

Data File : VV010983.D
Acq On : 21 May 2019 04:26
Operator : SY/MD
Sample : K2846-23
Misc : 4.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA5

Quant Time: May 21 05:32:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 05:28:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150599	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145566	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51519	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27967	16.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.16%
7) Chloroethane-d5	1.55	69	20822	17.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.64%
10) 1,1-Dichloroethene-d2	2.11	63	40413	12.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.96%
20) 2-Butanone-d5	3.94	46	26876	45.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.74%
24) Chloroform-d	4.39	84	88664	22.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	5.07	65	51348	22.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.36%
29) Benzene-d6	5.09	84	183932	23.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.60%
33) 1,2-Dichloropropane-d6	6.11	67	63139	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	7.36	98	158771	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.96%
38) trans-1,3-Dichloropropene-	7.66	79	19570	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.52%
39) 2-Hexanone-d5	8.13	63	20145	42.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53993	21.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	52400	25.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.20%

Target Compounds

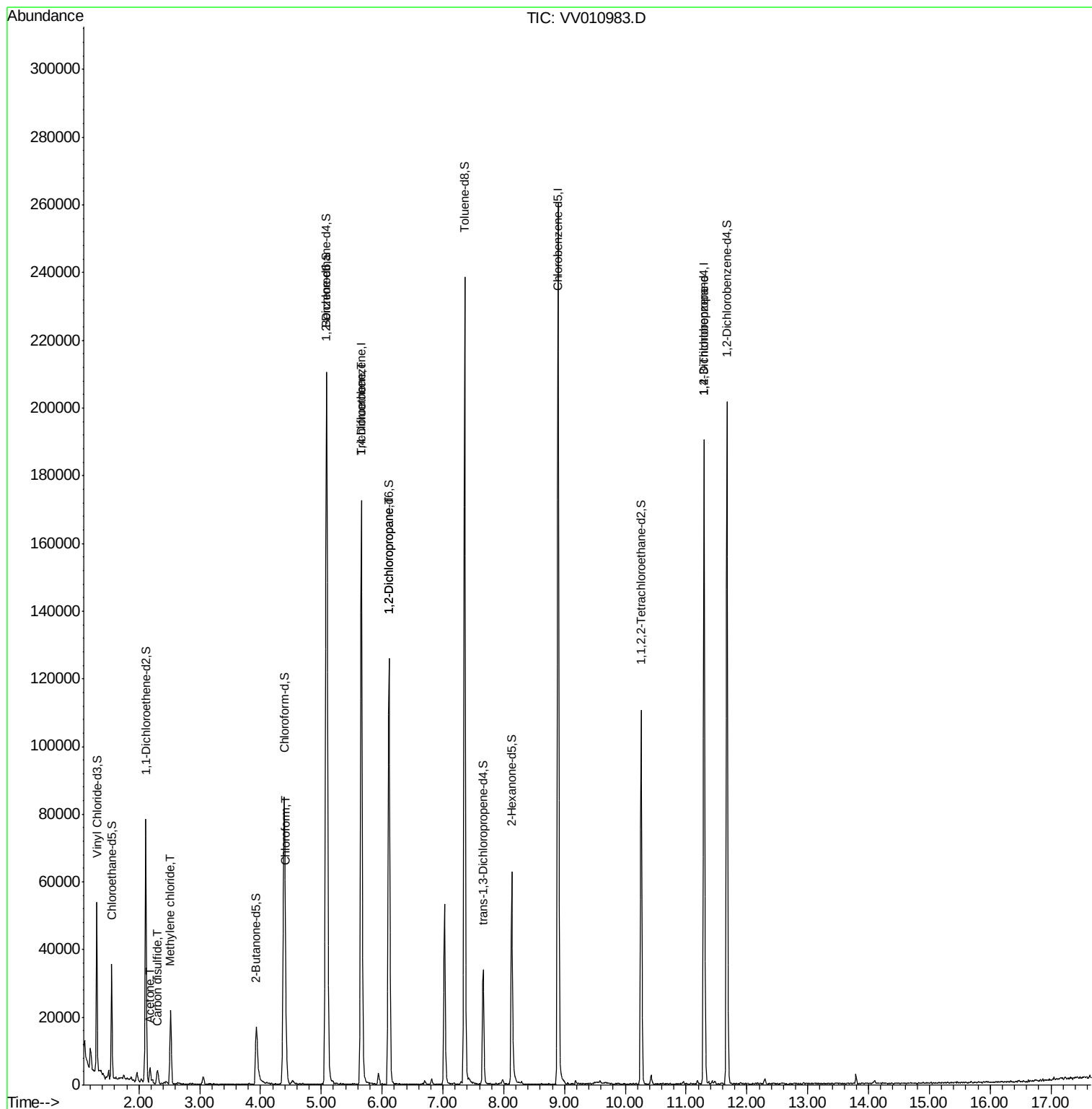
					Qvalue
13) Acetone	2.18	43	4171	7.301 ug/L	98
14) Carbon disulfide	2.30	76	2624	0.590 ug/L #	88
16) Methylene chloride	2.52	84	9207	3.562 ug/L	97
25) Chloroform	4.42	83	6198	1.372 ug/L	84
35) Trichloroethene	5.66	95	4259	1.837 ug/L #	5
40) 1,2-Dichloropropane	6.11	63	6791	3.079 ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	5807	3.195 ug/L #	81

