

Data File : VV010892.D
Acq On : 15 May 2019 10:07
Operator : SY/MD
Sample : K2846-02
Misc : 2.99G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHB7

Quant Time: May 16 07:28:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	123627	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	120409	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48094	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33202	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.32%
7) Chloroethane-d5	1.56	69	25363	24.71	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
10) 1,1-Dichloroethene-d2	2.12	63	47735	16.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.08%
20) 2-Butanone-d5	3.93	46	30057	60.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.32%
24) Chloroform-d	4.40	84	73795	20.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.72%
26) 1,2-Dichloroethane-d4	5.08	65	46752	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.16%
29) Benzene-d6	5.10	84	150345	22.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.24%
33) 1,2-Dichloropropane-d6	6.11	67	50407	23.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.84%
37) Toluene-d8	7.36	98	129916	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.16%
38) trans-1,3-Dichloropropene-	7.66	79	17699	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.32%
39) 2-Hexanone-d5	8.13	63	23141	57.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48404	24.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	44646	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds

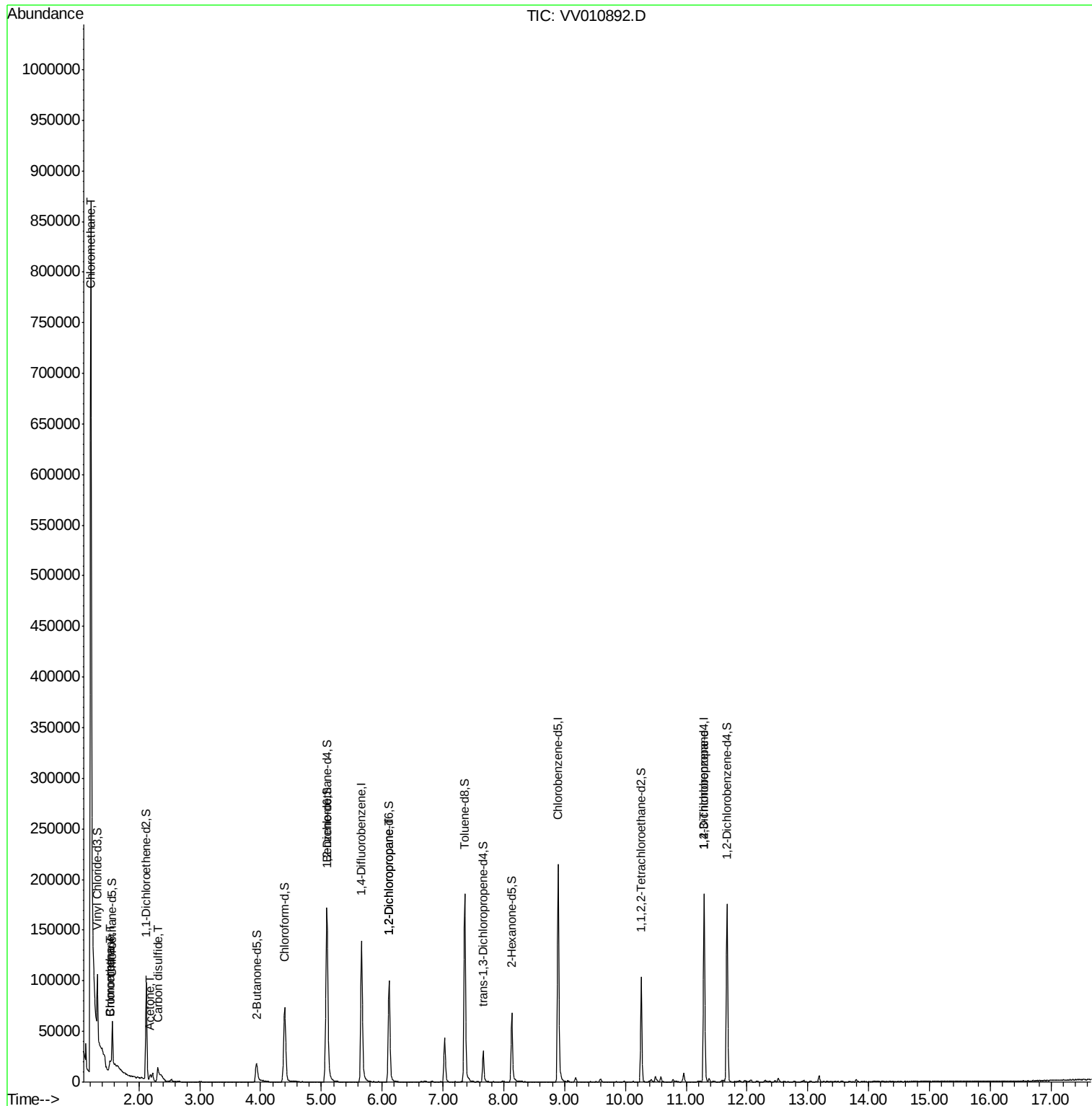
					Qvalue
3) Chloromethane	1.21	50	20300	12.358 ug/L #	44
6) Bromomethane	1.51	94	583	1.420 ug/L	90
8) Chloroethane	1.52	64	6515	7.123 ug/L #	51
13) Acetone	2.19	43	4454	8.824 ug/L	99
14) Carbon disulfide	2.31	76	14448	3.367 ug/L	95
40) 1,2-Dichloropropane	6.12	63	5437	2.844 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	6248	4.242 ug/L	89

