

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007241.D
 Acq On : 29 Aug 2018 00:03
 Operator : SY/MD
 Sample : J4647-08
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB74

Quant Time: Aug 29 04:03:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	221852	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71072	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	62267	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	95022	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.97	46	207144	52.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.36%
24) Chloroform-d	4.41	84	152430	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.09	65	79697	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	283775	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.12	67	97360	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.37	98	207348	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	7.67	79	29155	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.15	63	71704	37.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77200	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	78348	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

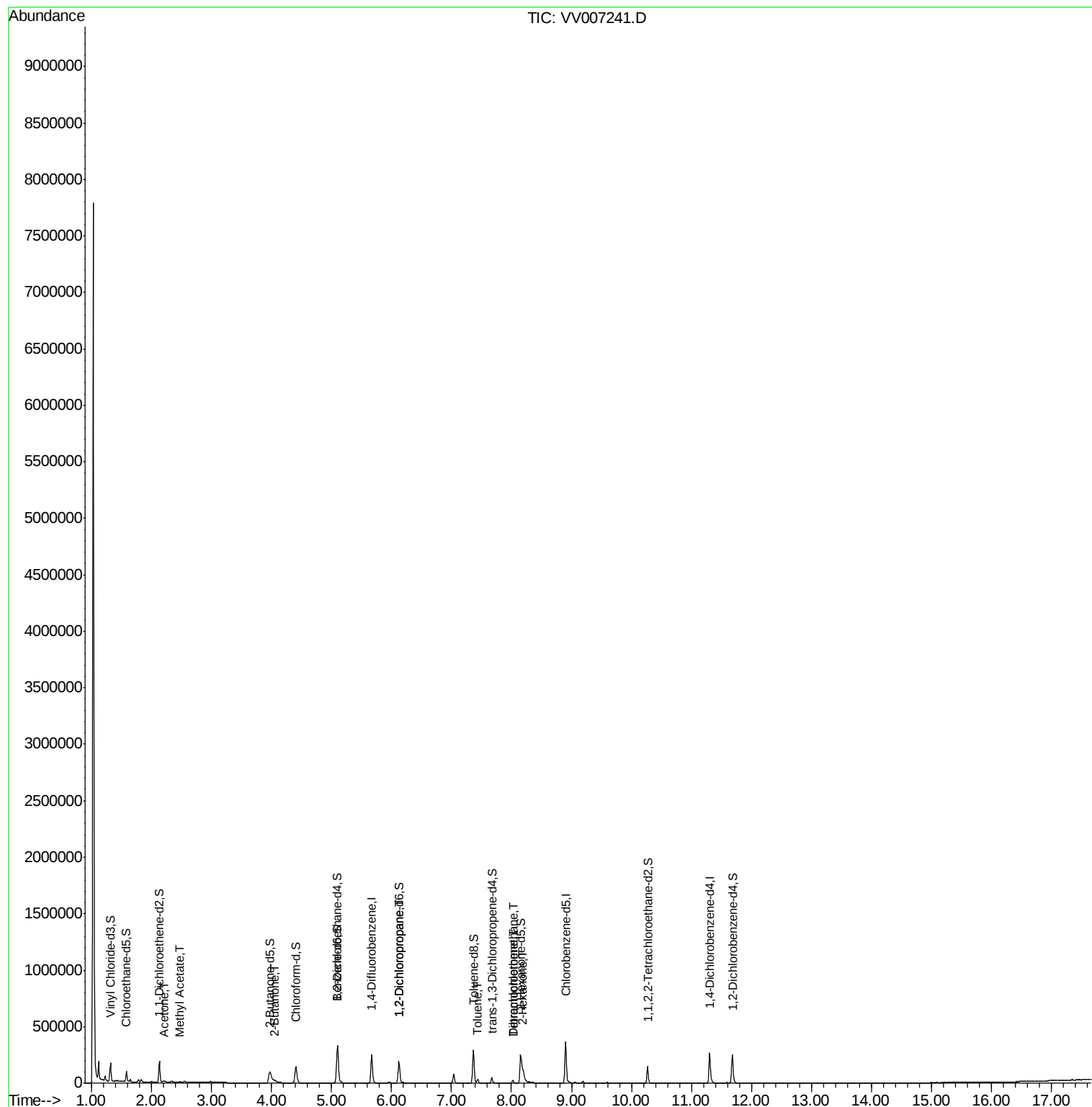
					Ovalue
13) Acetone	2.21	43	11226	5.693	ug/L 97
15) Methyl Acetate	2.47	43	1167	0.223	ug/L # 82
21) 2-Butanone	4.06	43	2138	0.521	ug/L 85
37) 1,2-Dichloropropane	6.12	63	10228	0.581	ug/L # 85
42) Toluene	7.44	91	19941	0.306	ug/L 99
47) Tetrachloroethene	8.03	164	5355	0.387	ug/L 89
48) 2-Hexanone	8.20	43	43644	6.339	ug/L # 89
49) Dibromochloromethane	8.03	129	4881	0.342	ug/L # 10

