

Data File : VV010975.D
Acq On : 20 May 2019 23:18
Operator : SY/MD
Sample : K2846-18
Misc : 3.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA0

Quant Time: May 21 04:08:23 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	109792	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	109029	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42160	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21936	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.12%
7) Chloroethane-d5	1.57	69	16950	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.00%
10) 1,1-Dichloroethene-d2	2.12	63	32546	13.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.08%
20) 2-Butanone-d5	3.94	46	17273	39.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.98%
24) Chloroform-d	4.40	84	52425	18.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.72%
26) 1,2-Dichloroethane-d4	5.08	65	35673	21.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.16%
29) Benzene-d6	5.10	84	127187	21.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.48%
33) 1,2-Dichloropropane-d6	6.12	67	42740	22.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.40%
37) Toluene-d8	7.36	98	107718	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.88%
38) trans-1,3-Dichloropropene-	7.66	79	12570	16.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.76%
39) 2-Hexanone-d5	8.13	63	14520	41.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37625	19.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	38823	22.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.72%

Target Compounds

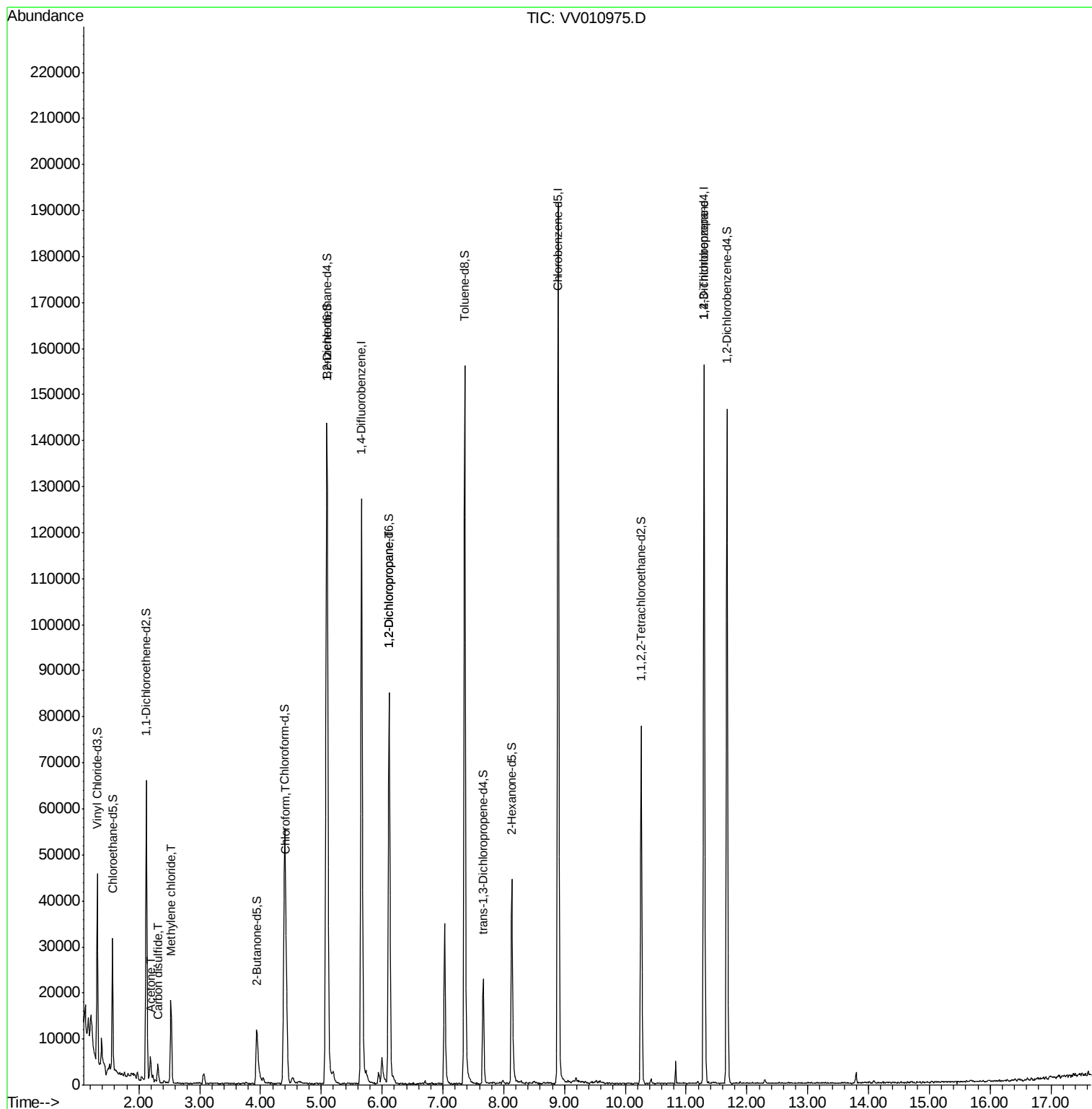
					Qvalue
13) Acetone	2.19	43	4761	11.431 ug/L	92
14) Carbon disulfide	2.31	76	2817	0.868 ug/L	99
16) Methylene chloride	2.53	84	7676	4.074 ug/L	92
25) Chloroform	4.42	83	13535	4.110 ug/L	93
40) 1,2-Dichloropropane	6.12	63	4280	2.591 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	5223	3.836 ug/L #	88