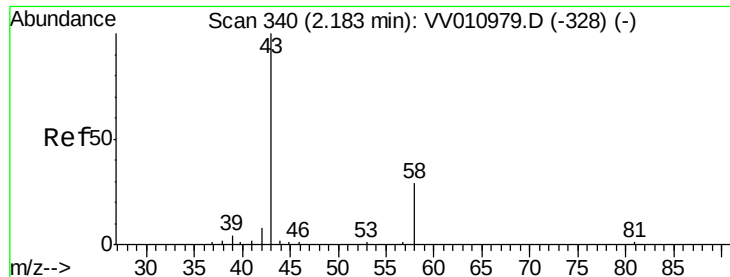
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 05:28:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.301 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Acq: 21 May 2019 04:26

Instrument :

MSVOA_V

ClientSampled :

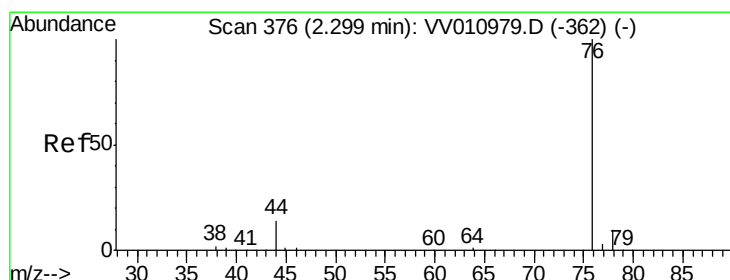
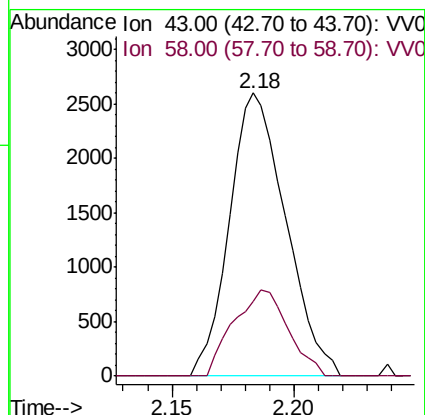
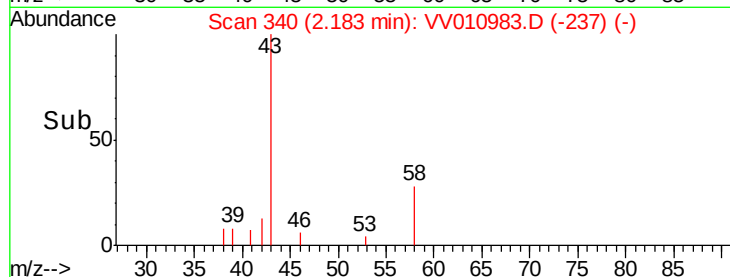
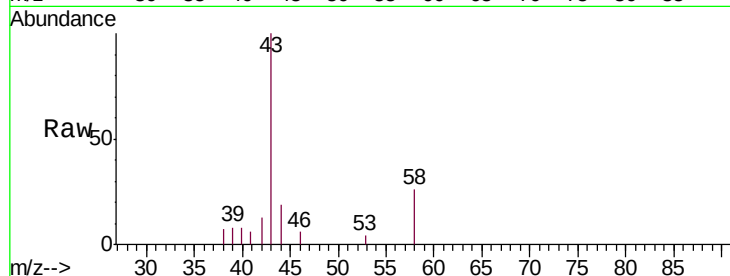
BFHA5

