

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007246.D
 Acq On : 29 Aug 2018 02:18
 Operator : SY/MD
 Sample : J4647-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB77

Quant Time: Aug 29 04:04:06 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	215795	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81617	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72554	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	64341	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	97380	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.97	46	203244	53.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	4.40	84	154458	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	78476	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	283351	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	96003	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.37	98	203078	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	7.67	79	28159	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.15	63	73233	39.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74553	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	74223	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

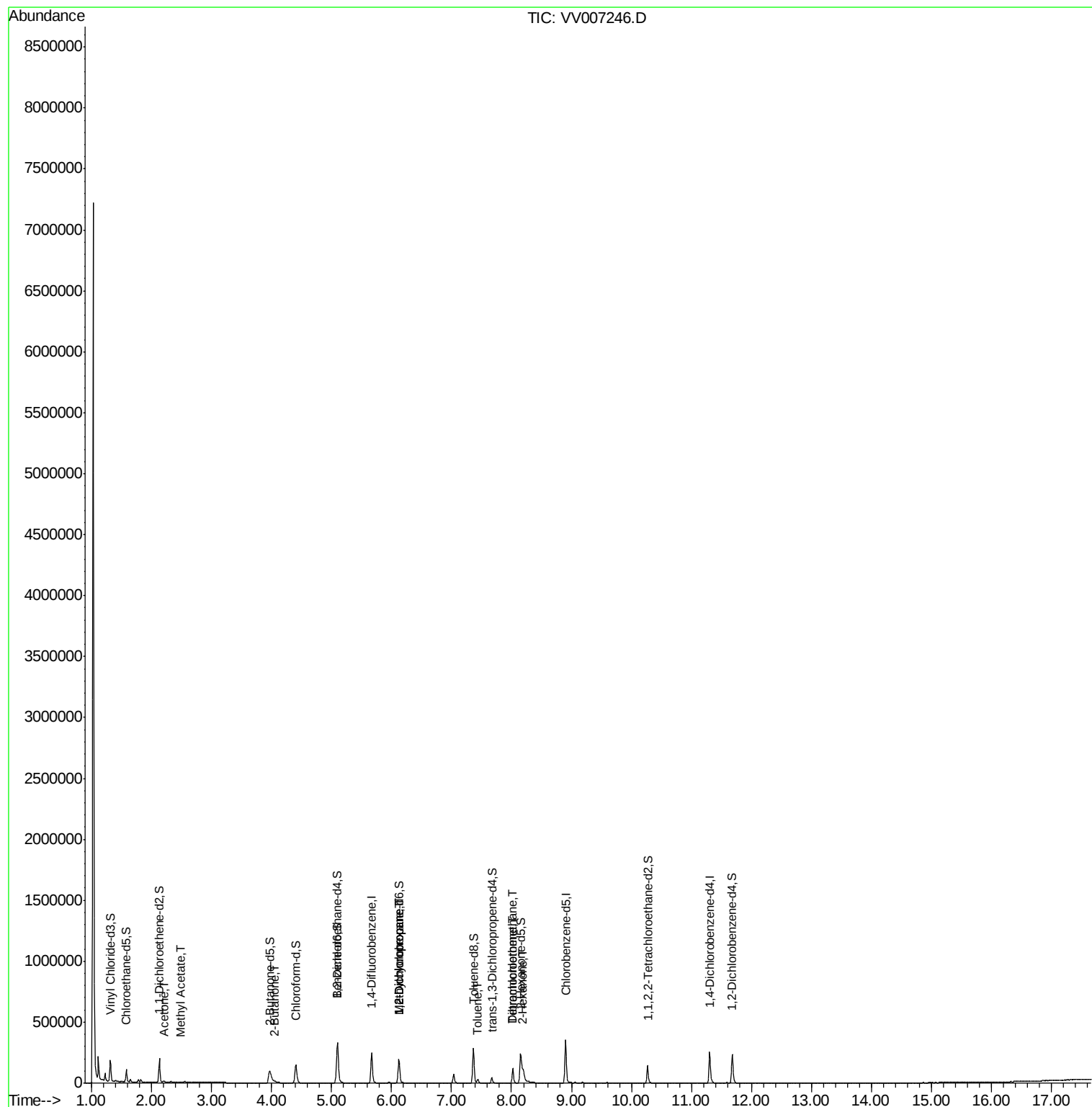
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	12636	6.588	ug/L	97
15) Methyl Acetate	2.47	43	1183	0.233	ug/L #	47
21) 2-Butanone	4.06	43	5981	1.500	ug/L	76
35) Methylcyclohexane	6.12	83	23508	1.007	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9991	0.595	ug/L #	87
42) Toluene	7.44	91	18217	0.293	ug/L	98
47) Tetrachloroethene	8.02	164	29807	2.259	ug/L	96
48) 2-Hexanone	8.20	43	48219	7.343	ug/L #	88
49) Dibromochloromethane	8.02	129	25694	1.885	ug/L #	10