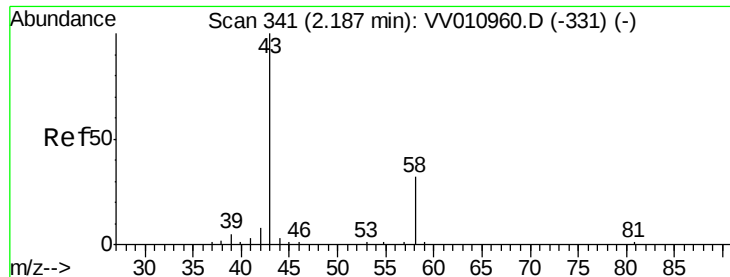
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.431 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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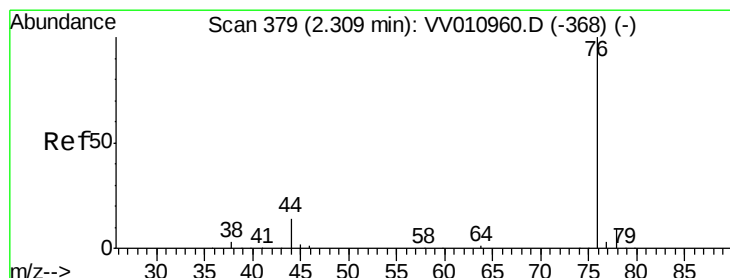
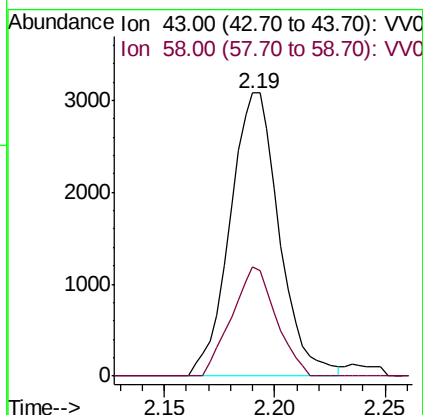
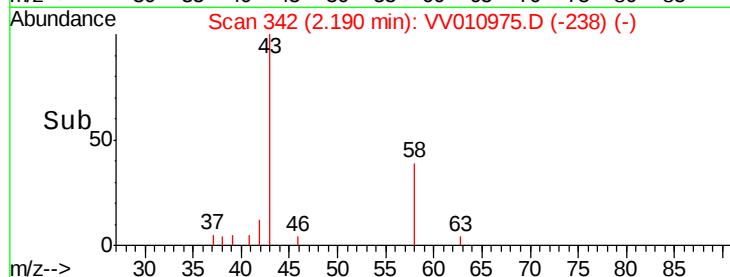
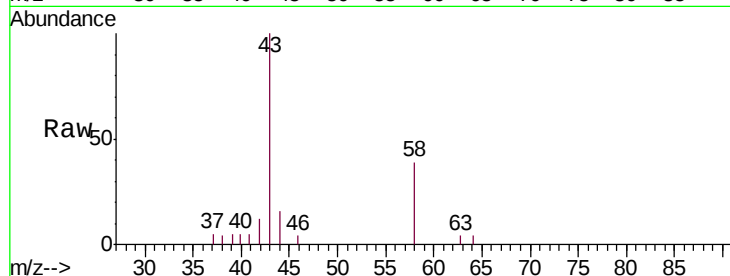
Instrument :
MSVOA_V
ClientSampleId :
BFHA0