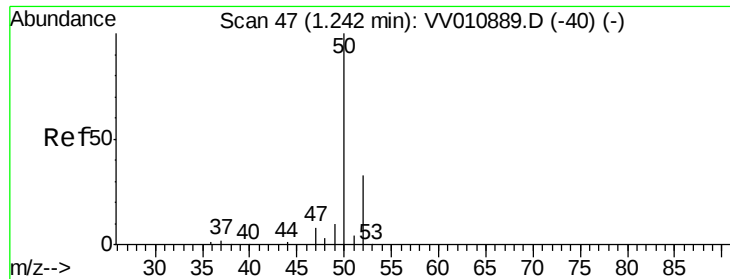
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 12.358 ug/L

RT: 1.21 min Scan# 37

Delta R.T. -0.03 min

Lab File: VV010892.D

Acq: 15 May 2019 10:07

Instrument :

MSVOA_V

ClientSampleId :

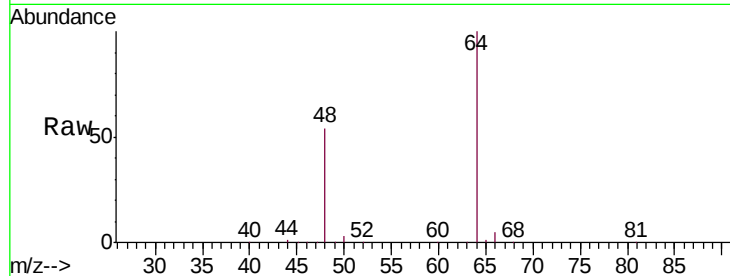
BFHB7

Tgt Ion: 50 Resp: 20300

Ion Ratio Lower Upper

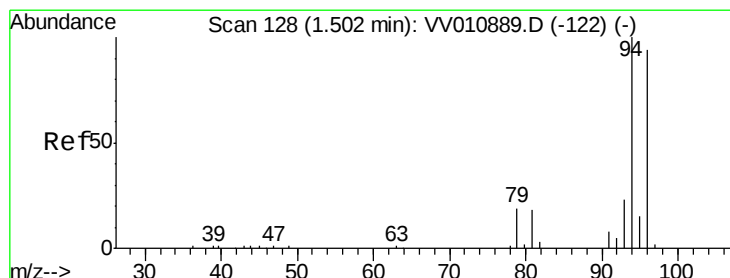
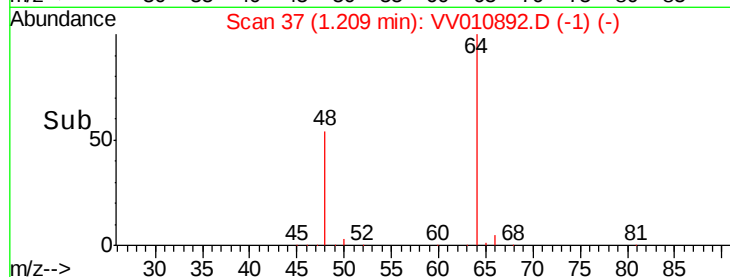
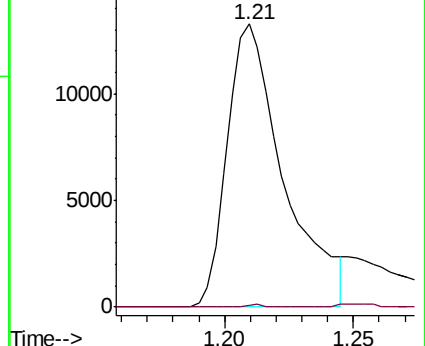