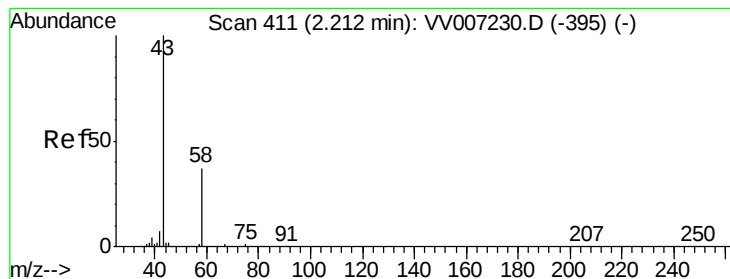
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.588 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007246.D

Acq: 29 Aug 2018 02:18

Instrument :

MSVOA_V

ClientSampleId :

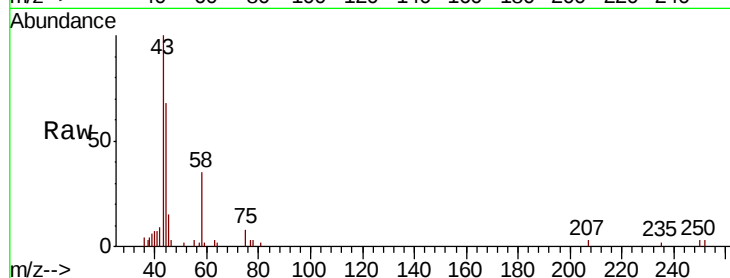
GAB77

Tot Ion: 43 Resp: 12636

Ion Ratio Lower Upper

43 100

58 33.6 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

6000

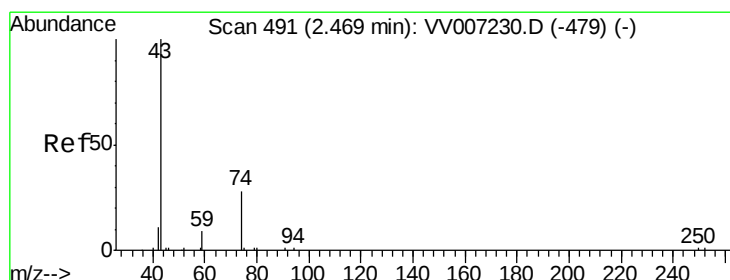
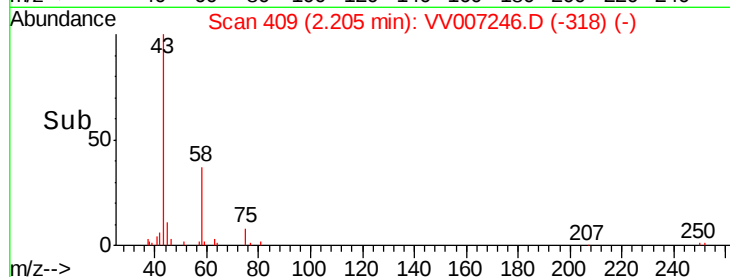
4000