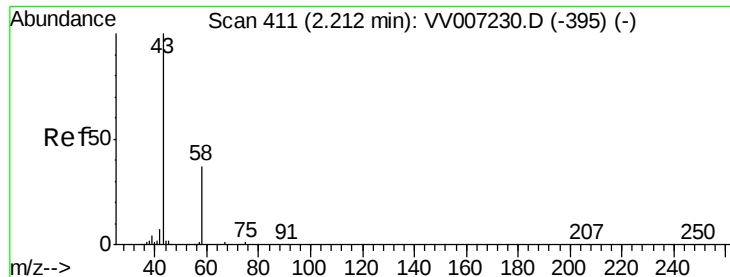
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 04:00:48 2018
Response via : Initial Calibration





#13

Acetone

Concen: 5.693 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007241.D

Acq: 29 Aug 2018 00:03

Instrument :

MSVOA_V

ClientSampleId :

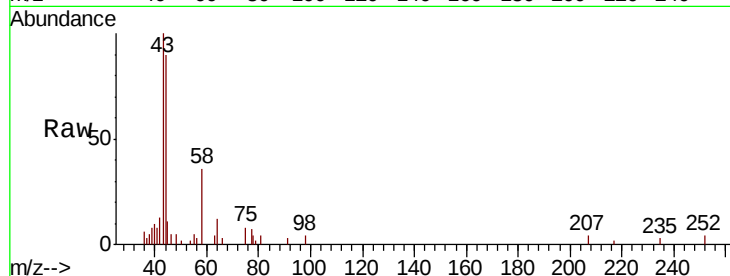
GAB74

Tot Ion: 43 Resp: 11226

Ion Ratio Lower Upper

43 100

58 33.5 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VV007230.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV007230.D (-395) (-)

2.21

5000

4000

3000

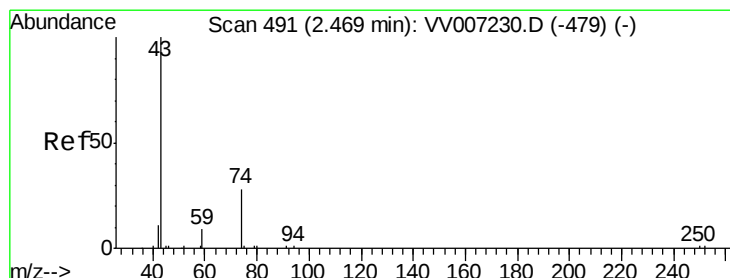
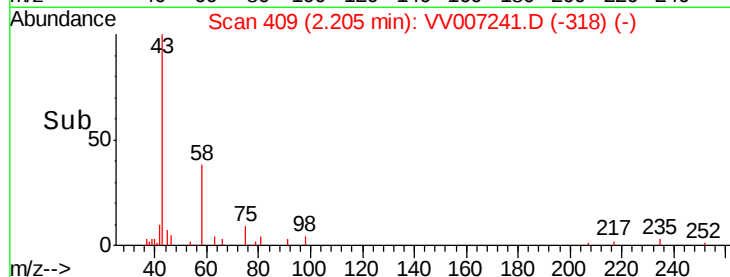
2000