Tgt Ion: 43 Resp: 4171

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.8



#14

Carbon disulfide

Concen: 0.590 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.00 min

Lab File: VV010983.D

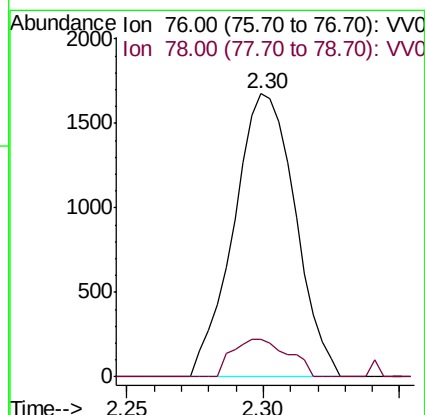
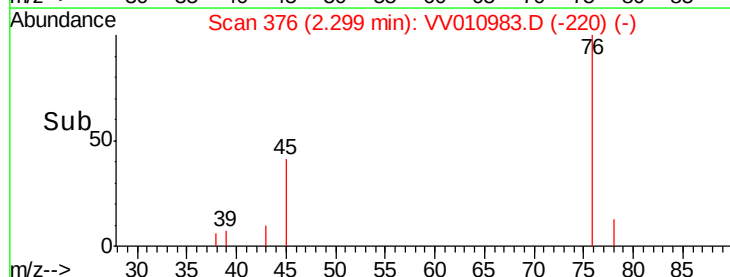
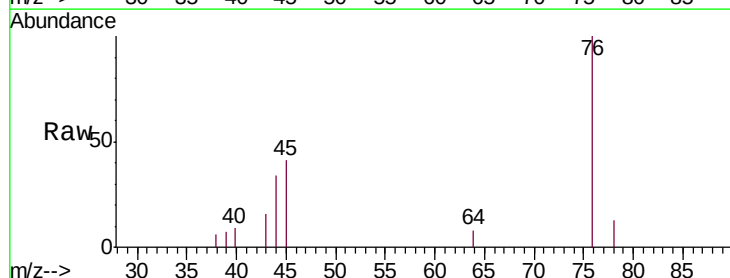
Acq: 21 May 2019 04:26