Tgt Ion: 43 Resp: 4761

Ion Ratio Lower Upper

43 100

58 34.7 0.0 60.8



#14

Carbon disulfide

Concen: 0.868 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV010975.D

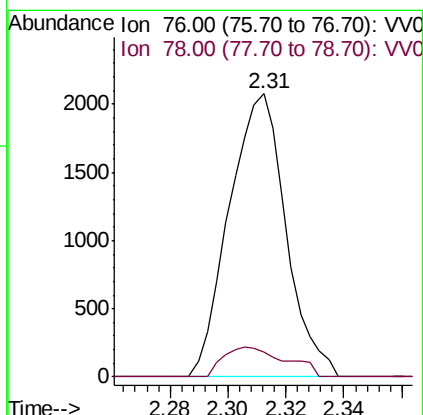
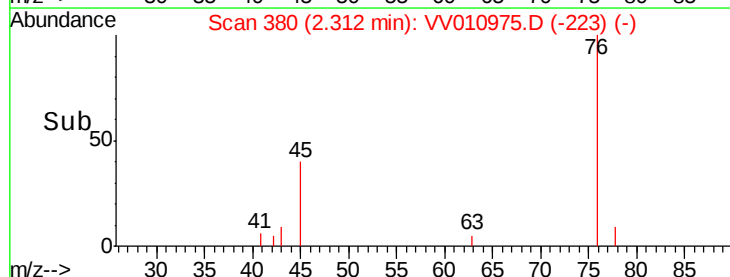
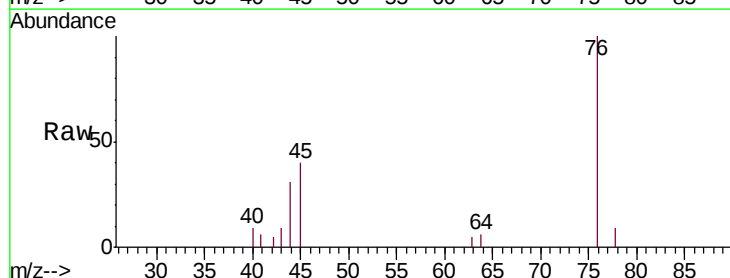
Acq: 20 May 2019 23:18

