

Data File : VU026518.D
Acq On : 04 Sep 2018 12:25
Operator : MD/SY
Sample : J4694-01 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE18

Quant Time: Sep 05 01:11:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:11:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	64035	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	77408	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	50098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	23010	58.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.00%
7) Chloroethane-d5	1.68	69	37001	103.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	206.52%#
11) 1,1-Dichloroethene-d2	2.27	63	20837	23.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.64%#
21) 2-Butanone-d5	4.18	46	88491	287.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	287.37%#
24) Chloroform-d	4.65	84	82144	109.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	219.24%#
26) 1,2-Dichloroethane-d4	5.31	65	57079	114.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	228.82%#
32) Benzene-d6	5.35	84	89740	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.33	67	55594	90.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	181.42%#
41) Toluene-d8	7.57	98	43628	25.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	50.66%#
43) trans-1,3-Dichloropropene-	7.85	79	12607	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.31	63	62521	222.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	222.42%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87137	96.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	193.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	41231	45.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.72%

Target Compounds

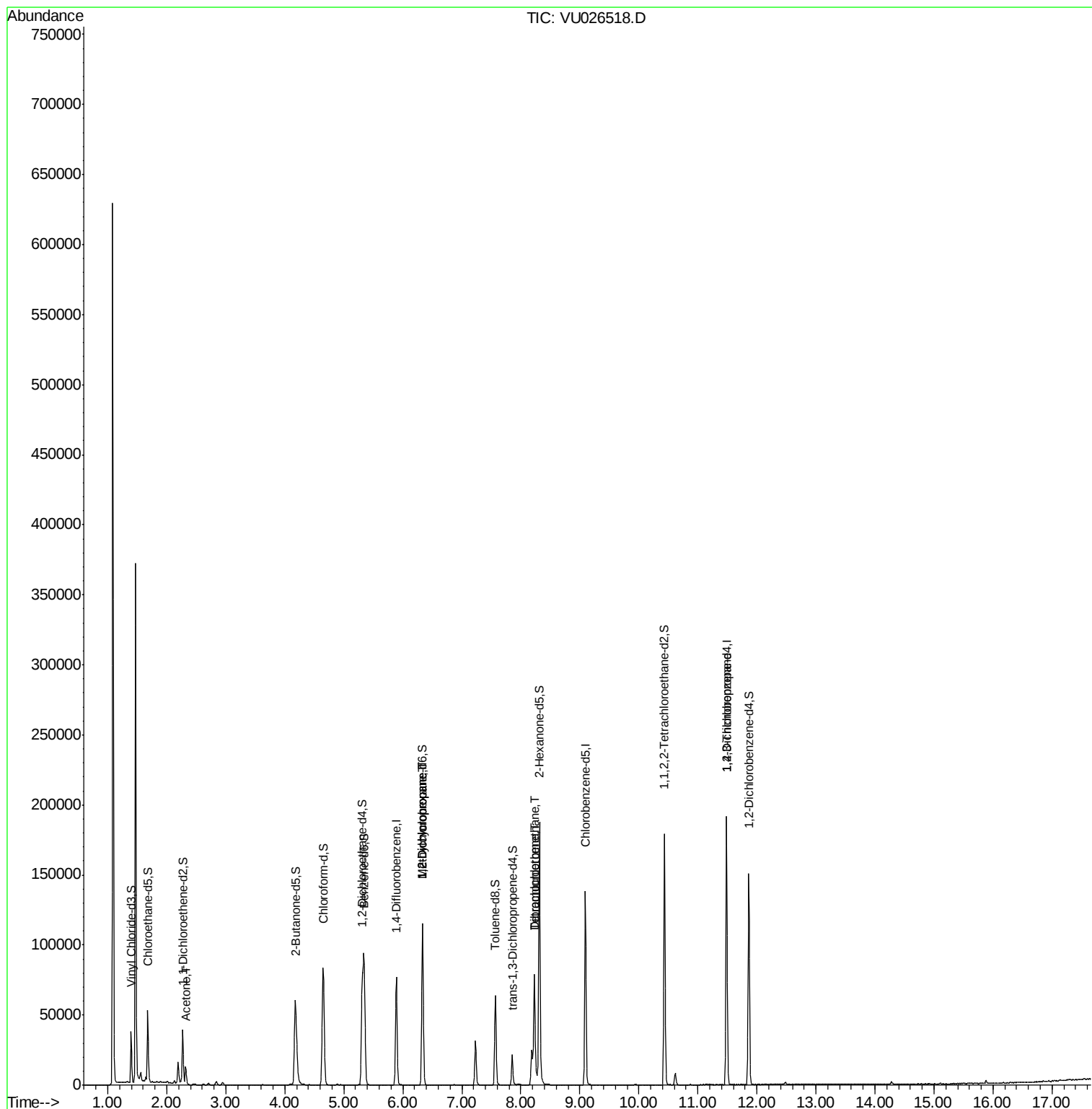
					Qvalue
13) Acetone	2.32	43	13801	51.759 ug/L	98
35) Methylcyclohexane	6.33	83	12511	14.394 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6133	9.983 ug/L #	88
46) Tetrachloroethene	8.23	164	16017	35.195 ug/L	96
49) Dibromochloromethane	8.23	129	14804	23.344 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	5761	7.515 ug/L #	86

