

Data File : VU026558.D
Acq On : 05 Sep 2018 21:39
Operator : MD/SY
Sample : J4718-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEGB9

Quant Time: Sep 06 06:01:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 05:59:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	162303	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153583	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64794	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43152	42.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.82%
7) Chloroethane-d5	1.68	69	40898	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.06%
11) 1,1-Dichloroethene-d2	2.27	63	67903	29.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.96%#
21) 2-Butanone-d5	4.18	46	79908	102.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	4.65	84	85431	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	5.31	65	58527	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
32) Benzene-d6	5.34	84	165218	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
36) 1,2-Dichloropropane-d6	6.33	67	58066	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.57	98	145867	42.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.38%
43) trans-1,3-Dichloropropene-	7.85	79	24305	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.54%
47) 2-Hexanone-d5	8.31	63	55155	98.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83617	46.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	58593	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%

Target Compounds

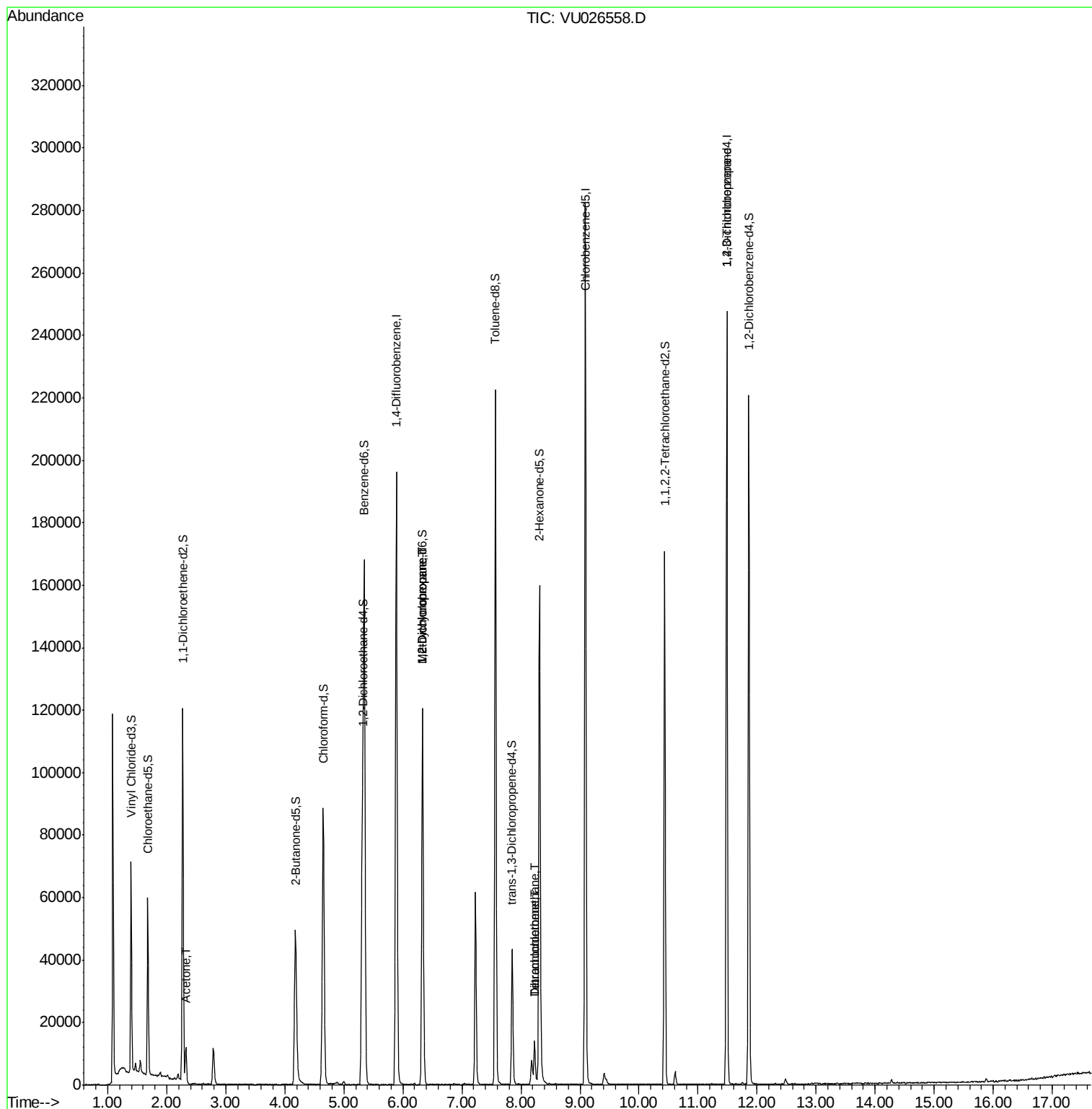
					Qvalue
13) Acetone	2.32	43	11344	16.785	ug/L 98
35) Methylcyclohexane	6.33	83	12905	7.483	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	6124	5.024	ug/L # 88
46) Tetrachloroethene	8.23	164	3034	3.360	ug/L 85
49) Dibromochloromethane	8.23	129	2726	2.167	ug/L # 10
59) 1,2,3-Trichloropropane	11.49	75	7367	4.844	ug/L # 84

