

Data File : VU026509.D
Acq On : 31 Aug 2018 18:54
Operator : MD/SY
Sample : J4691-16DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE13DL

Quant Time: Sep 01 01:05:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	142545	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	133564	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37337	42.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.56%
7) Chloroethane-d5	1.68	69	36016	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.27	63	53204	26.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.50%#
21) 2-Butanone-d5	4.18	46	74513	108.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.70%
24) Chloroform-d	4.65	84	80387	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
26) 1,2-Dichloroethane-d4	5.31	65	55435	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
32) Benzene-d6	5.34	84	154296	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
36) 1,2-Dichloropropane-d6	6.33	67	54773	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.58%
41) Toluene-d8	7.57	98	137943	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%
43) trans-1,3-Dichloropropene-	7.85	79	23426	48.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.02%
47) 2-Hexanone-d5	8.31	63	53902	111.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79715	51.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	56522	54.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.96%

Target Compounds

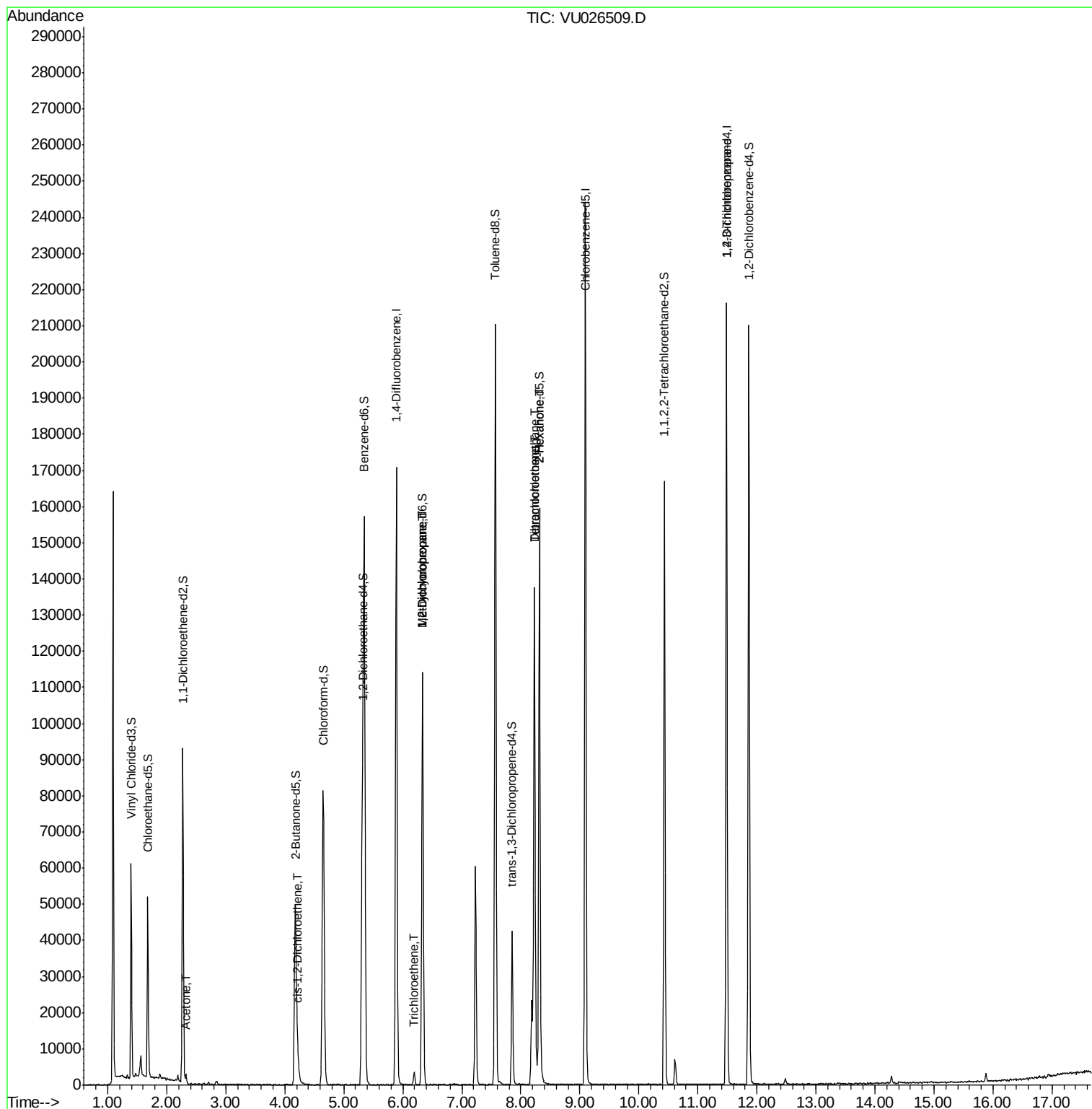
					Qvalue	
13) Acetone	2.32	43	2290	3.858	ug/L #	44
20) cis-1,2-Dichloroethene	4.23	96	1550	1.503	ug/L	98
34) Trichloroethene	6.19	95	1320	1.374	ug/L	91
35) Methylcyclohexane	6.34	83	12284	8.191	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	6085	5.740	ug/L #	88
46) Tetrachloroethene	8.23	164	29750	37.886	ug/L	95
48) 2-Hexanone	8.31	43	6396	5.681	ug/L #	67
49) Dibromochloromethane	8.23	129	27657	25.276	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	6609	4.997	ug/L #	88

