

Data File : VV010972.D
Acq On : 20 May 2019 21:54
Operator : SY/MD
Sample : K2846-15
Misc : 4.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHB8

Quant Time: May 21 04:07:55 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	102369	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	101171	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39711	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20077	17.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.80%
7) Chloroethane-d5	1.57	69	16332	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
10) 1,1-Dichloroethene-d2	2.12	63	29854	13.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.20%
20) 2-Butanone-d5	3.94	46	21089	52.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.74%
24) Chloroform-d	4.40	84	45748	17.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.00%
26) 1,2-Dichloroethane-d4	5.08	65	36229	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	5.10	84	117911	21.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.40%
33) 1,2-Dichloropropane-d6	6.12	67	41578	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
37) Toluene-d8	7.36	98	98348	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.60%
38) trans-1,3-Dichloropropene-	7.66	79	13482	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.84%
39) 2-Hexanone-d5	8.13	63	18956	57.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42693	24.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	37849	23.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.88%

Target Compounds

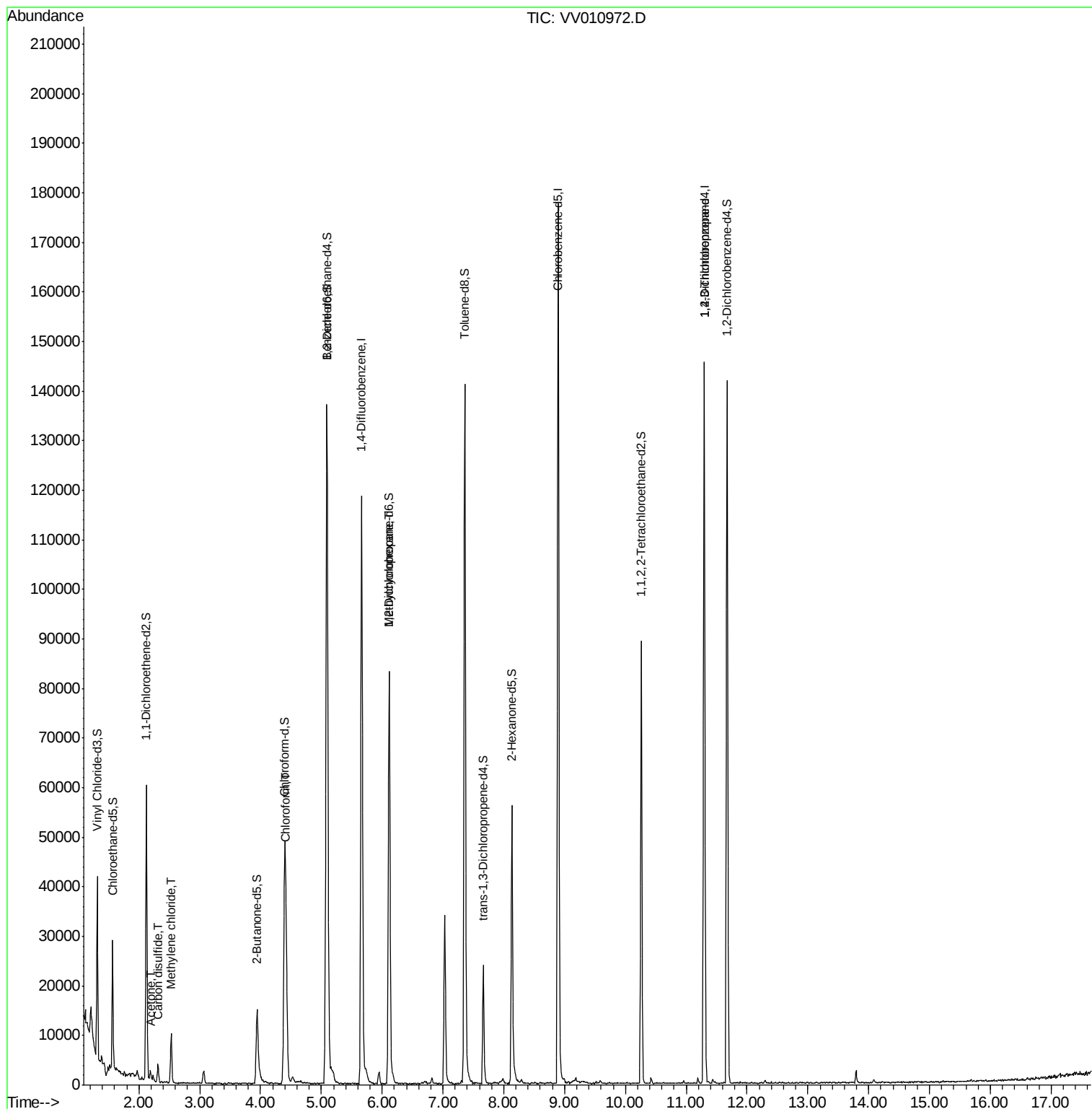
					Qvalue
13) Acetone	2.19	43	1614	4.156 ug/L	86
14) Carbon disulfide	2.31	76	2331	0.771 ug/L #	90
16) Methylene chloride	2.53	84	4051	2.306 ug/L	96
25) Chloroform	4.42	83	17173	5.593 ug/L	96
36) Methylcyclohexane	6.12	83	9879	4.147 ug/L #	21
59) 1,2,3-Trichloropropane	11.29	75	5127	4.058 ug/L	91