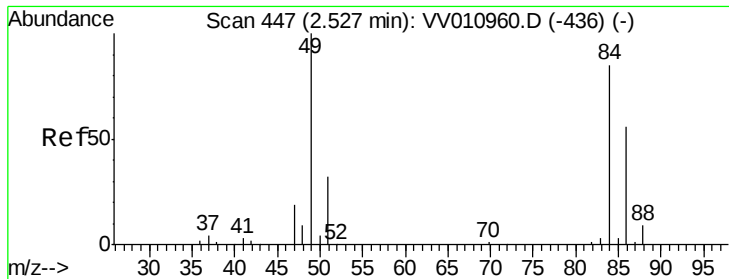
Tgt Ion: 76 Resp: 2817

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8

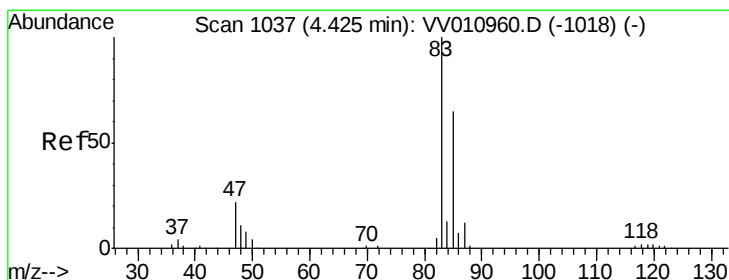
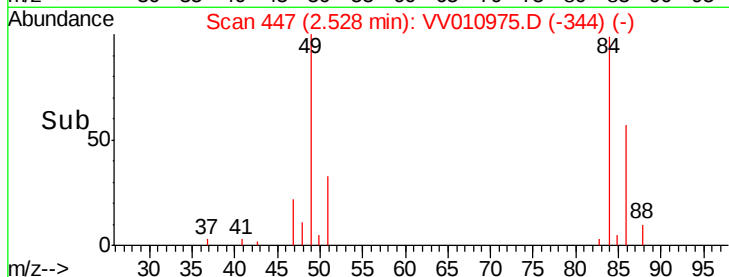
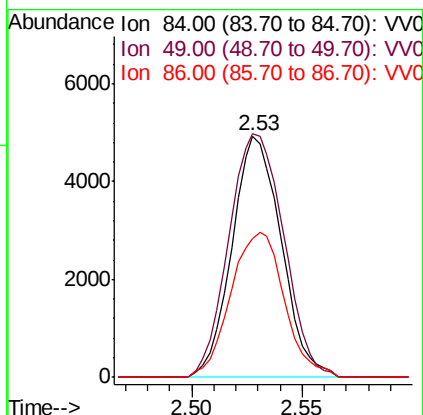
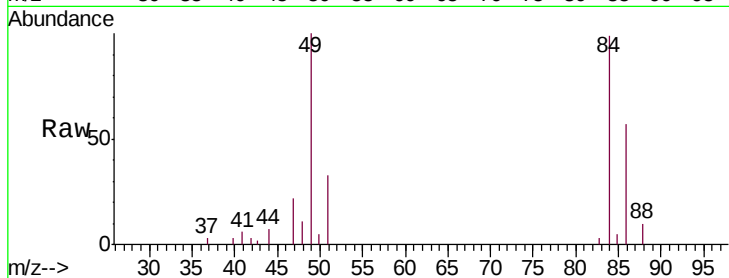




#16
Methylene chloride
Concen: 4.074 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
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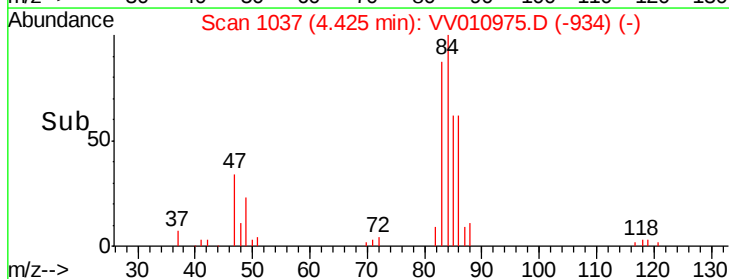
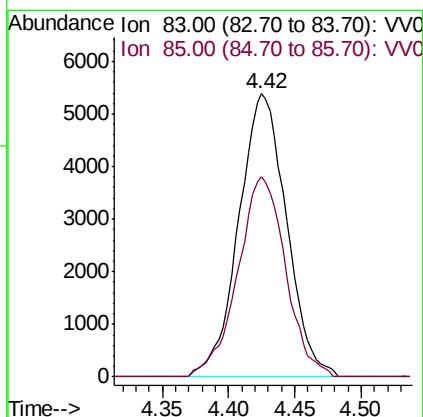
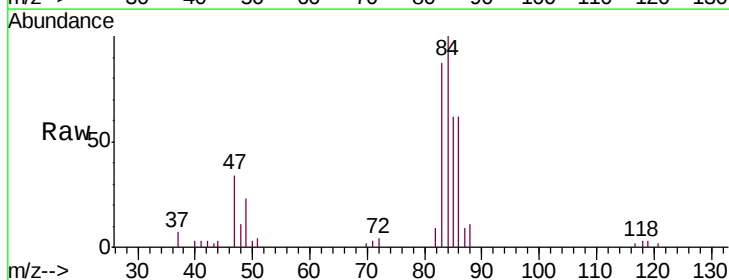
Instrument :
MSVOA_V
ClientSampleId :
BFHA0