50 100

52 0.8 22.5 41.7#



Abundance Ion 50.00 (49.70 to 50.70): VV010889.D (-40) (-)

Ion 52.00 (51.70 to 52.70): VV010889.D (-40) (-)



#6

Bromomethane

Concen: 1.420 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.01 min

Lab File: VV010892.D

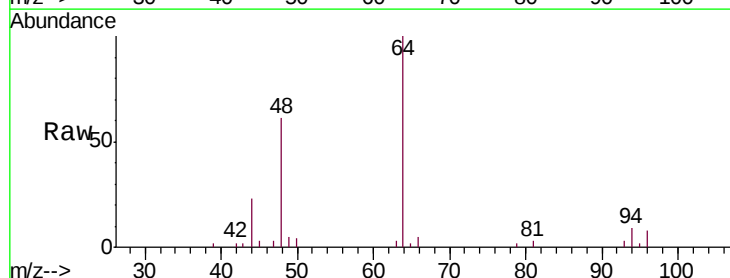
Acq: 15 May 2019 10:07

Tgt Ion: 94 Resp: 583

Ion Ratio Lower Upper

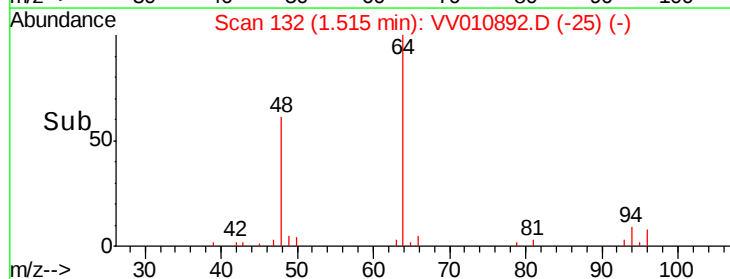
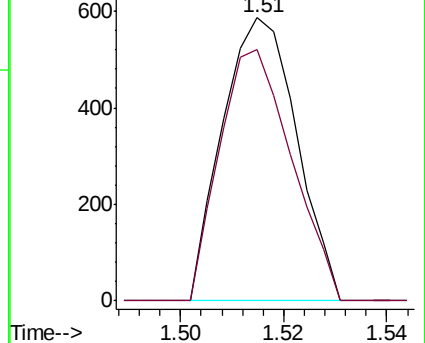
94 100