1000

0

2.15 2.20 2.25 2.30

Time-->



#15

Methyl Acetate

Concen: 0.223 ug/L

RT: 2.47 min Scan# 490

Delta R.T. -0.00 min

Lab File: VV007241.D

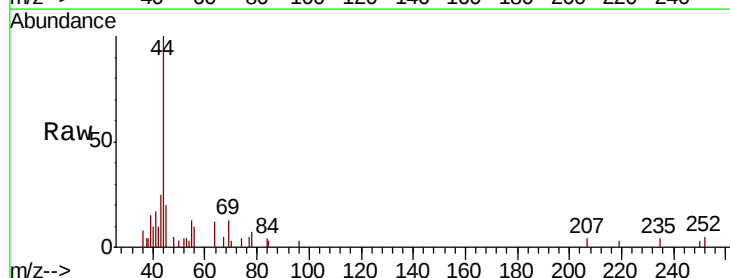
Acq: 29 Aug 2018 00:03

Tgt Ion: 43 Resp: 1167

Ion Ratio Lower Upper

43 100

74 18.3 22.2 33.2#



Abundance Ion 43.05 (42.75 to 43.75): VV007230.D (-479) (-)

Ion 74.05 (73.75 to 74.75): VV007230.D (-479) (-)

2.47

1000

800

600

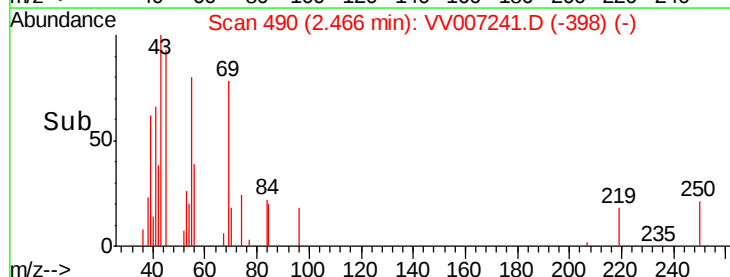
400

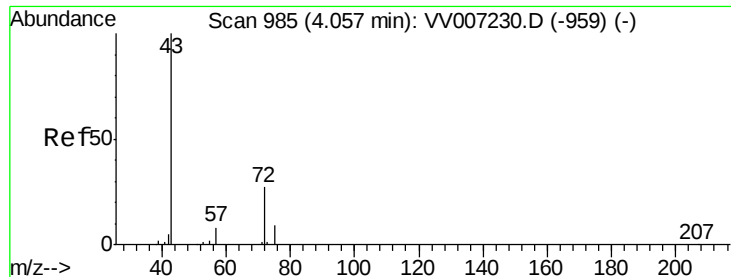
200

0

2.45 2.50

Time-->





#21

2-Butanone

Concen: 0.521 ug/L

RT: 4.06 min Scan# 987

Delta R.T. 0.01 min

Lab File: VV007241.D

Acq: 29 Aug 2018 00:03

Instrument :

MSVOA_V

ClientSampled :

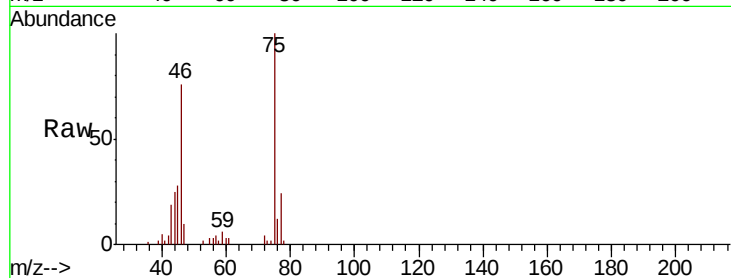
GAB74

Tot Ion: 43 Resp: 2138

Ion Ratio Lower Upper

43 100

72 32.4 12.4 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV007230.D (-959) (-)