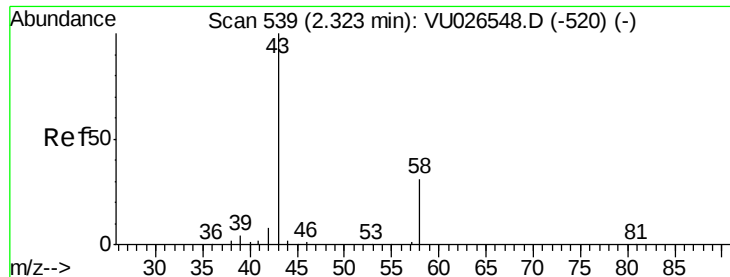
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.785 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Acq: 05 Sep 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

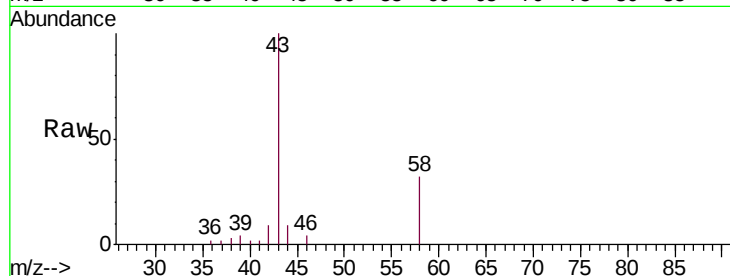
BEGB9

Tgt Ion: 43 Resp: 11344

Ion Ratio Lower Upper

43 100

58 31.5 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU026548.D (-520) (-)

Ion 58.00 (57.70 to 58.70): VU026548.D (-520) (-)

2.32

8000

6000

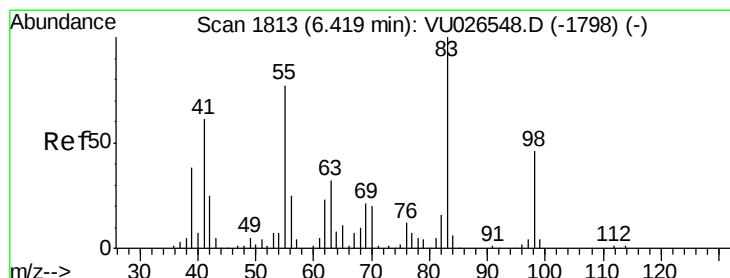
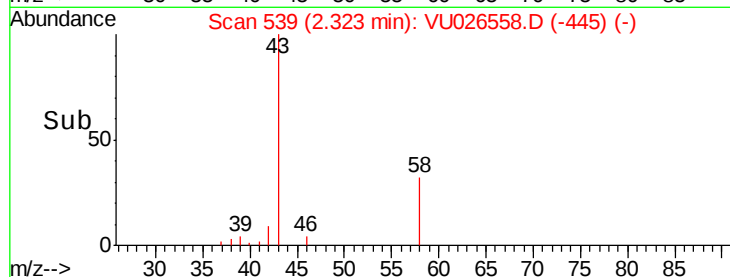
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#35