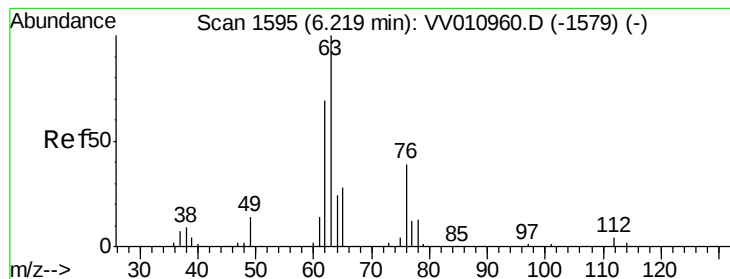
Tgt Ion: 84 Resp: 7676
Ion Ratio Lower Upper
84 100
49 101.0 77.4 143.8
86 57.5 44.0 81.6



#25
Chloroform
Concen: 4.110 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010975.D
Acq: 20 May 2019 23:18

Tgt Ion: 83 Resp: 13535
Ion Ratio Lower Upper
83 100
85 70.6 45.6 84.8





#40

1,2-Dichloropropane

Concen: 2.591 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010975.D

Acq: 20 May 2019 23:18

Instrument :

MSVOA_V

ClientSampleId :

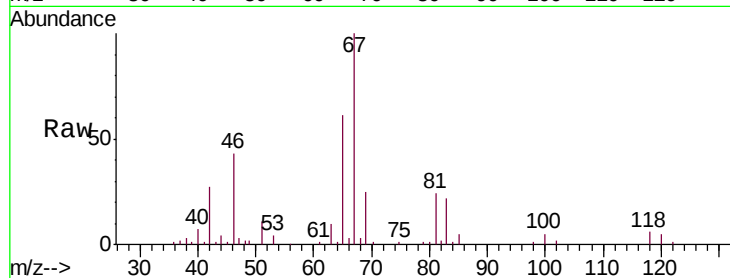
BFHA0

Tgt Ion: 63 Resp: 4280

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VV010960.D (-1579) (-)

Ion 112.00 (111.70 to 112.70): VV010960.D (-1579) (-)

6.12

2500

2000

1500

1000

500

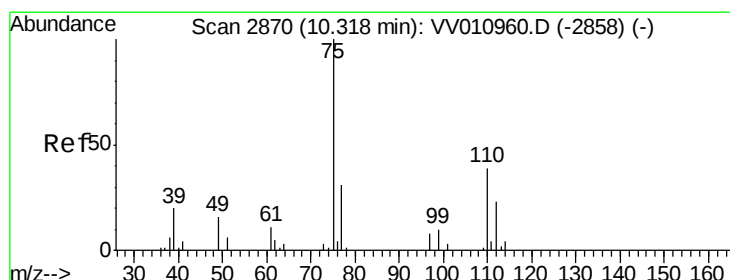
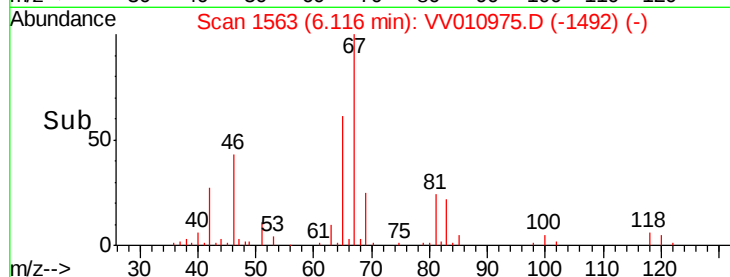
0

6.05

6.10

6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 3.836 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010975.D

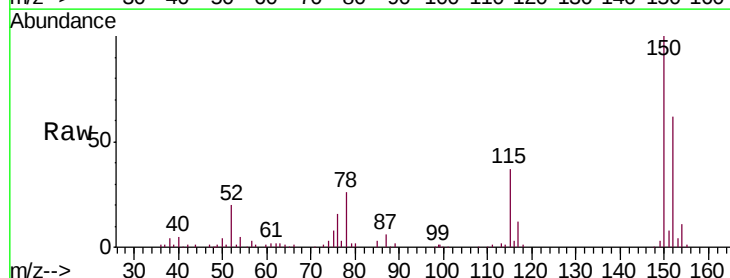
Acq: 20 May 2019 23:18

Tgt Ion: 75 Resp: 5223

Ion Ratio Lower Upper

75 100

77 38.7 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VV010960.D (-2858) (-)

Ion 77.00 (76.70 to 77.70): VV010960.D (-2858) (-)

11.29

3000

2000

1000

0

11.25

11.30

11.35

Time-->