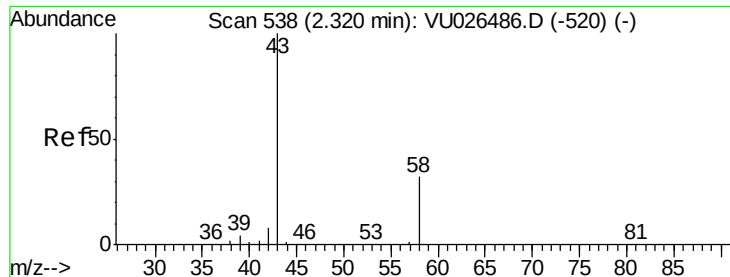
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.858 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026509.D

Acq: 31 Aug 2018 18:54

Instrument :

MSVOA_U

ClientSampleId :

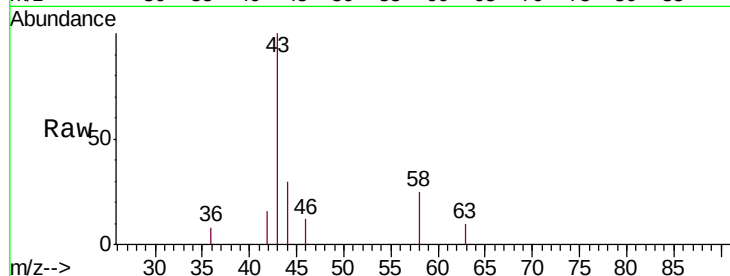
BEE13DL

Tgt Ion: 43 Resp: 2290

Ion Ratio Lower Upper

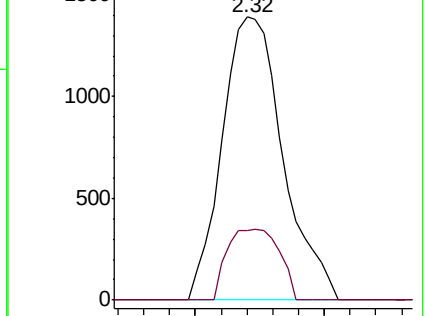
43 100

58 0.0 0.0 61.2

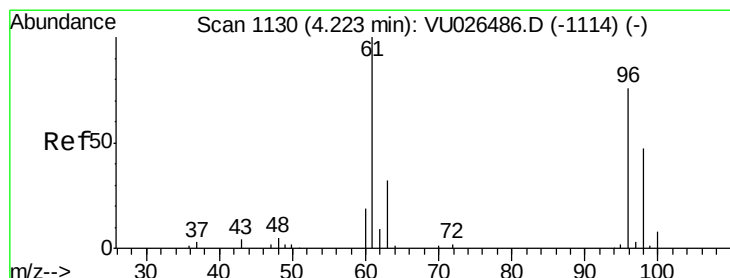
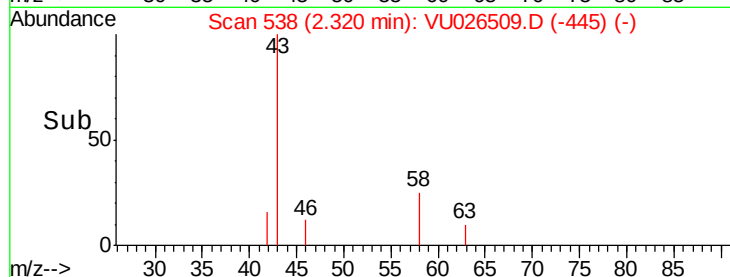