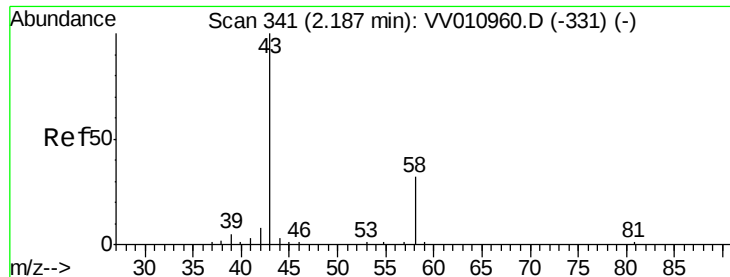
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010972.D
Acq On : 20 May 2019 21:54
Operator : SY/MD
Sample : K2846-15
Misc : 4.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHB8

Quant Time: May 21 04:07:55 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





#13

Acetone

Concen: 4.156 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV010972.D

Acq: 20 May 2019 21:54

Instrument :

MSVOA_V

ClientSampled :

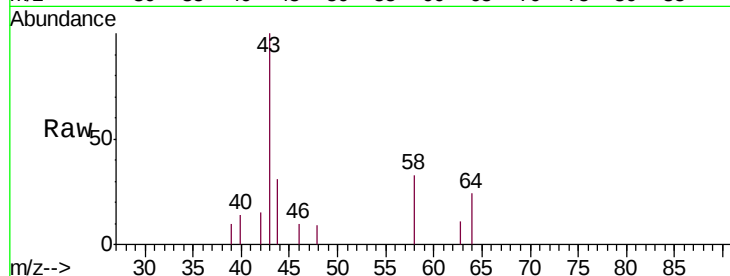
BFHB8

Tgt Ion: 43 Resp: 1614

Ion Ratio Lower Upper

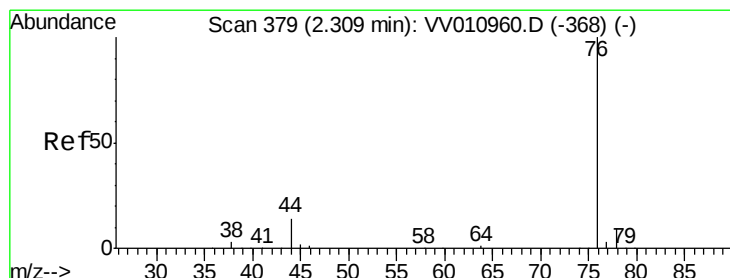
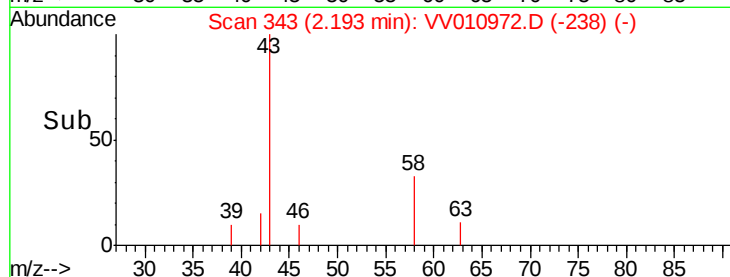
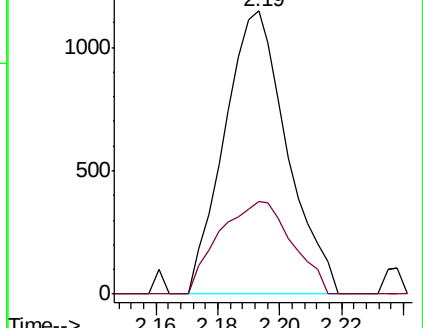
43 100