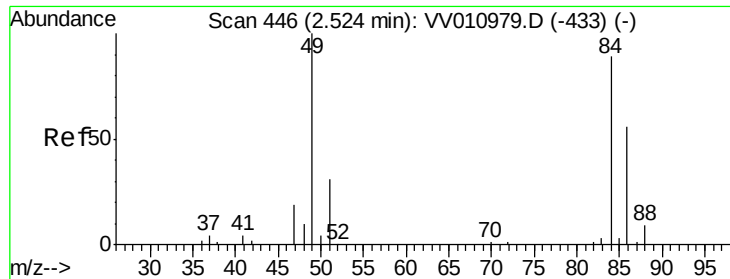
Tgt Ion: 76 Resp: 2624

Ion Ratio Lower Upper

76 100

78 13.4 7.2 10.8#

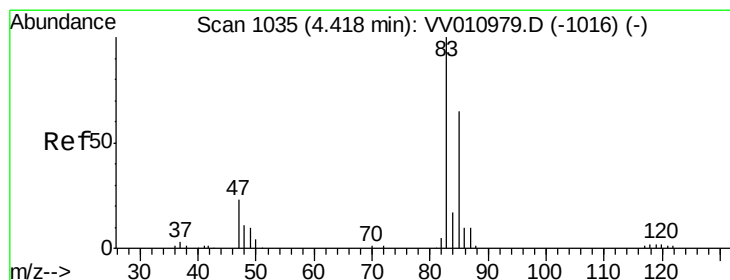
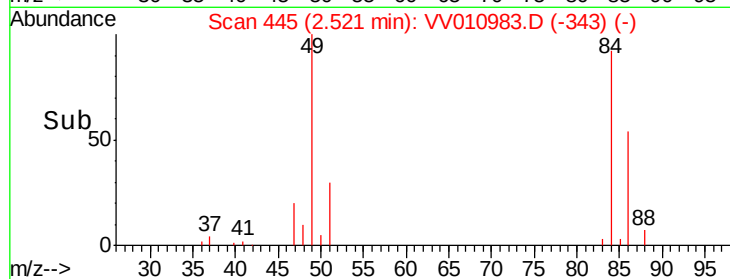
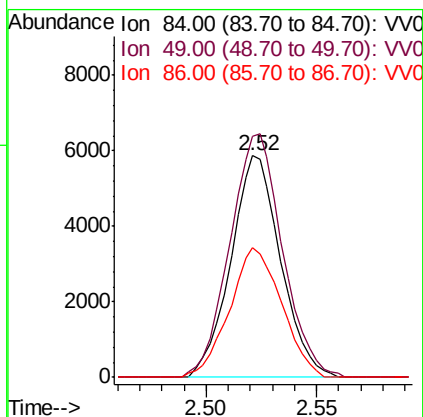
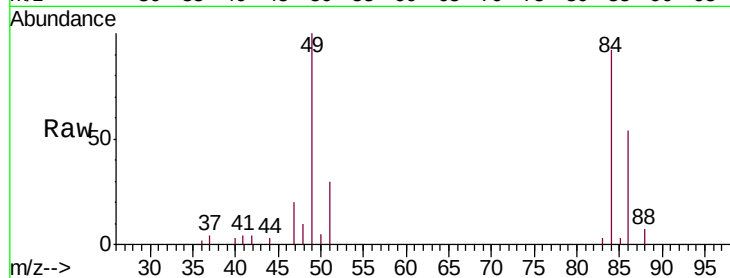




#16
Methylene chloride
Concen: 3.562 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV010983.D
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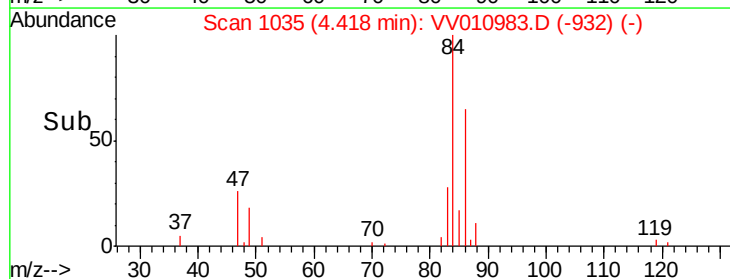
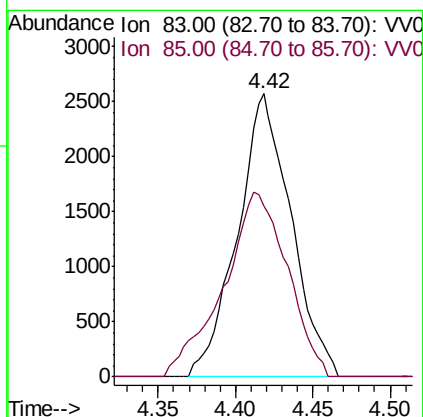
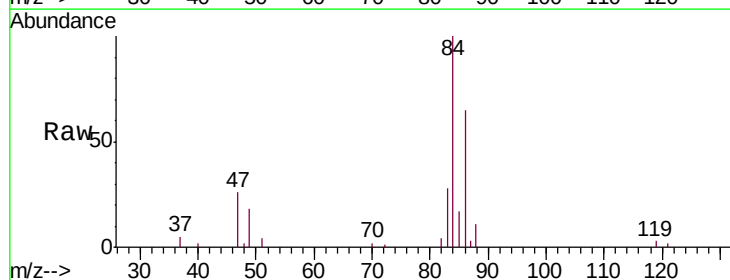
Instrument :
MSVOA_V
ClientSampleId :
BFHA5