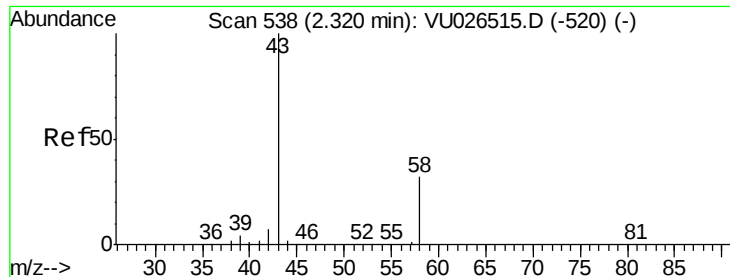
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 51.759 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

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Acq: 04 Sep 2018 12:25

Instrument :

MSVOA_U

ClientSampleId :

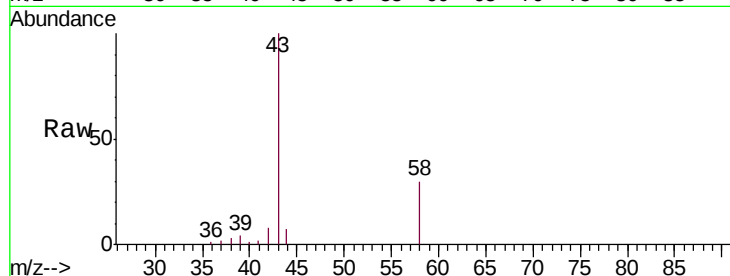
BEE18

Tgt Ion: 43 Resp: 13801

Ion Ratio Lower Upper

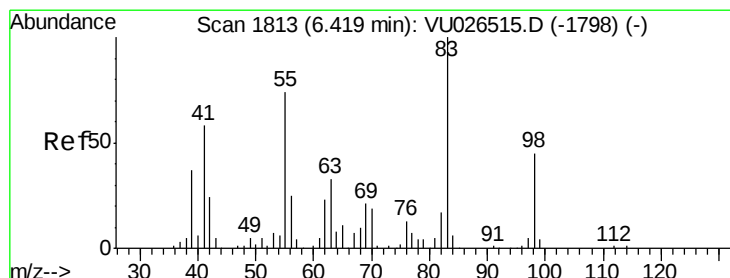
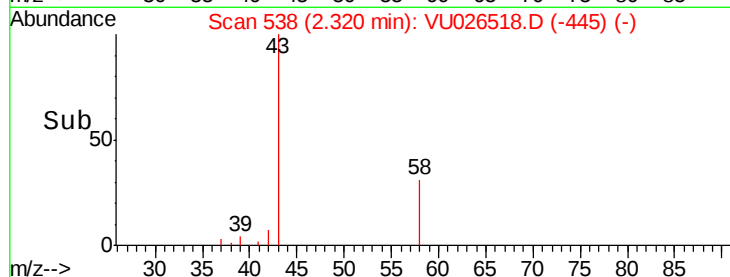
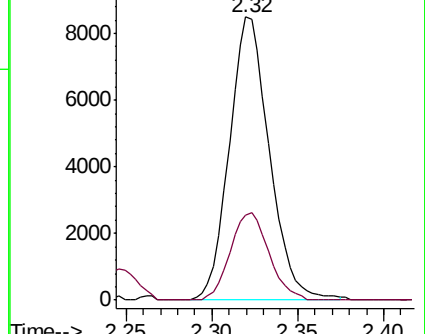
43 100