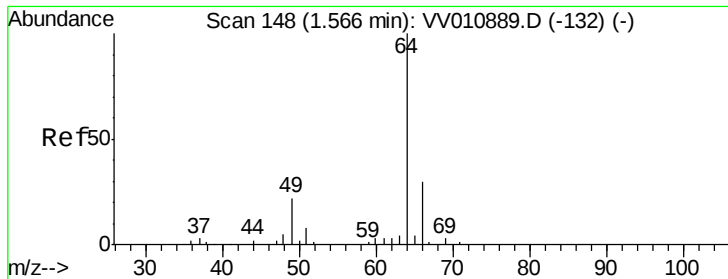
96 86.1 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010889.D (-122) (-)

Ion 96.00 (95.70 to 96.70): VV010889.D (-122) (-)





#8

Chloroethane

Concen: 7.123 ug/L

RT: 1.52 min Scan# 135

Delta R.T. -0.04 min

Lab File: VV010892.D

Acq: 15 May 2019 10:07

Instrument :

MSVOA_V

ClientSampleId :

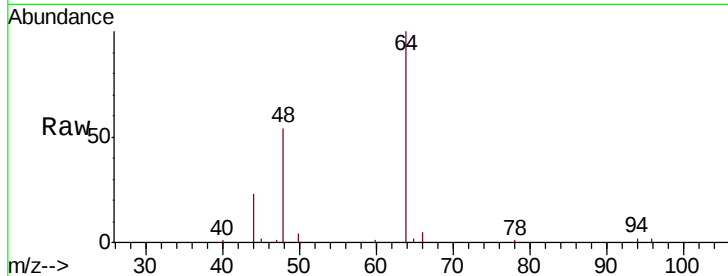
BFHB7

Tgt Ion: 64 Resp: 6515

Ion Ratio Lower Upper

64 100

66 4.9 22.5 41.9#



Abundance Ion 64.00 (63.70 to 64.70): VV010889.D (-132) (-)

Ion 66.00 (65.70 to 66.70): VV010889.D (-132) (-)

12000

10000

8000

6000

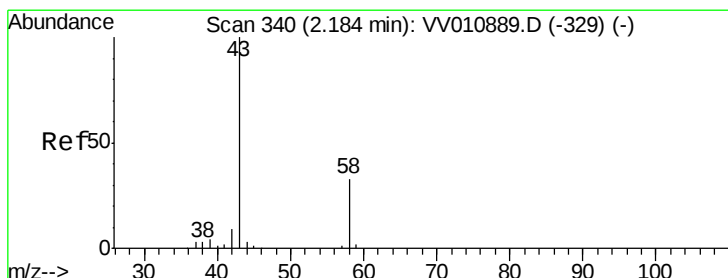
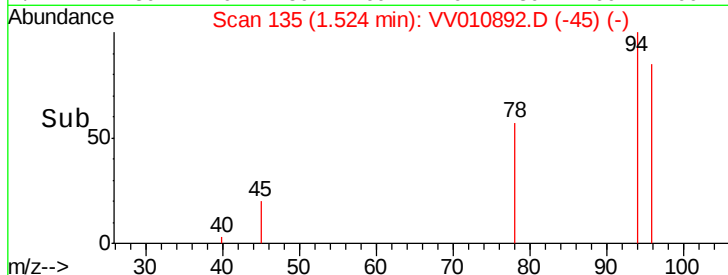
4000

2000

0

1.50 1.51 1.52 1.53 1.54

Time-->



#13

Acetone

Concen: 8.824 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010892.D

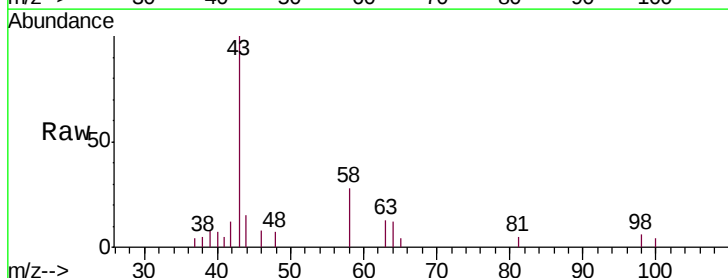
Acq: 15 May 2019 10:07

Tgt Ion: 43 Resp: 4454

Ion Ratio Lower Upper

43 100

58 34.0 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010889.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV010889.D (-329) (-)