2000

0

Time-->

2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 0.233 ug/L

RT: 2.47 min Scan# 491

Delta R.T. 0.00 min

Lab File: VV007246.D

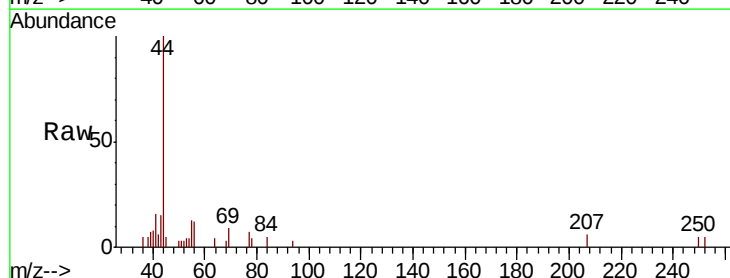
Acq: 29 Aug 2018 02:18

Tgt Ion: 43 Resp: 1183

Ion Ratio Lower Upper

43 100

74 0.0 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

600

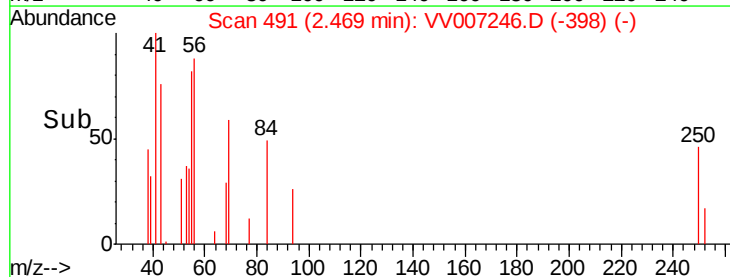
400

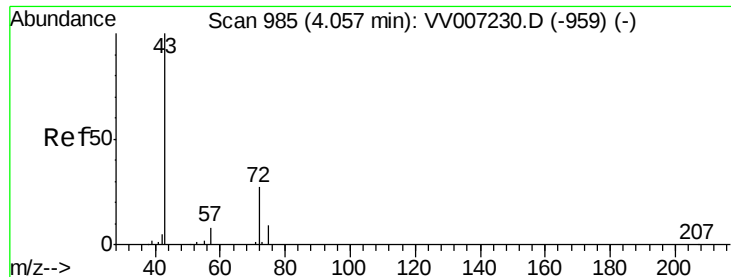
200

0

Time-->

2.40 2.45 2.50





#21

2-Butanone

Concen: 1.500 ug/L

RT: 4.06 min Scan# 985

Delta R.T. 0.00 min

Lab File: VV007246.D

Acq: 29 Aug 2018 02:18

Instrument :

MSVOA_V

ClientSampleId :

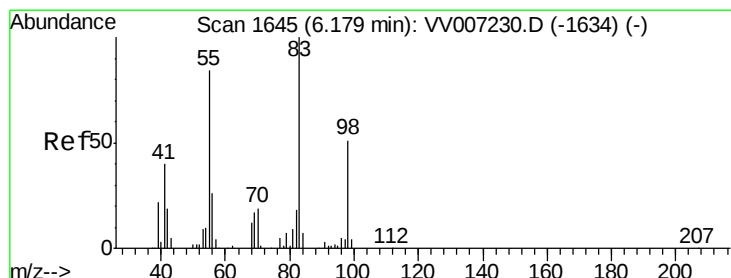
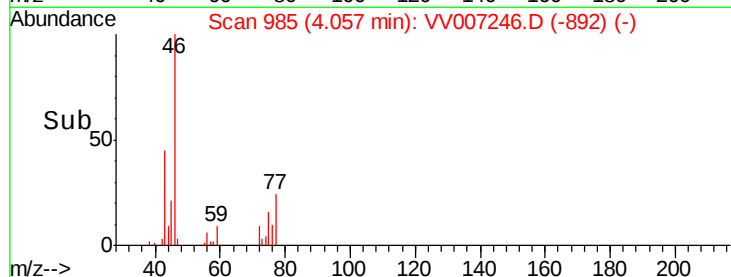
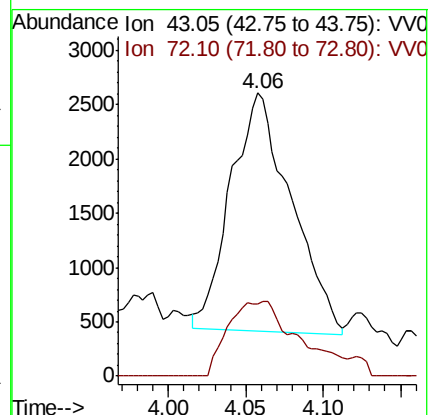
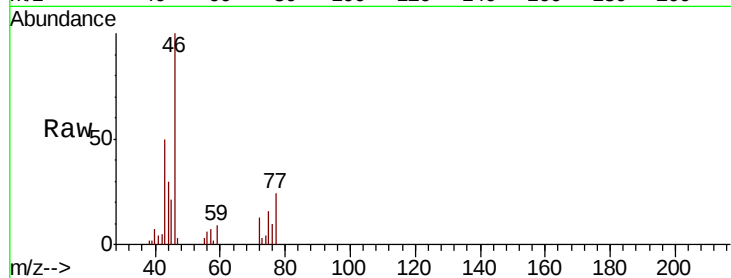
GAB77