58 29.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 14.394 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026518.D

Acq: 04 Sep 2018 12:25

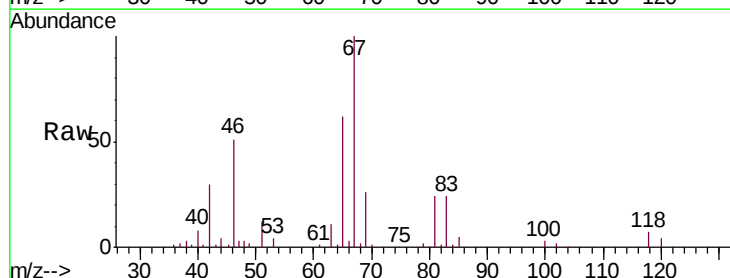
Tgt Ion: 83 Resp: 12511

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

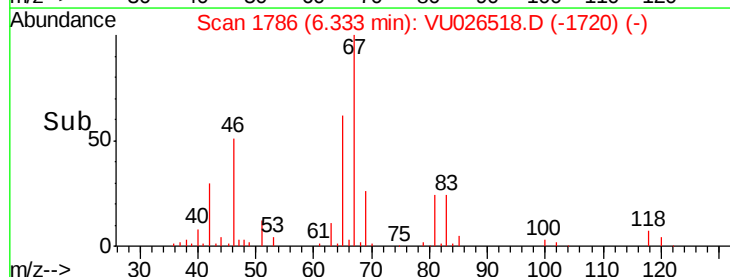
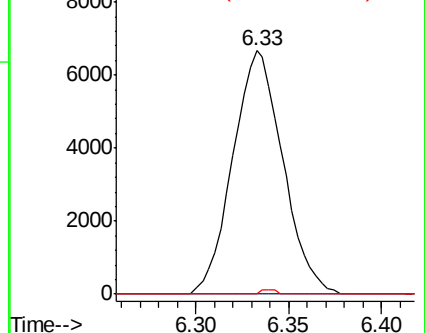
98 0.5 36.7 55.1#