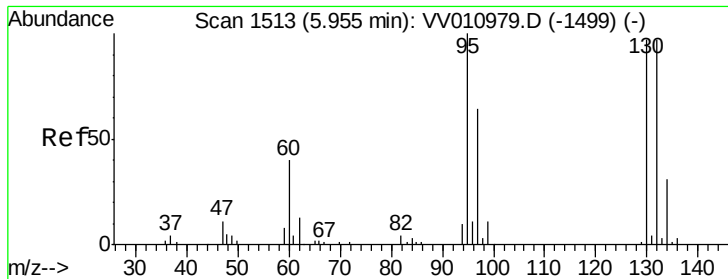
Tgt Ion: 84 Resp: 9207
Ion Ratio Lower Upper
84 100
49 108.5 77.4 143.8
86 58.7 44.0 81.6



#25
Chloroform
Concen: 1.372 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV010983.D
Acq: 21 May 2019 04:26

Tgt Ion: 83 Resp: 6198
Ion Ratio Lower Upper
83 100
85 77.8 45.6 84.8





#35

Trichloroethene

Concen: 1.837 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV010983.D

Acq: 21 May 2019 04:26

Instrument :

MSVOA_V

ClientSampleId :

BFHA5

Tgt Ion: 95 Resp: 4259

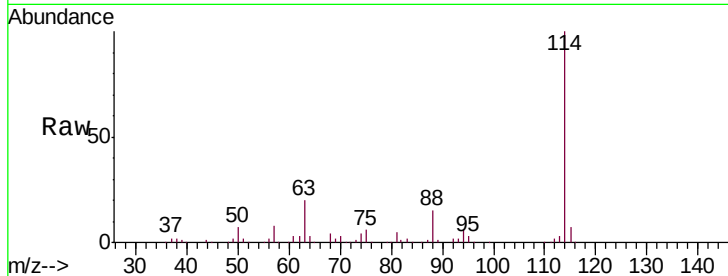
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#

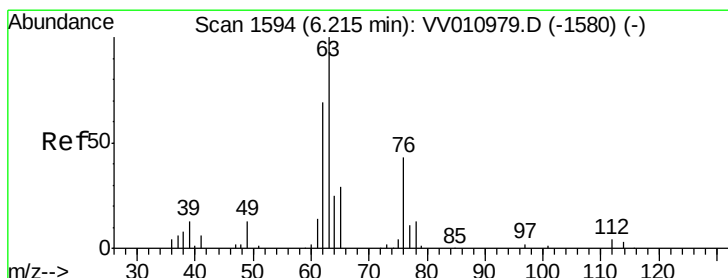
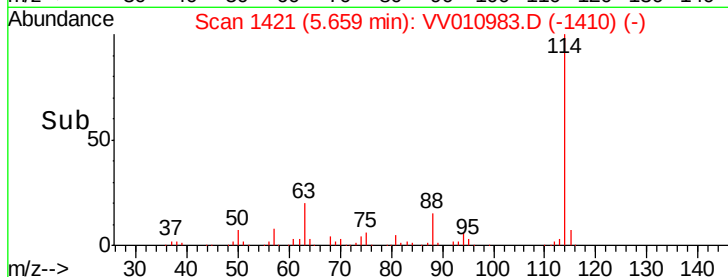
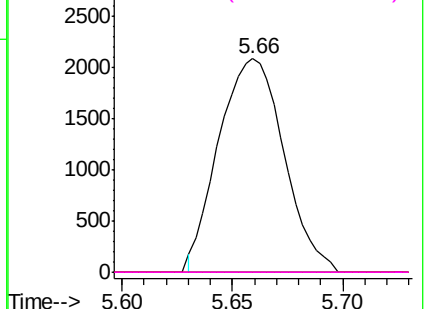