58 38.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV010972.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010972.D (-238) (-)



#14

Carbon disulfide

Concen: 0.771 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV010972.D

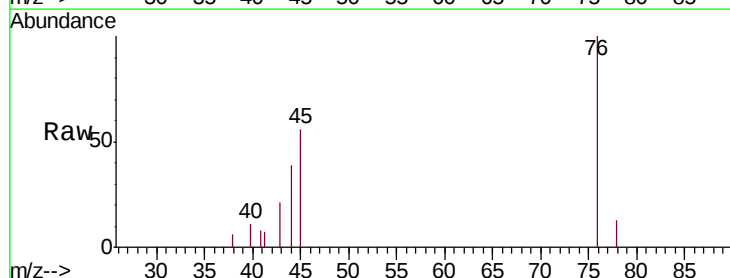
Acq: 20 May 2019 21:54

Tgt Ion: 76 Resp: 2331

Ion Ratio Lower Upper

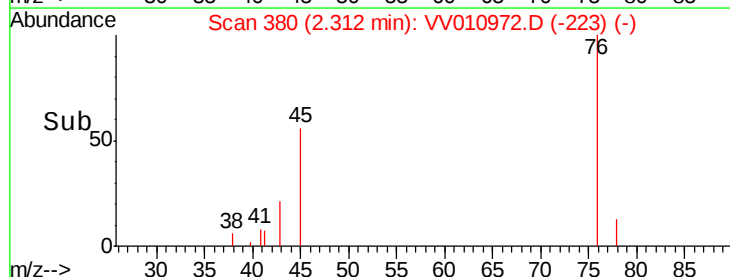
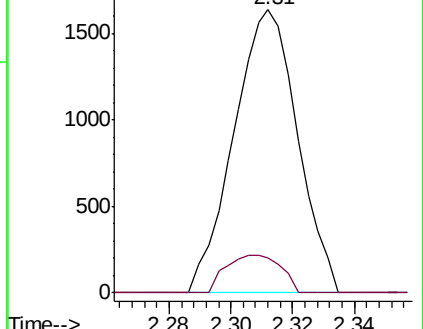
76 100

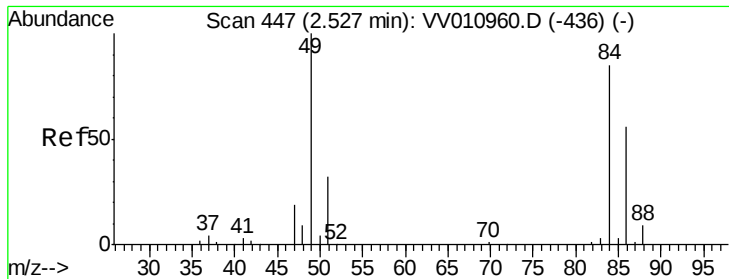
78 12.6 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VV010972.D (-223) (-)

Ion 78.00 (77.70 to 78.70): VV010972.D (-223) (-)