Methylcyclohexane

Concen: 7.483 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026558.D

Acq: 05 Sep 2018 21:39

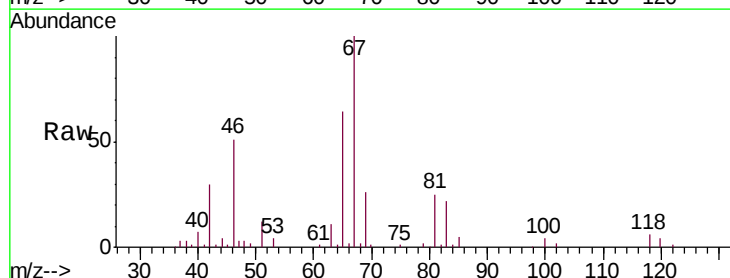
Tgt Ion: 83 Resp: 12905

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

98 0.7 36.7 55.1#



Abundance Ion 83.00 (82.70 to 83.70): VU026548.D (-1798) (-)

Ion 55.00 (54.70 to 55.70): VU026548.D (-1798) (-)

Ion 98.00 (97.70 to 98.70): VU026548.D (-1798) (-)

6.33

8000

6000

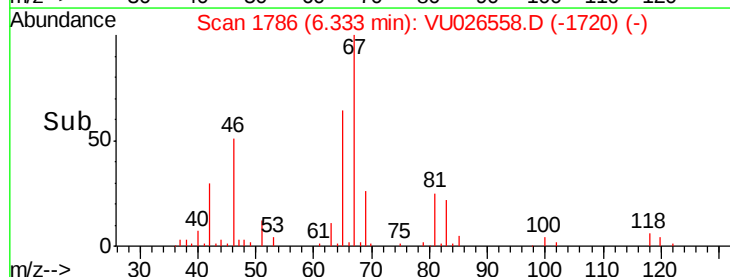
4000

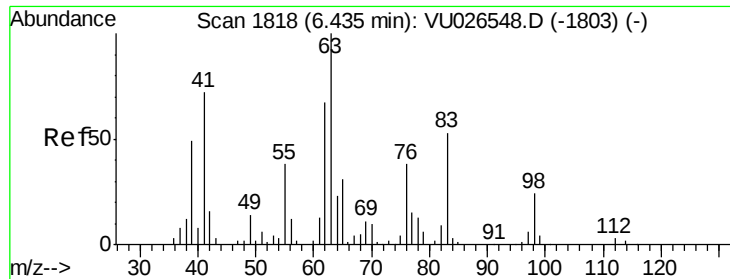
2000

0

Time-->

6.30 6.35 6.40

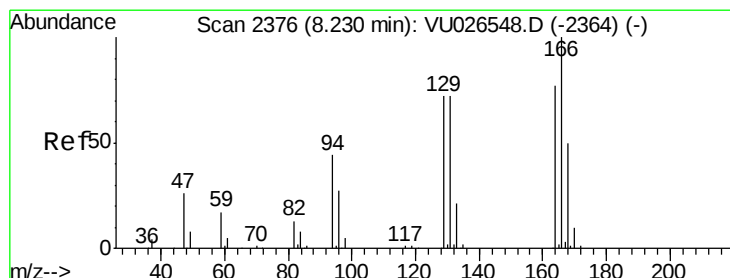