Ion 72.10 (71.80 to 72.80): VV007230.D (-959) (-)

4.06

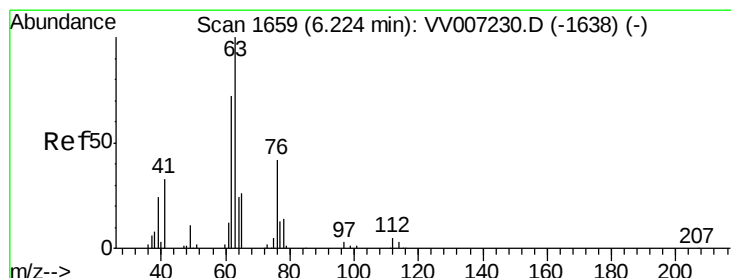
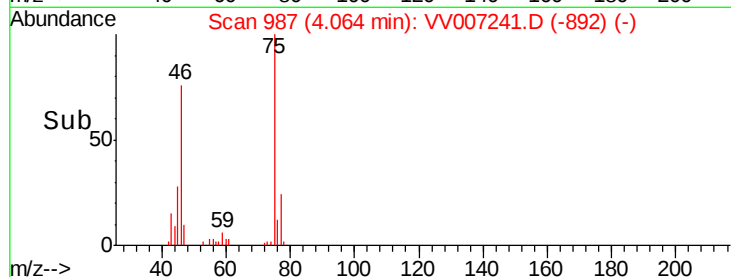
1500

1000

500

0

Time-->



#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007241.D

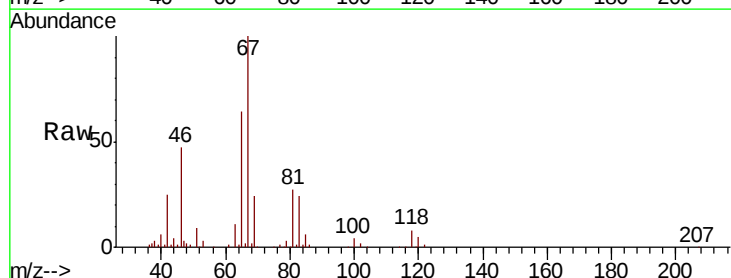
Acq: 29 Aug 2018 00:03

Tgt Ion: 63 Resp: 10228

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VV007230.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VV007230.D (-1638) (-)

6.12

6000

5000

4000

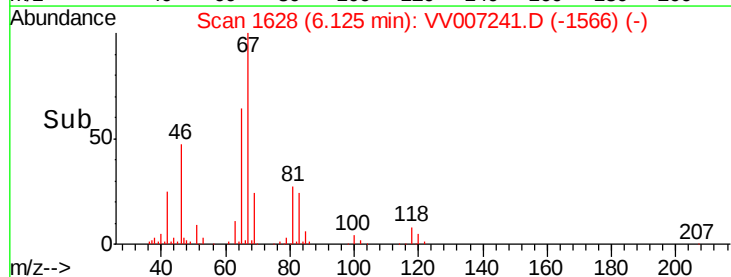
3000

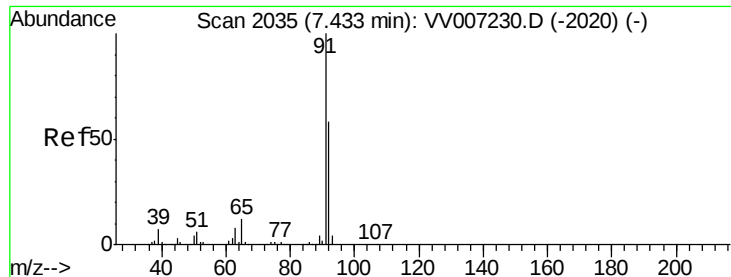
2000

1000

0

Time-->





#42

Toluene

Concen: 0.306 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007241.D

Acq: 29 Aug 2018 00:03

Instrument :

MSVOA_V

ClientSampleId :