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.503 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026509.D

Acq: 31 Aug 2018 18:54

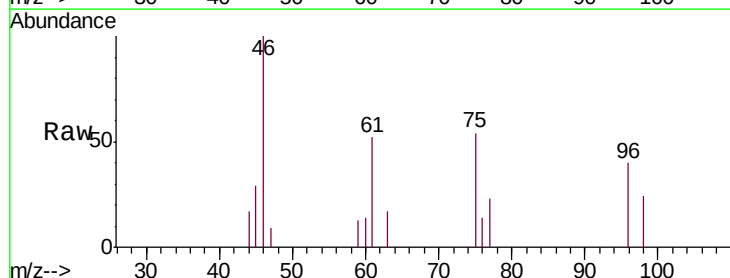
Tgt Ion: 96 Resp: 1550

Ion Ratio Lower Upper

96 100

61 128.6 91.6 170.2

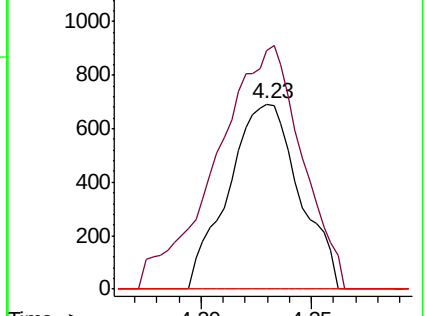
68 0.0 0.0 0.0



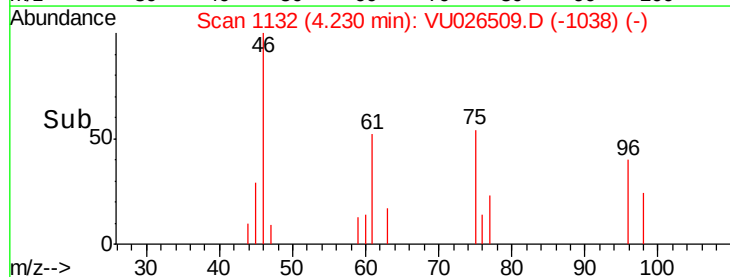
Abundance Ion 96.00 (95.70 to 96.70): VU0

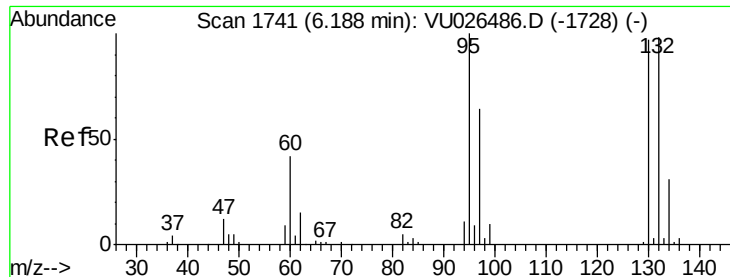
Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



Time-->





#34

Trichloroethene

Concen: 1.374 ug/L

RT: 6.19 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VU026509.D

Acq: 31 Aug 2018 18:54

Instrument :

MSVOA_U

ClientSampleId :