Tot Ion: 43 Resp: 5981

Ion Ratio Lower Upper

43 100

72 36.8 12.4 37.0



#35

Methylcyclohexane

Concen: 1.007 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007246.D

Acq: 29 Aug 2018 02:18

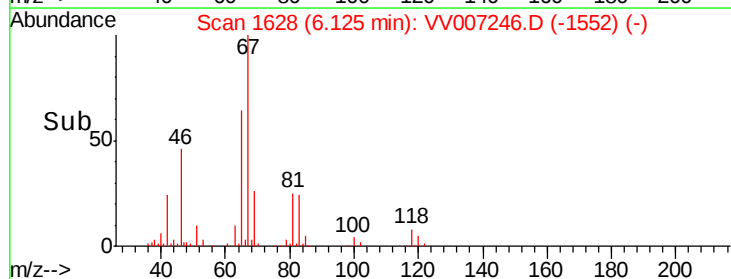
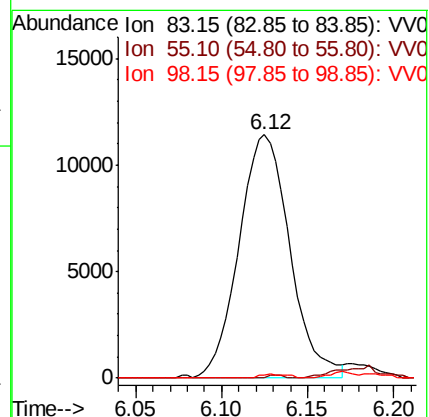
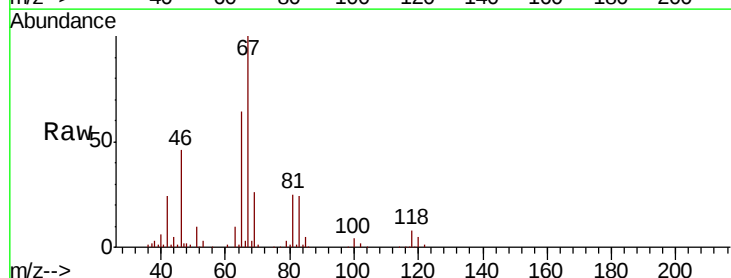
Tgt Ion: 83 Resp: 23508

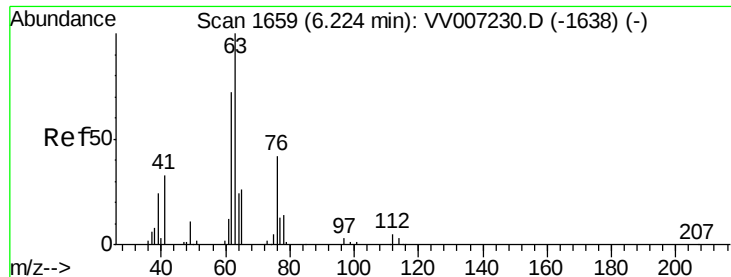
Ion Ratio Lower Upper

83 100

55 0.3 64.0 96.0#

98 0.8 38.8 58.2#

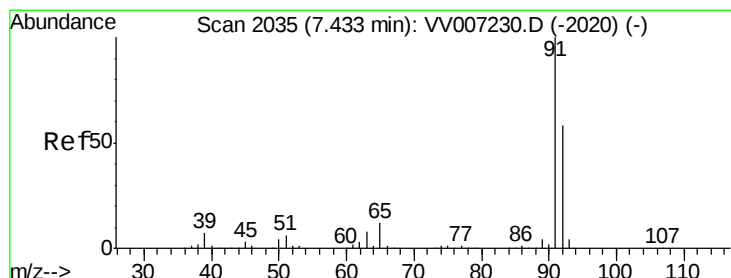
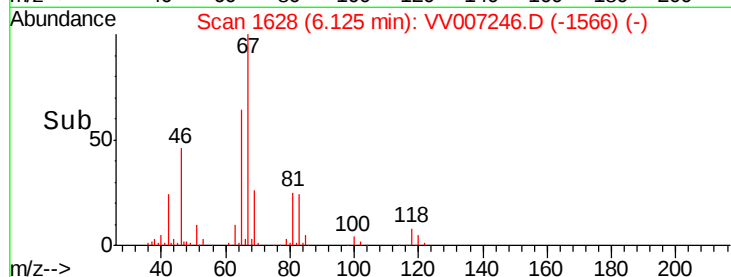
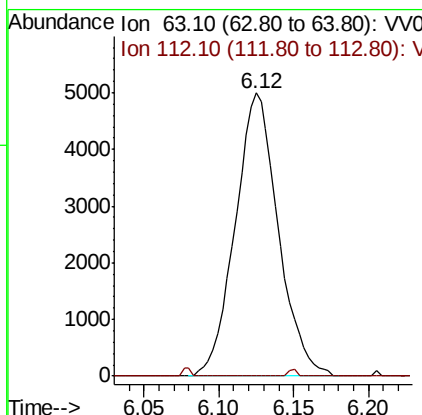
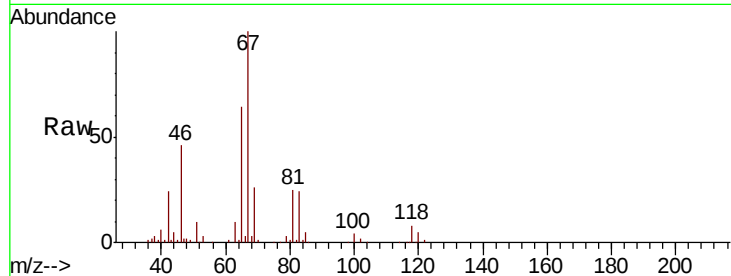