3000

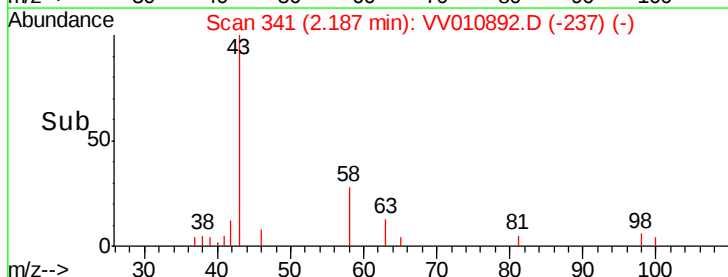
2000

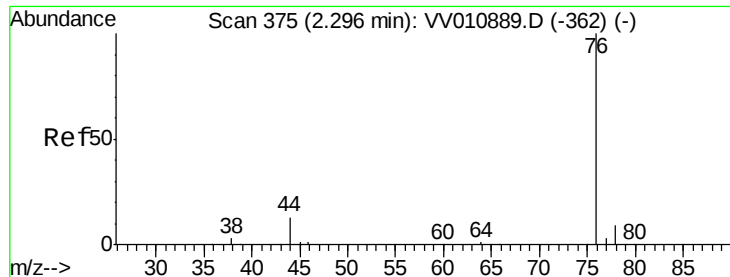
1000

0

2.15 2.19 2.25

Time-->





#14

Carbon disulfide

Concen: 3.367 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.02 min

Lab File: VV010892.D

Acq: 15 May 2019 10:07

Instrument :

MSVOA_V

ClientSampleId :

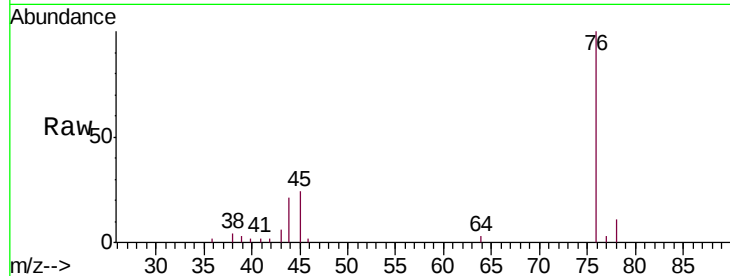
BFHB7

Tgt Ion: 76 Resp: 14448

Ion Ratio Lower Upper

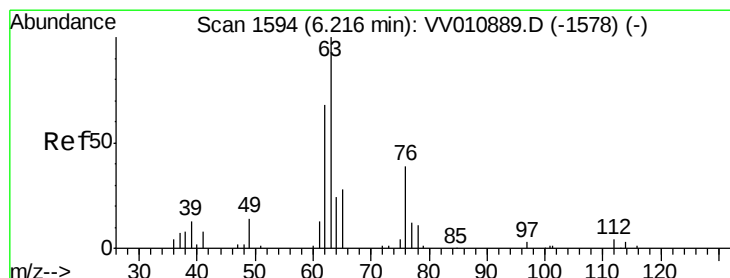
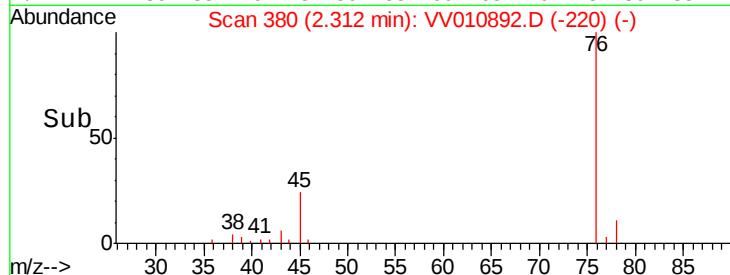
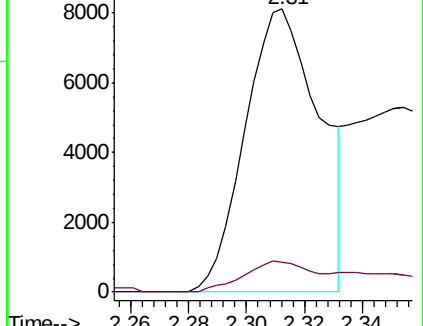
76 100