BEE13DL

Tgt Ion: 95 Resp: 1320

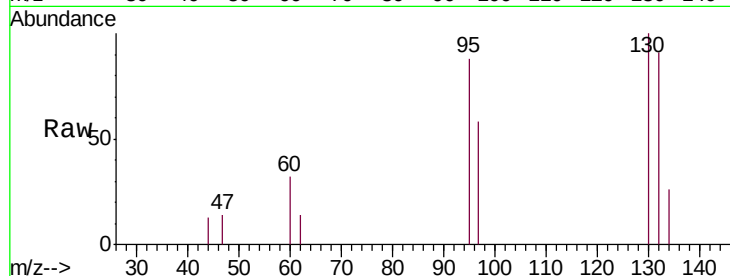
Ion Ratio Lower Upper

95 100

97 65.9 45.1 83.7

132 103.0 67.5 125.3

130 113.6 69.3 128.7

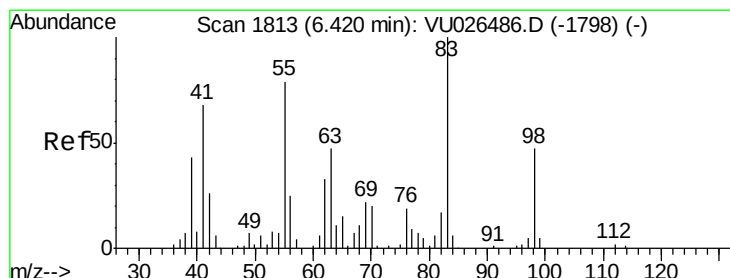
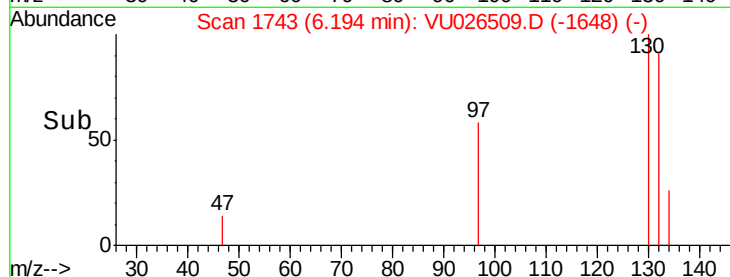
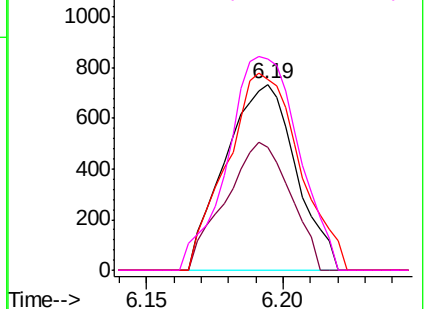


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 8.191 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU026509.D

Acq: 31 Aug 2018 18:54

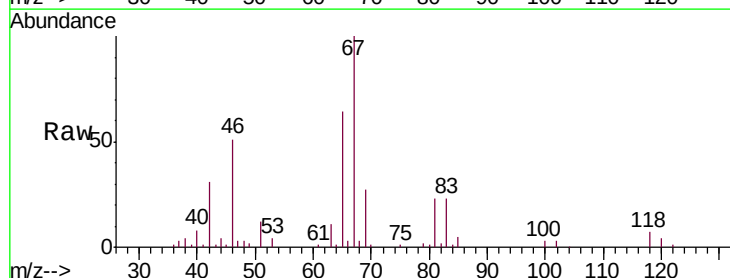
Tgt Ion: 83 Resp: 12284

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

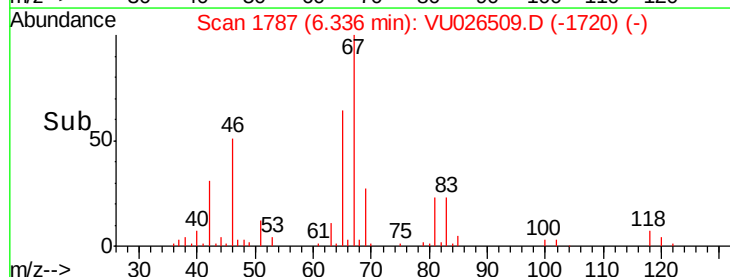
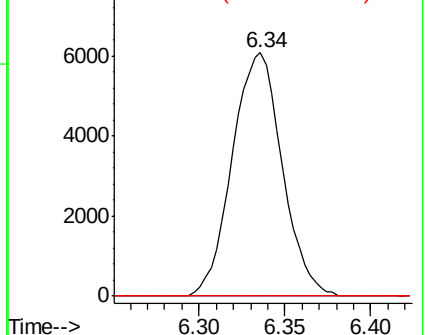
98 0.0 36.7 55.1#