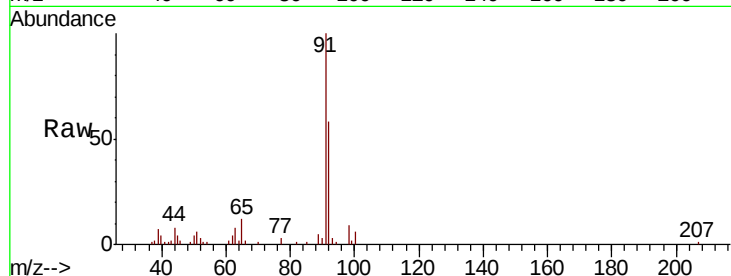
GAB74

Tot Ion: 91 Resp: 19941

Ion Ratio Lower Upper

91 100

92 58.3 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV007230.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VV007230.D (-2020) (-)

7.44

12000

10000

8000

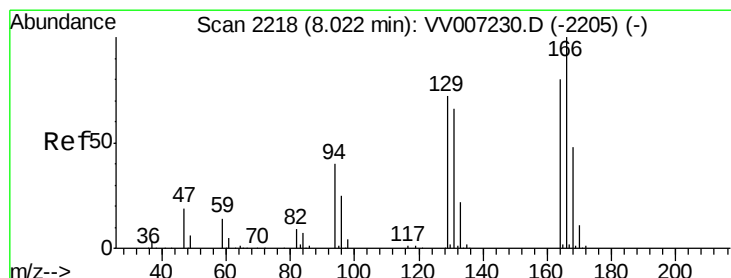
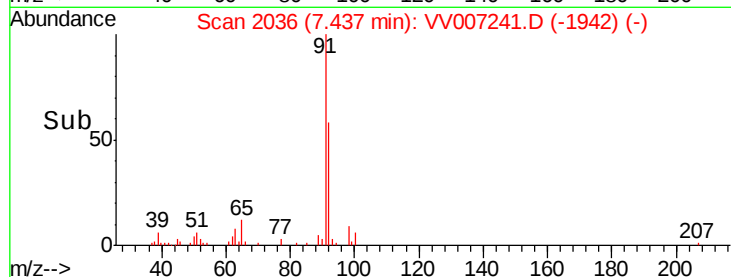
6000

4000

2000

0

Time-->



#47

Tetrachloroethene

Concen: 0.387 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV007241.D

Acq: 29 Aug 2018 00:03

Tgt Ion: 164 Resp: 5355

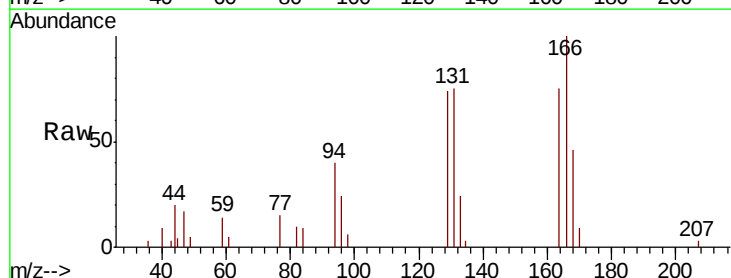
Ion Ratio Lower Upper

164 100

129 98.1 62.7 116.5

131 100.4 60.1 111.7

166 133.1 86.4 160.4



Abundance Ion 163.90 (163.60 to 164.60): VV007230.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV007230.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV007230.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VV007230.D (-2205) (-)