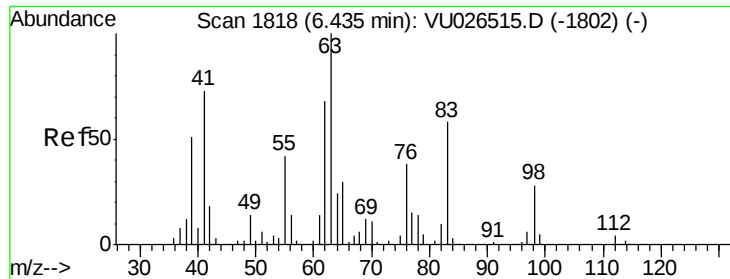


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

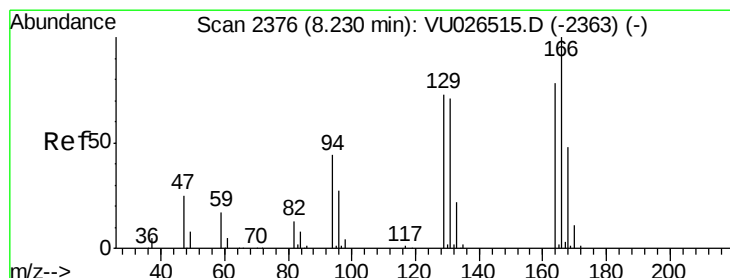
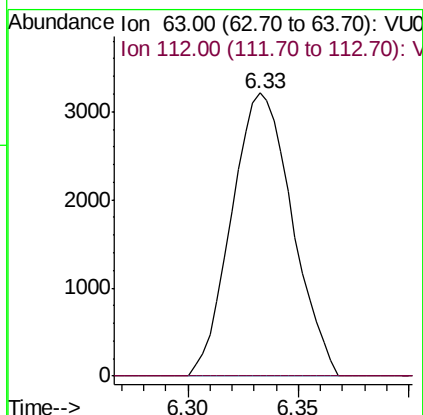
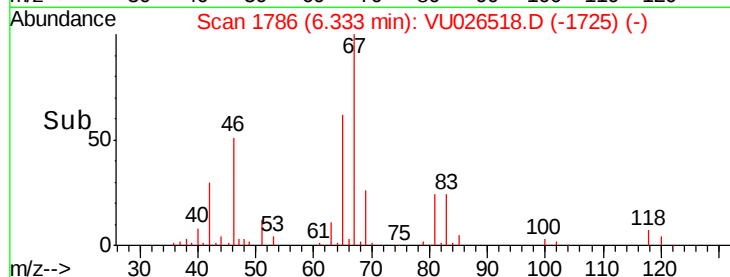
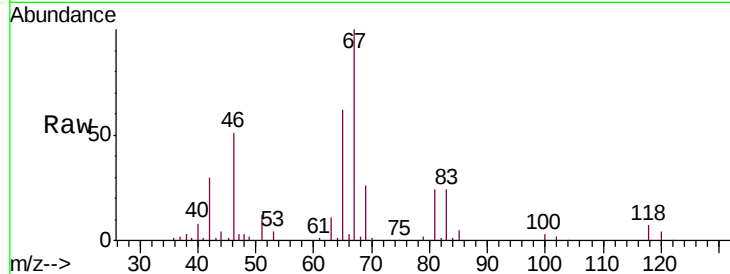




#37
 1,2-Dichloropropane
 Concen: 9.983 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026518.D
 Acq: 04 Sep 2018 12:25

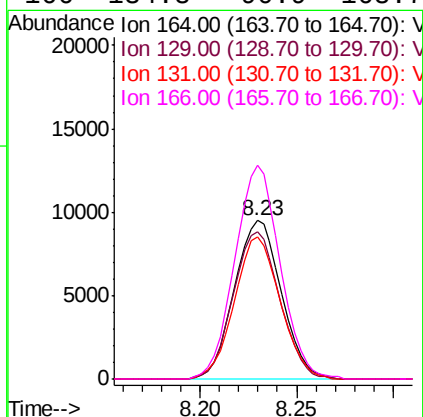
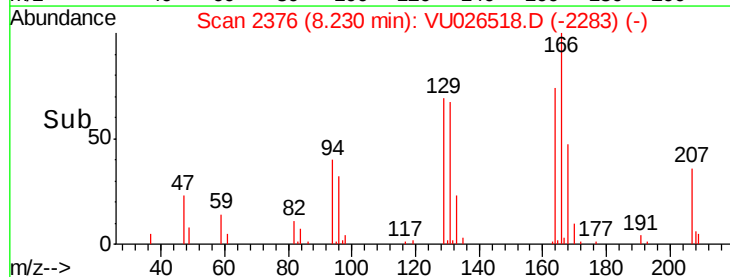
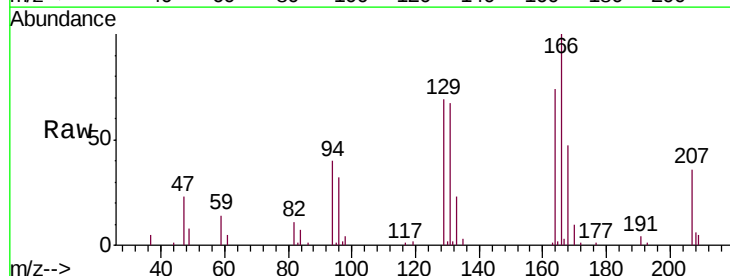
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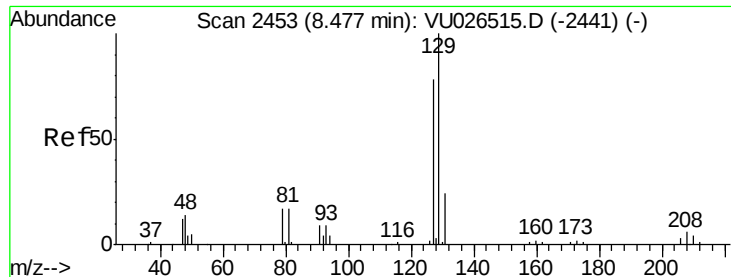
Tgt Ion: 63 Resp: 6133
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 35.195 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026518.D
 Acq: 04 Sep 2018 12:25