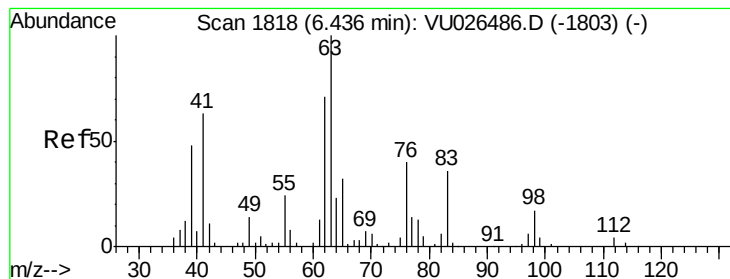


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 5.740 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026509.D

Acq: 31 Aug 2018 18:54

Instrument :

MSVOA_U

ClientSampleId :

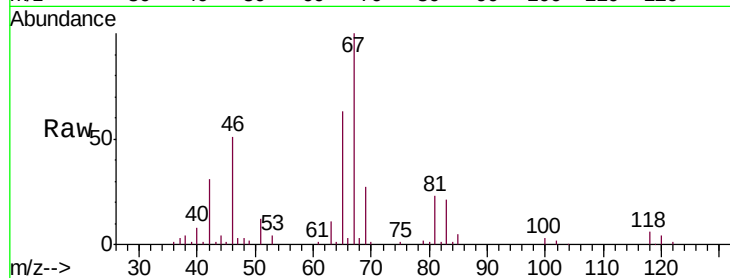
BEE13DL

Tgt Ion: 63 Resp: 6085

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU026509.D (-1725) (-)

Ion 112.00 (111.70 to 112.70): VU026509.D (-1725) (-)

6.33

3000

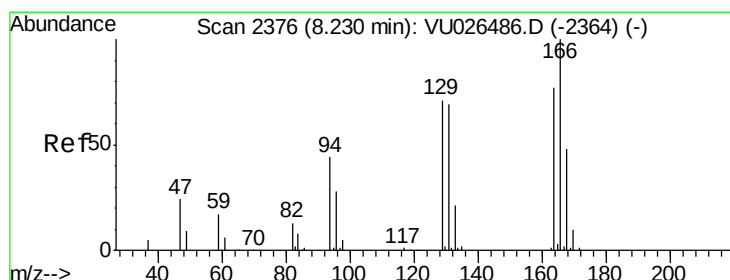
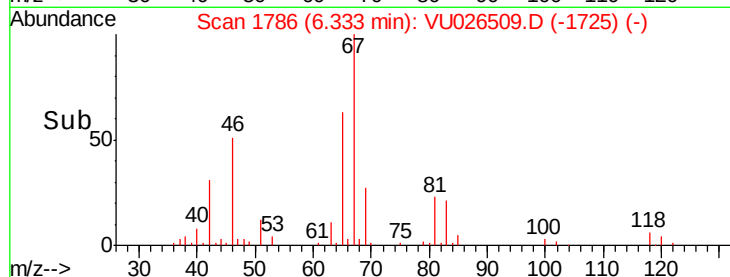
2000

1000

0

6.30 6.35

Time-->



#46

Tetrachloroethene

Concen: 37.886 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026509.D

Acq: 31 Aug 2018 18:54

Tgt Ion: 164 Resp: 29750

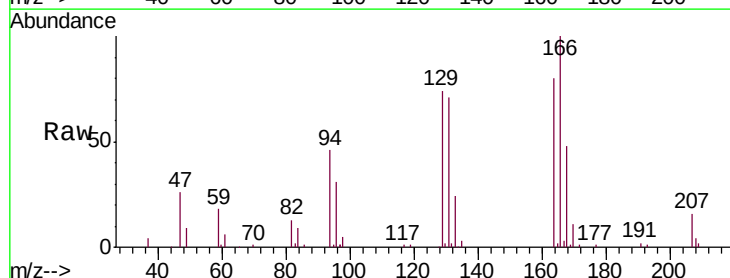
Ion Ratio Lower Upper

164 100

129 92.1 67.3 125.1

131 88.3 65.3 121.3

166 124.4 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): VU026509.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU026509.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU026509.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU026509.D (-2283) (-)