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#40

1,2-Dichloropropane

Concen: 3.079 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV010983.D

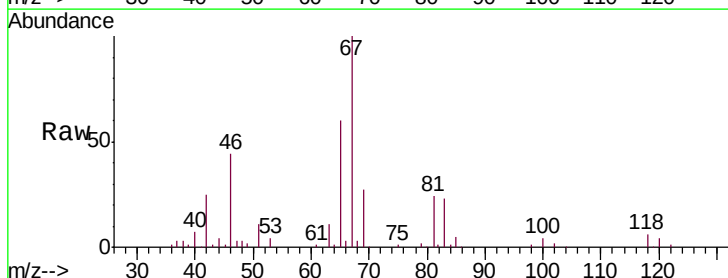
Acq: 21 May 2019 04:26

Tgt Ion: 63 Resp: 6791

Ion Ratio Lower Upper

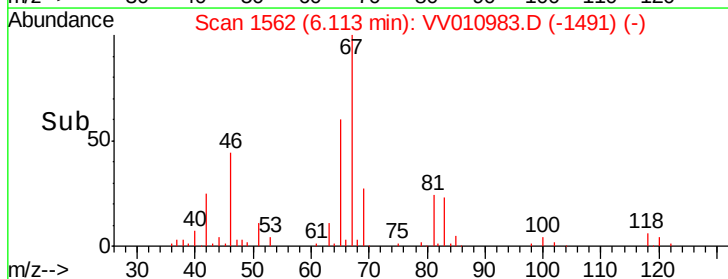
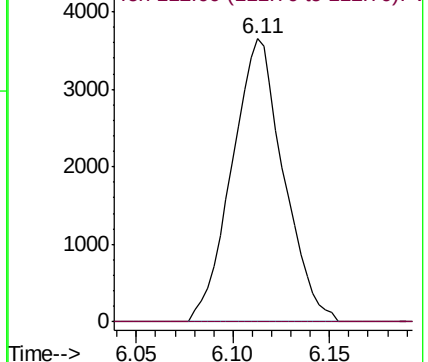
63 100

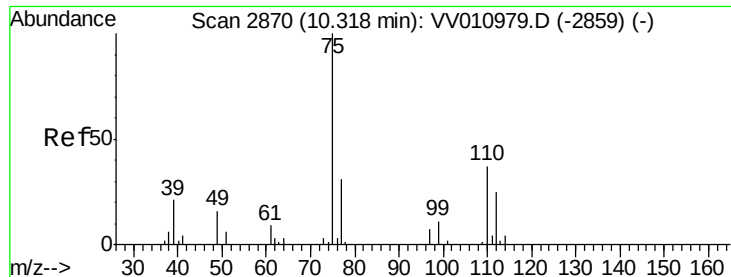
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): VV0





#59

1,2,3-Trichloropropane

Concen: 3.195 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010983.D

Acq: 21 May 2019 04:26

Instrument :

MSVOA_V

ClientSampleId :

BFHA5

Tgt Ion: 75 Resp: 5807

Ion Ratio Lower Upper

75 100

77 42.6 25.4 38.2#