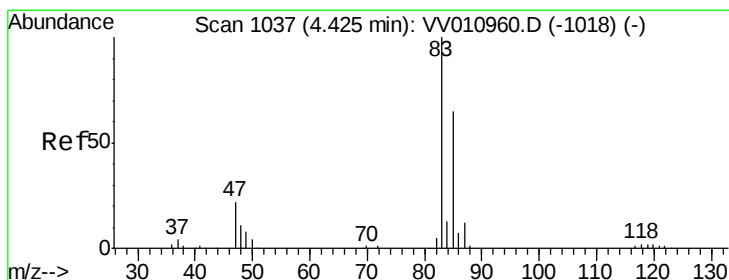
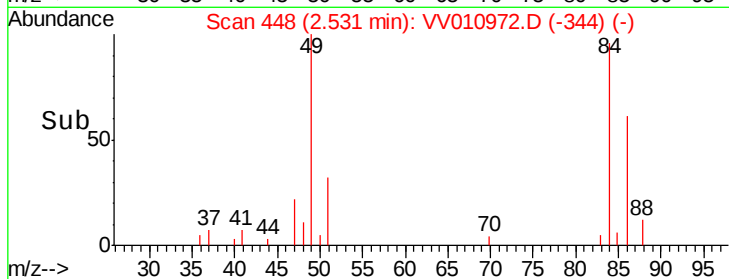
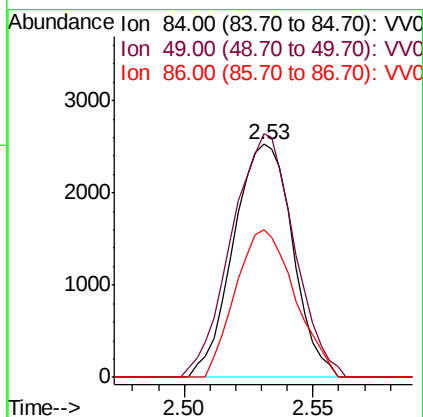
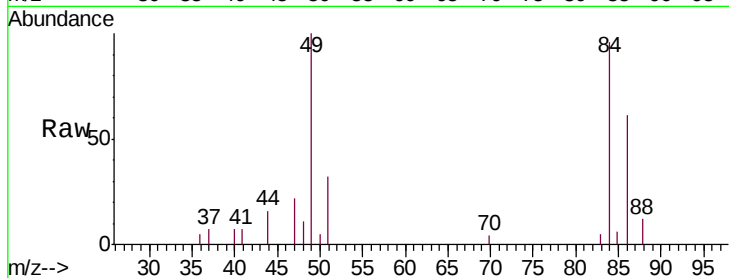




#16
Methylene chloride
Concen: 2.306 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010972.D
Acq: 20 May 2019 21:54

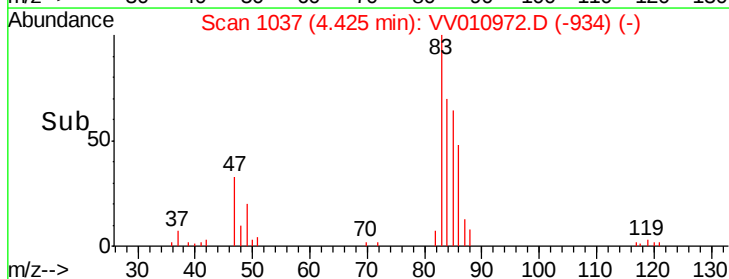
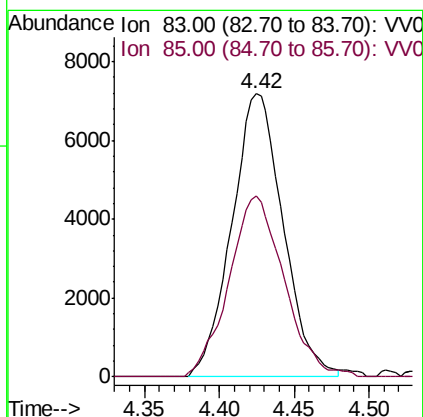
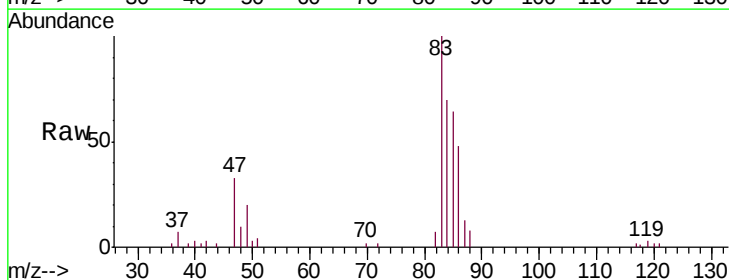
Instrument :
MSVOA_V
ClientSampleId :
BFHB8