8.23

30000

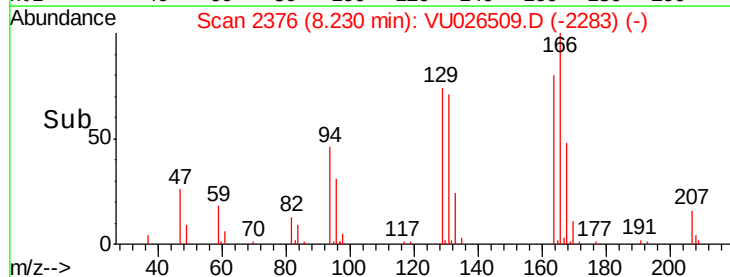
20000

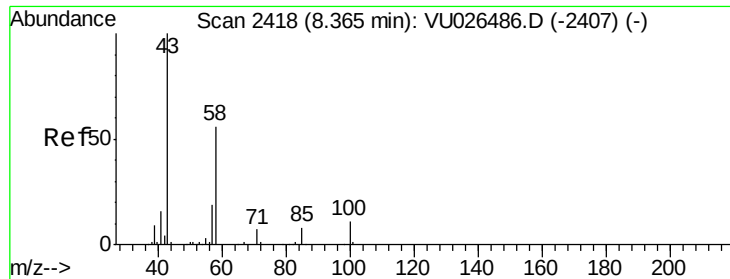
10000

0

8.15 8.20 8.25 8.30

Time-->

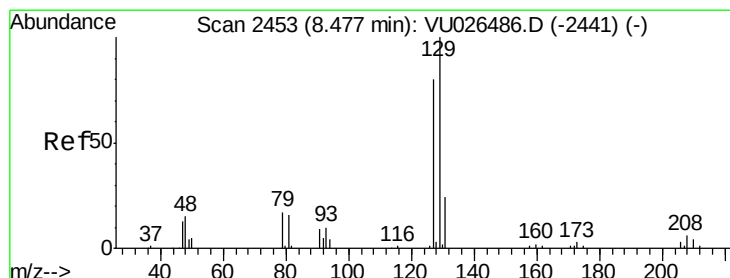
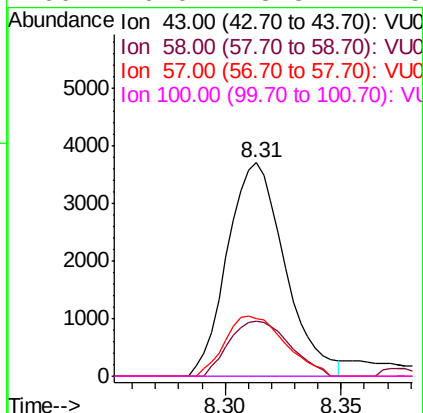
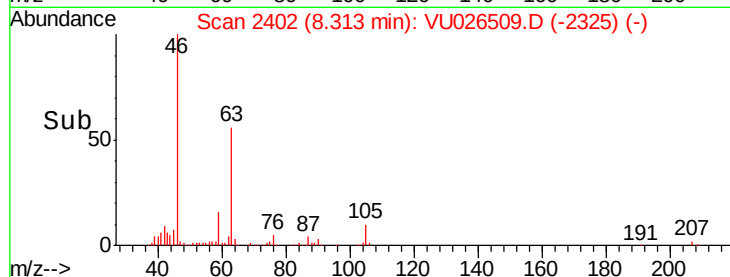
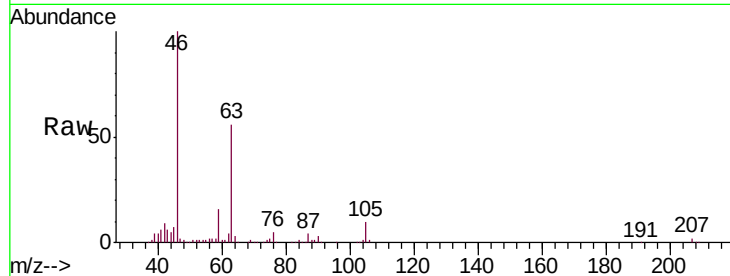




#48
2-Hexanone
Concen: 5.681 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026509.D
Acq: 31 Aug 2018 18:54