6000

5000

4000

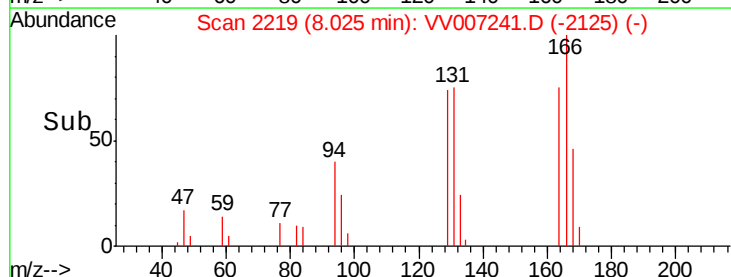
3000

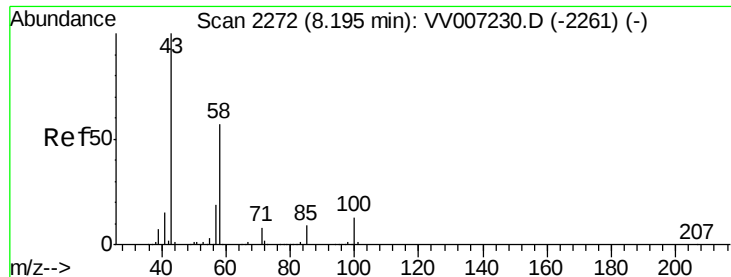
2000

1000

0

Time-->

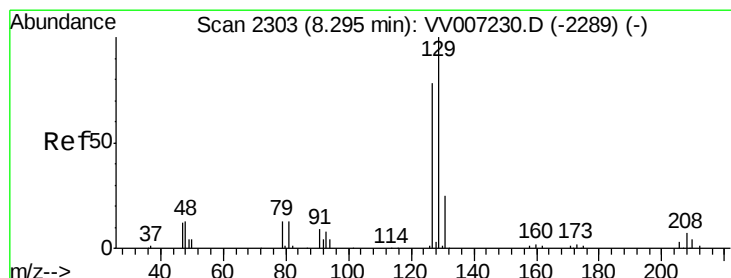
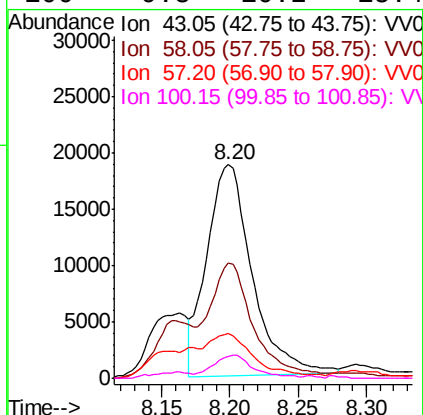
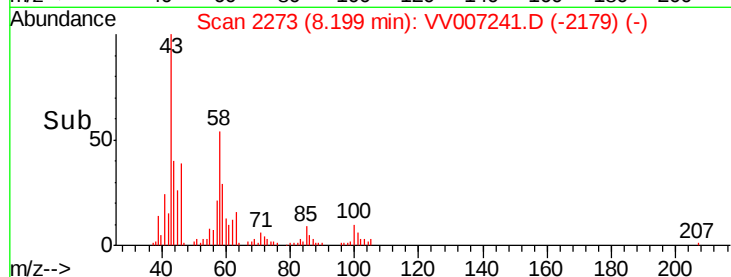
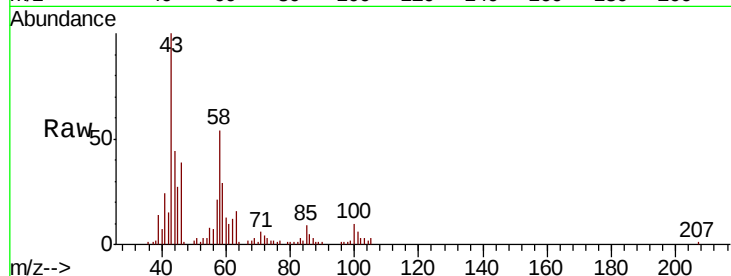




#48
2-Hexanone
Concen: 6.339 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007241.D
Acq: 29 Aug 2018 00:03

Instrument :
MSVOA_V
ClientSampled :
GAB74

Tot Ion: 43 Resp: 43644
Ion Ratio Lower Upper
43 100
58 50.6 50.0 75.0
57 21.3 16.6 25.0
100 9.8 10.2 15.4#



#49
Dibromochloromethane
Concen: 0.342 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. -0.27 min
Lab File: VV007241.D
Acq: 29 Aug 2018 00:03

Tgt Ion: 129 Resp: 4881
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#