78 10.7 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV010889.D (-362) (-)

Ion 78.00 (77.70 to 78.70): VV010889.D (-362) (-)



#40

1,2-Dichloropropane

Concen: 2.844 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010892.D

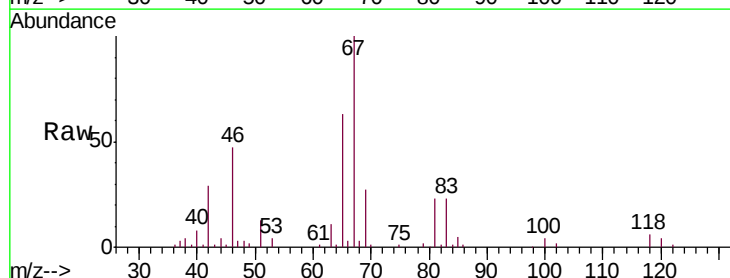
Acq: 15 May 2019 10:07

Tgt Ion: 63 Resp: 5437

Ion Ratio Lower Upper

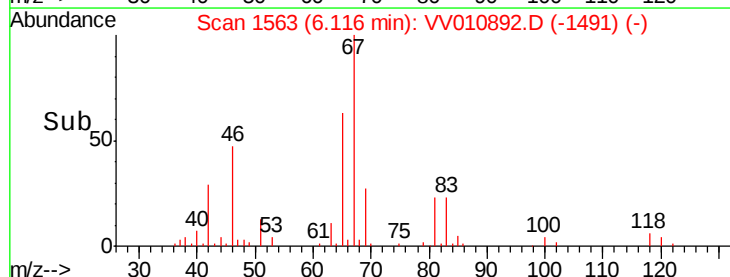
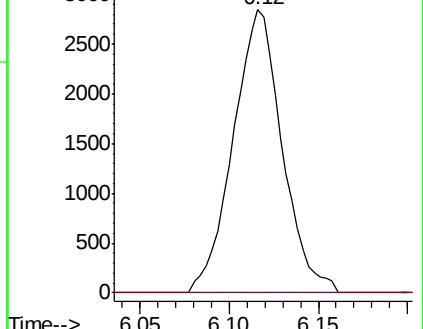
63 100

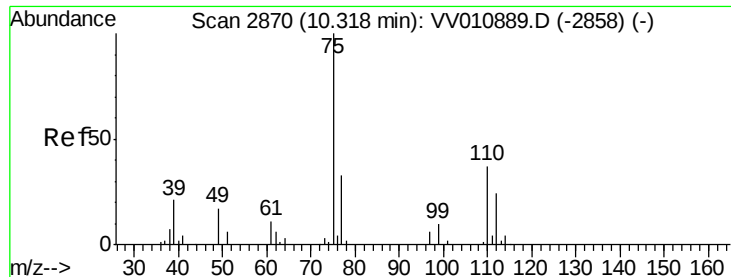
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV010889.D (-1578) (-)

Ion 112.00 (111.70 to 112.70): VV010889.D (-1578) (-)





#59

1,2,3-Trichloropropane

Concen: 4.242 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010892.D

Acq: 15 May 2019 10:07

Instrument :

MSVOA_V

ClientSampleId :

BFHB7

Tgt Ion: 75 Resp: 6248

Ion Ratio Lower Upper

75 100

77 39.4 26.4 39.6