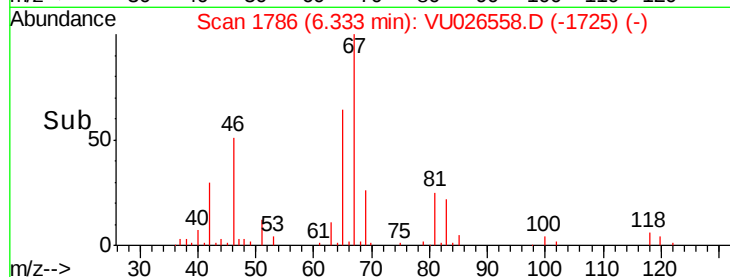
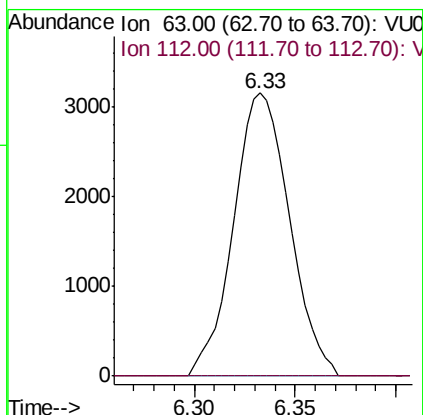
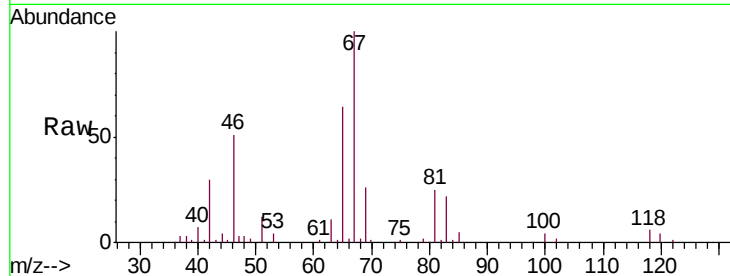




#37
 1,2-Dichloropropane
 Concen: 5.024 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026558.D
 Acq: 05 Sep 2018 21:39

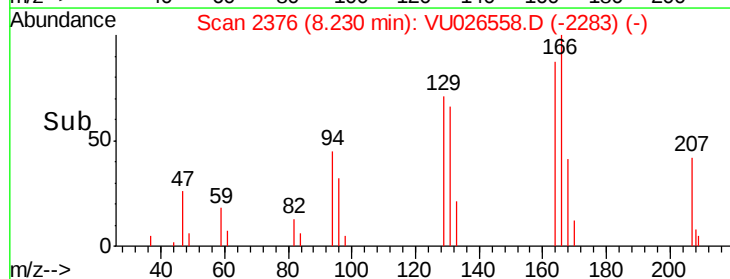
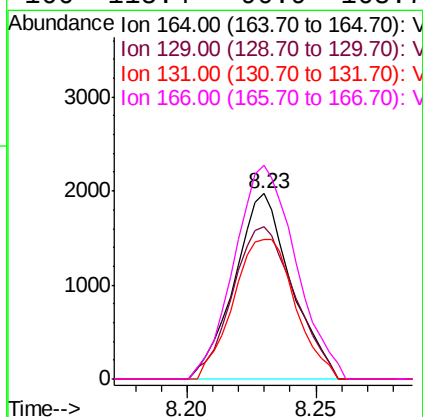
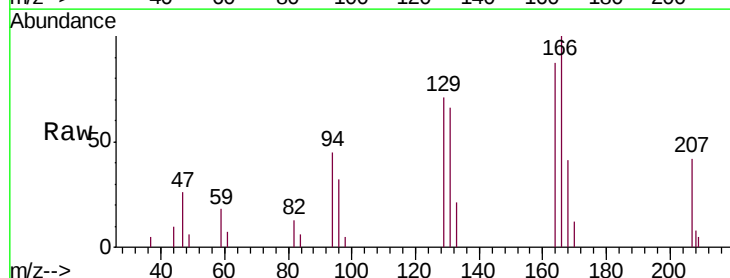
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 BEGB9

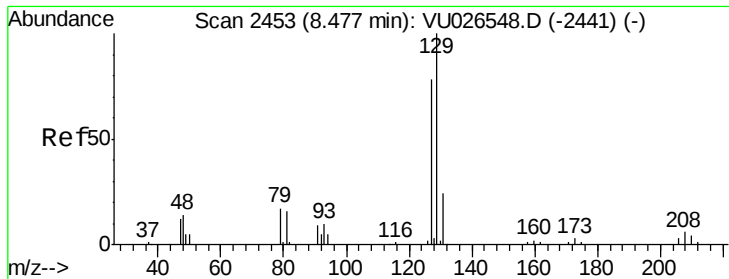
Tgt Ion: 63 Resp: 6124
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 3.360 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026558.D
 Acq: 05 Sep 2018 21:39

