V

ClientSampled :

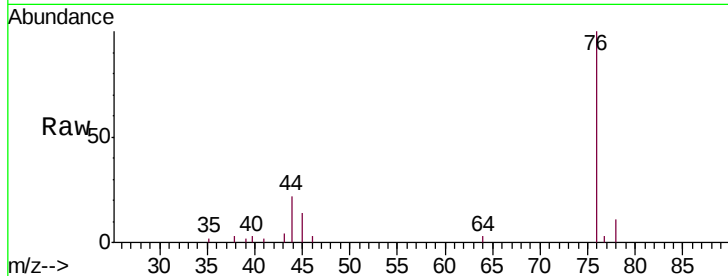
BFHA1

Tgt Ion: 76 Resp: 6902

Ion Ratio Lower Upper

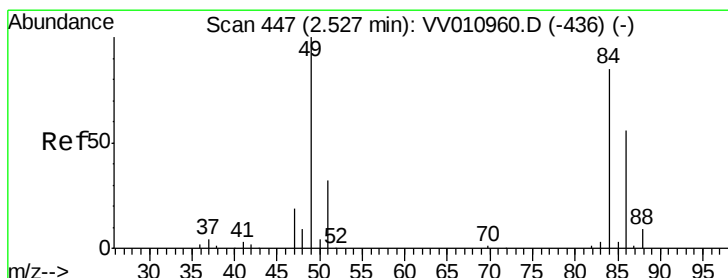
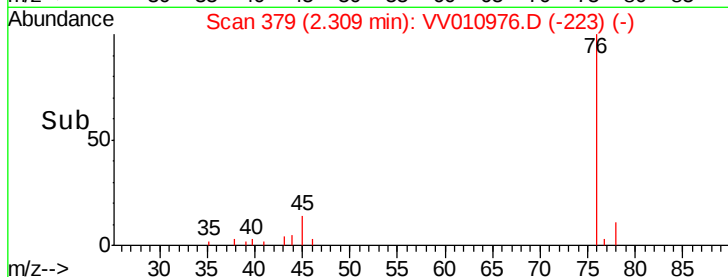
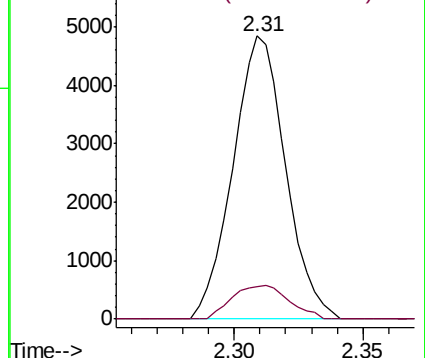
76 100

78 11.4 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 3.683 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV010976.D

Acq: 20 May 2019 23:46

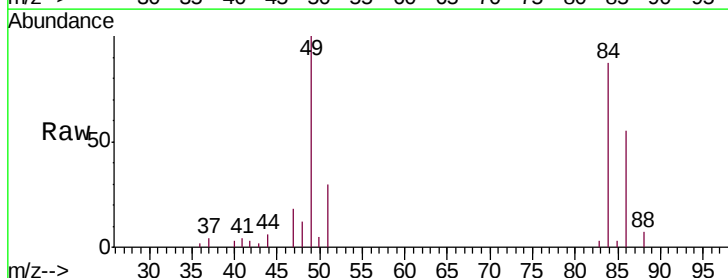
Tgt Ion: 84 Resp: 7033

Ion Ratio Lower Upper

84 100

49 114.7 77.4 143.8

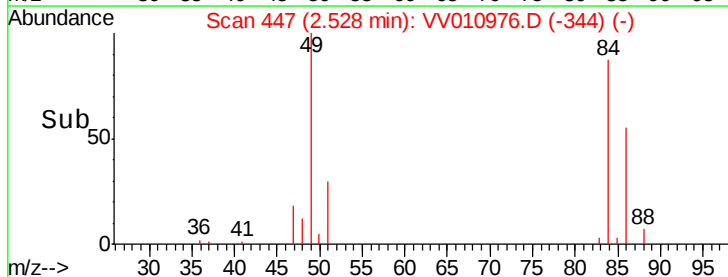
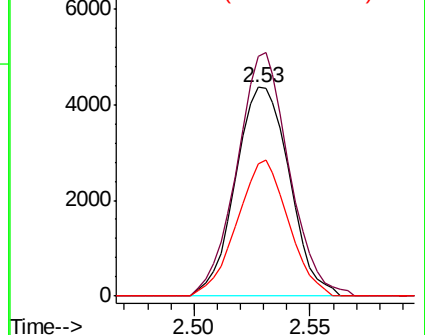
86 63.6 44.0 81.6