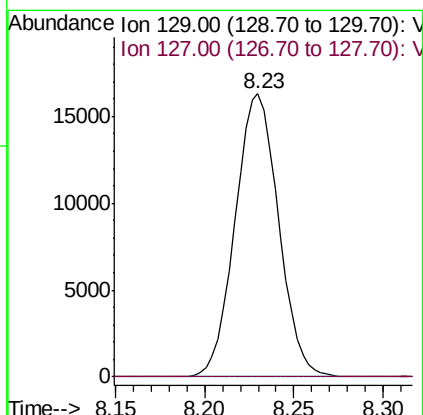
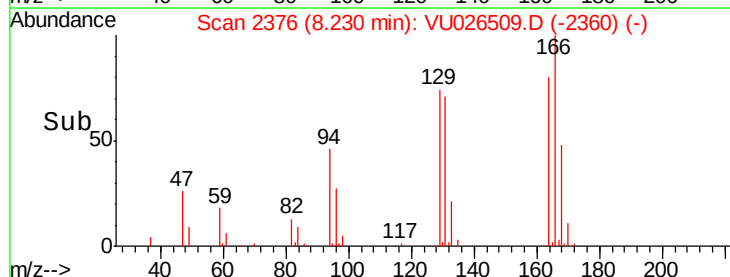
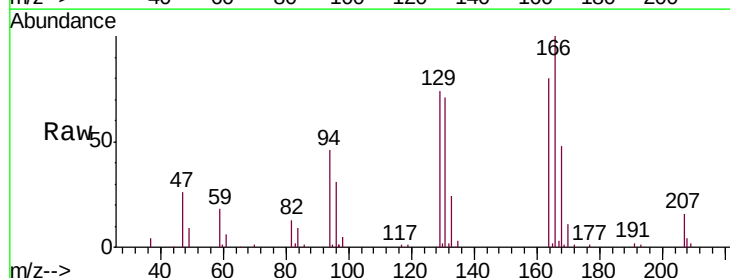
Instrument :
MSVOA_U
ClientSampled :
BEE13DL

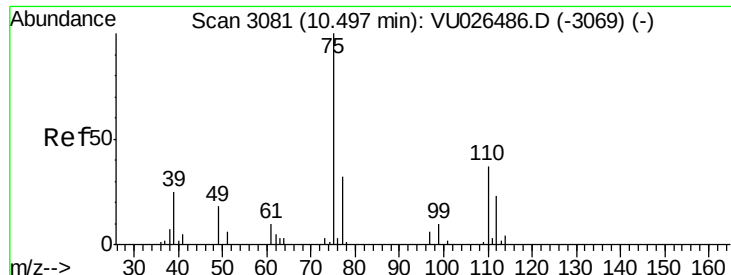
Tgt Ion: 43 Resp: 6396
Ion Ratio Lower Upper
43 100
58 27.2 42.2 63.4#
57 29.5 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 25.276 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026509.D
Acq: 31 Aug 2018 18:54

Tgt Ion: 129 Resp: 27657
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 4.997 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026509.D

Acq: 31 Aug 2018 18:54

Instrument :

MSVOA_U

ClientSampleId :

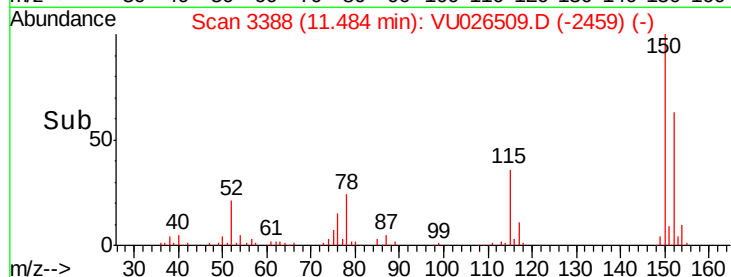
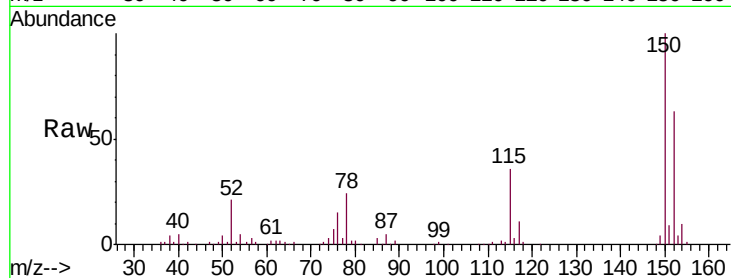
BEE13DL

Tgt Ion: 75 Resp: 6609

Ion Ratio Lower Upper

75 100

77 37.8 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