Tgt Ion: 164 Resp: 3034
 Ion Ratio Lower Upper
 164 100
 129 82.5 67.3 125.1
 131 75.7 65.3 121.3
 166 115.4 90.9 168.7





#49

Dibromochloromethane

Concen: 2.167 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026558.D

Acq: 05 Sep 2018 21:39

Instrument :

MSVOA_U

ClientSampleId :

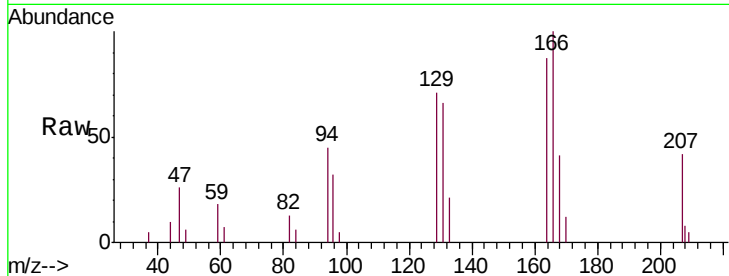
BEGB9

Tgt Ion:129 Resp: 2726

Ion Ratio Lower Upper

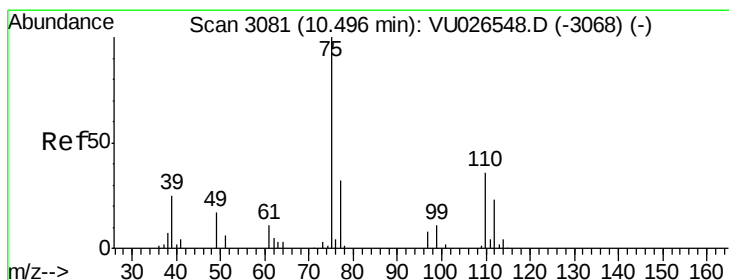
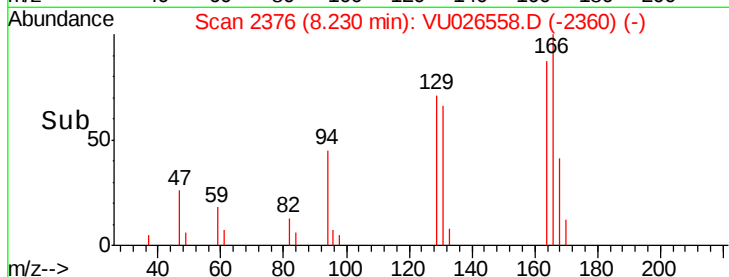
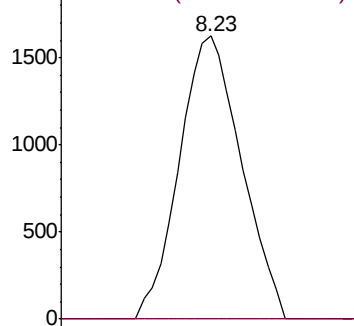
129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.844 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026558.D

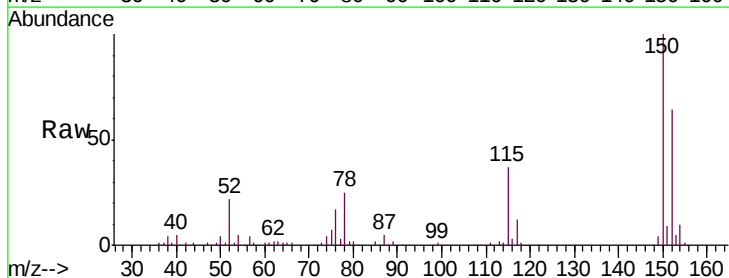
Acq: 05 Sep 2018 21:39

Tgt Ion: 75 Resp: 7367

Ion Ratio Lower Upper

75 100

77 40.0 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