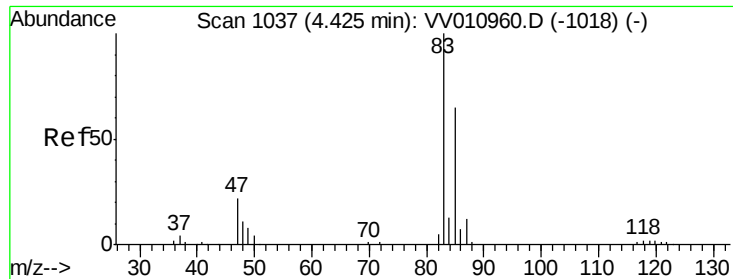


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

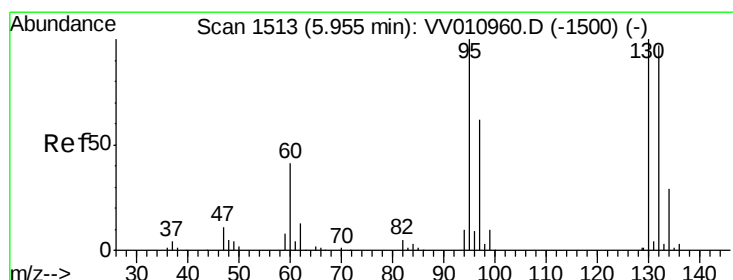
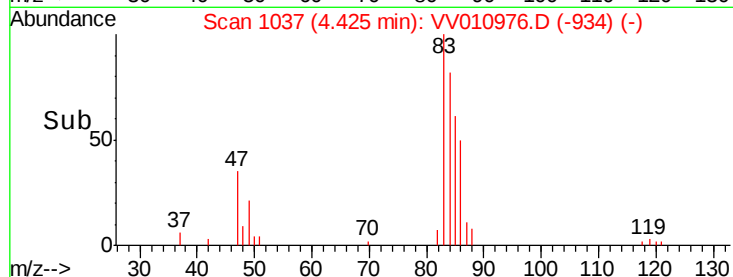
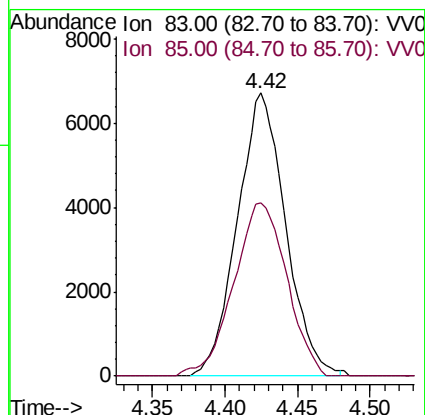
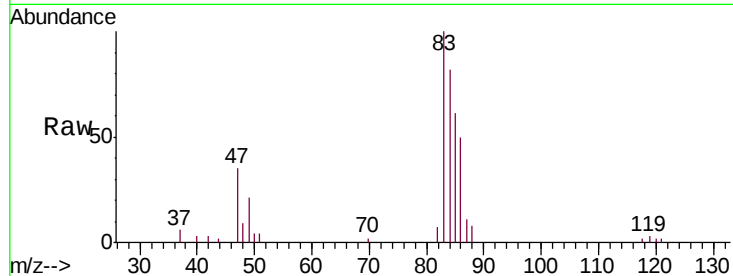




#25
Chloroform
Concen: 4.665 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010976.D
Acq: 20 May 2019 23:46

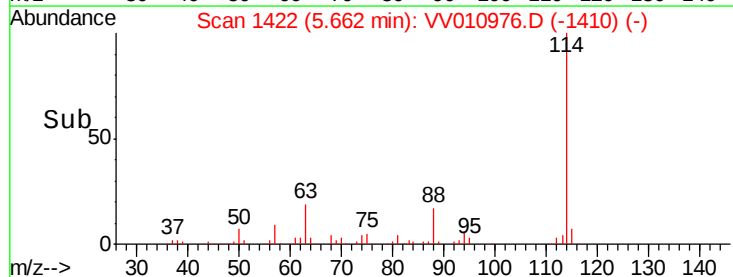
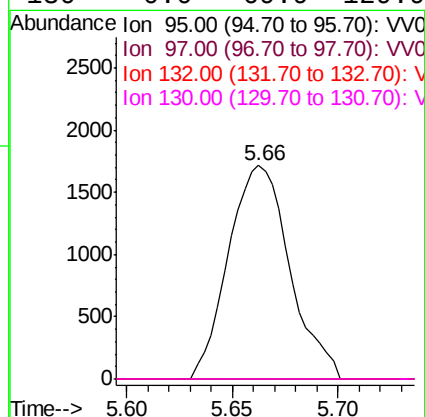
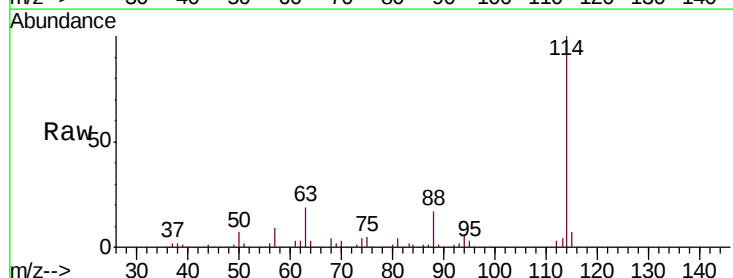
Instrument :
MSVOA_V
ClientSampleId :
BFHA1