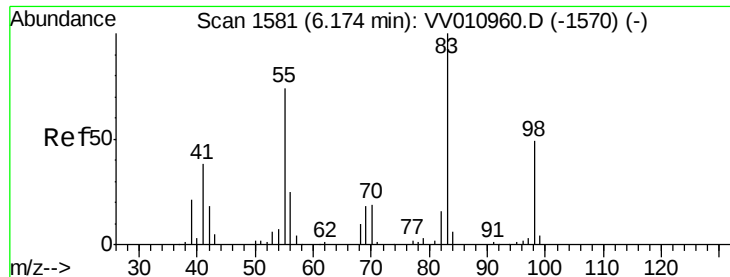
Tgt Ion: 84 Resp: 4051
Ion Ratio Lower Upper
84 100
49 104.5 77.4 143.8
86 63.2 44.0 81.6



#25
Chloroform
Concen: 5.593 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010972.D
Acq: 20 May 2019 21:54

Tgt Ion: 83 Resp: 17173
Ion Ratio Lower Upper
83 100
85 68.4 45.6 84.8

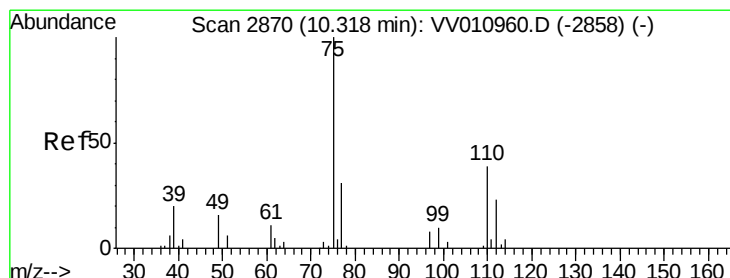
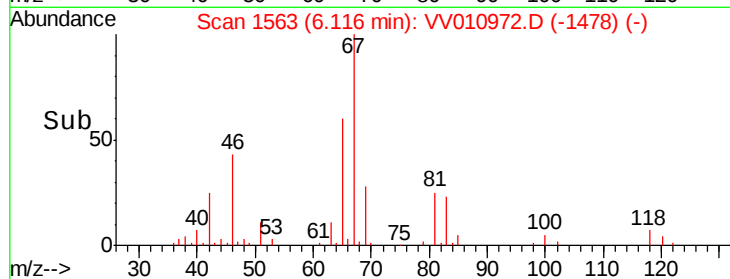
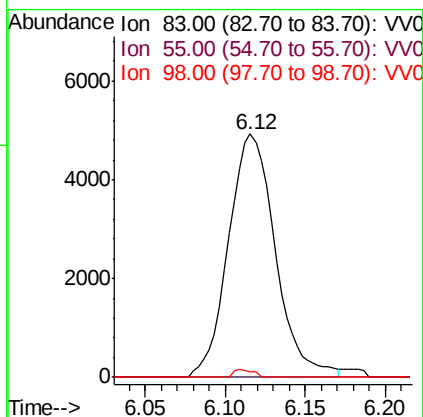
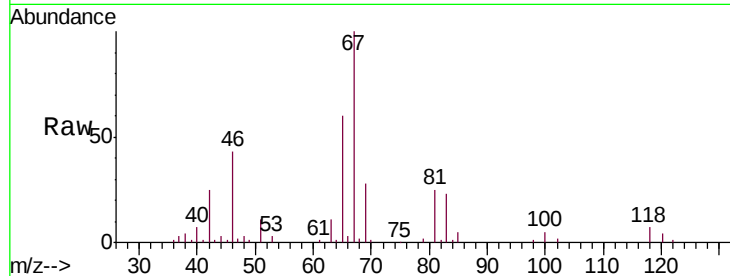




#36
Methylcyclohexane
Concen: 4.147 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010972.D
Acq: 20 May 2019 21:54

Instrument :
MSVOA_V
ClientSampled :
BFHB8

Tgt Ion: 83 Resp: 9879
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 1.3 36.2 54.4#



#59
1,2,3-Trichloropropane
Concen: 4.058 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010972.D
Acq: 20 May 2019 21:54

Tgt Ion: 75 Resp: 5127
Ion Ratio Lower Upper
75 100
77 36.5 25.4 38.2