Tgt Ion: 164 Resp: 16017
 Ion Ratio Lower Upper
 164 100
 129 92.9 67.3 125.1
 131 89.9 65.3 121.3
 166 134.8 90.9 168.7





#49

Dibromochloromethane

Concen: 23.344 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026518.D

Acq: 04 Sep 2018 12:25

Instrument :

MSVOA_U

ClientSampleId :

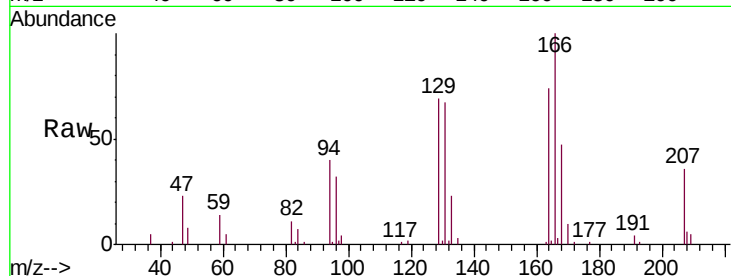
BEE18

Tgt Ion:129 Resp: 14804

Ion Ratio Lower Upper

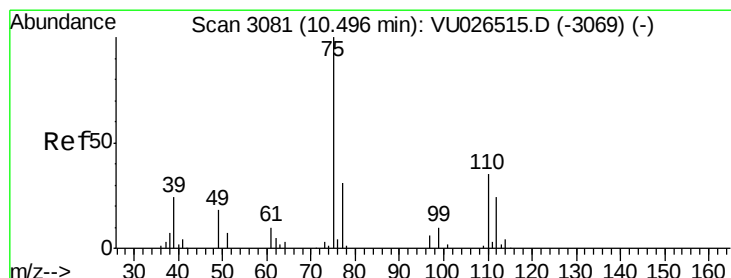
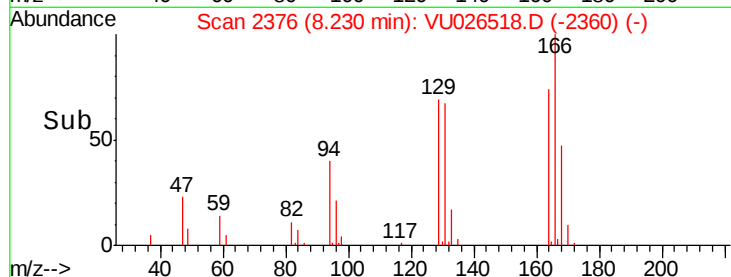
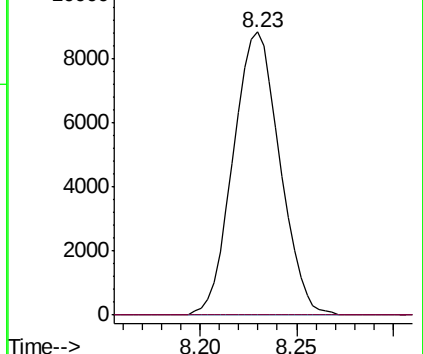
129 100

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: 7.515 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026518.D

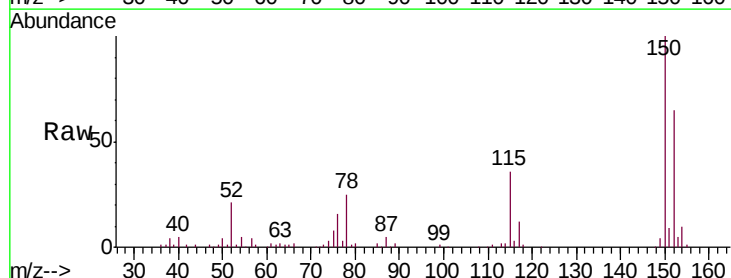
Acq: 04 Sep 2018 12:25

Tgt Ion: 75 Resp: 5761

Ion Ratio Lower Upper

75 100

77 38.8 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