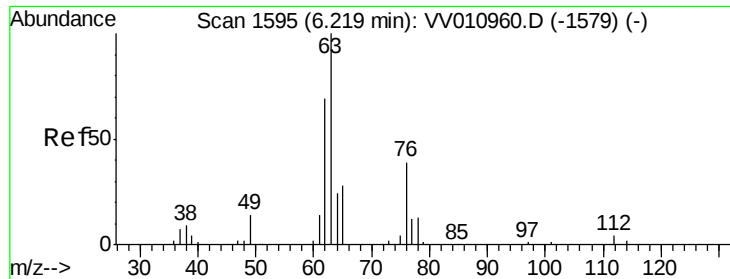
Tgt Ion: 83 Resp: 15569
Ion Ratio Lower Upper
83 100
85 67.2 45.6 84.8



#35
Trichloroethene
Concen: 1.931 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010976.D
Acq: 20 May 2019 23:46

Tgt Ion: 95 Resp: 3462
Ion Ratio Lower Upper
95 100
97 0.0 43.4 80.6#
132 1.2 68.8 127.8#
130 0.0 69.9 129.9#

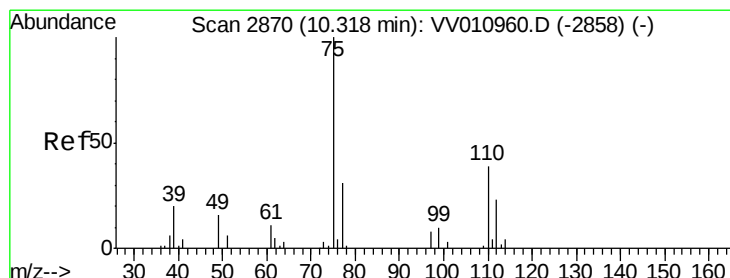
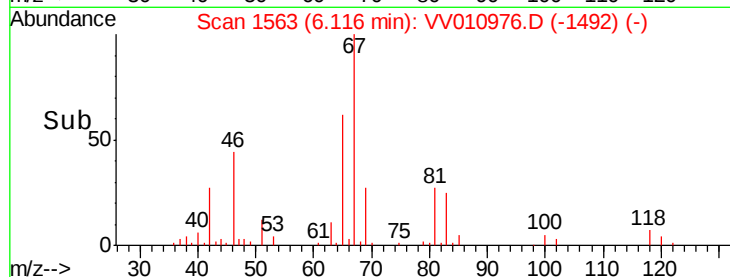
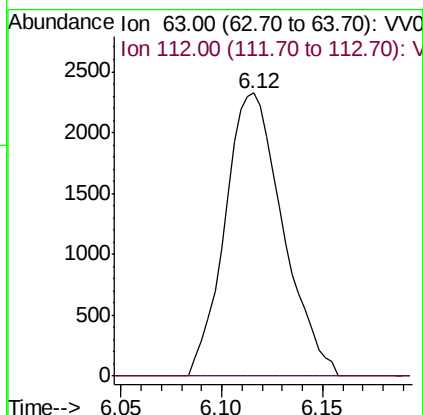
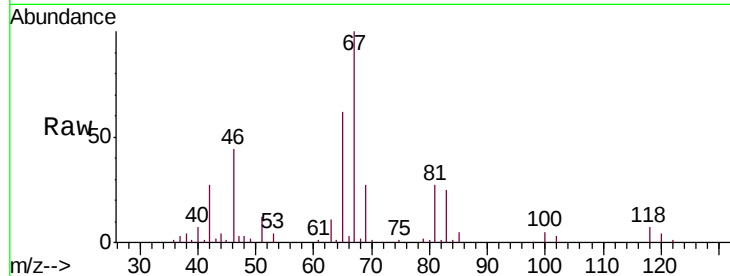




#40
 1,2-Dichloropropane
 Concen: 2.730 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010976.D
 Acq: 20 May 2019 23:46

Instrument :
 MSVOA_V
 ClientSampled :
 BFHA1

Tgt Ion: 63 Resp: 4656
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#59
 1,2,3-Trichloropropane
 Concen: 3.865 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010976.D
 Acq: 20 May 2019 23:46

Tgt Ion: 75 Resp: 5434
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.4 38.2