#37
 1,2-Dichloropropane
 Concen: 0.595 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV007246.D
 Acq: 29 Aug 2018 02:18

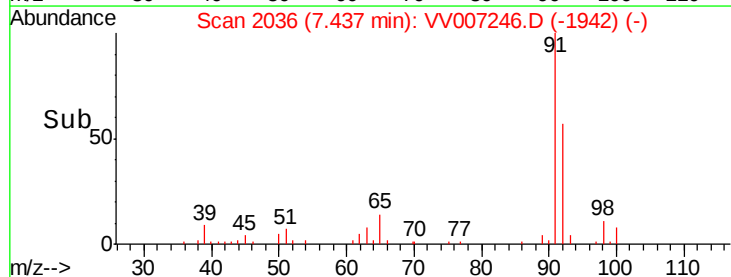
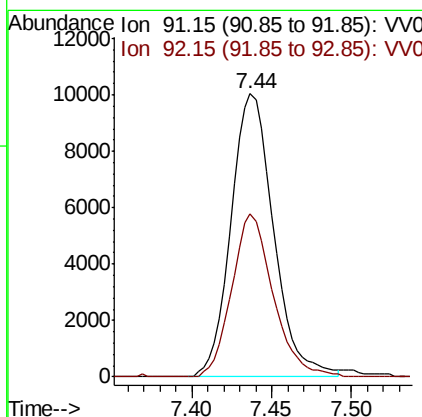
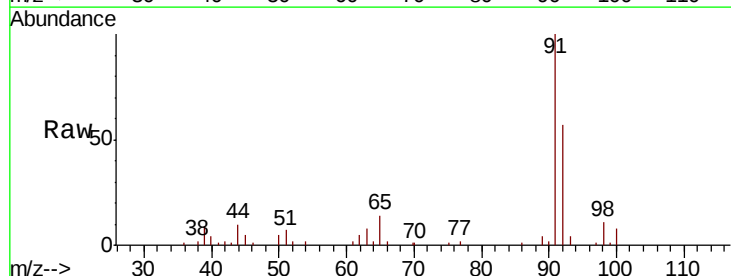
Instrument :
 MSVOA_V
 ClientSampled :
 GAB77

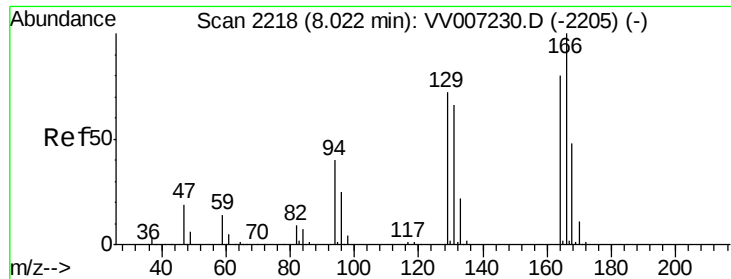
Tot Ion: 63 Resp: 9991
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.9 5.9#



#42
 Toluene
 Concen: 0.293 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV007246.D
 Acq: 29 Aug 2018 02:18

Tgt Ion: 91 Resp: 18217
 Ion Ratio Lower Upper
 91 100
 92 57.5 41.1 76.3

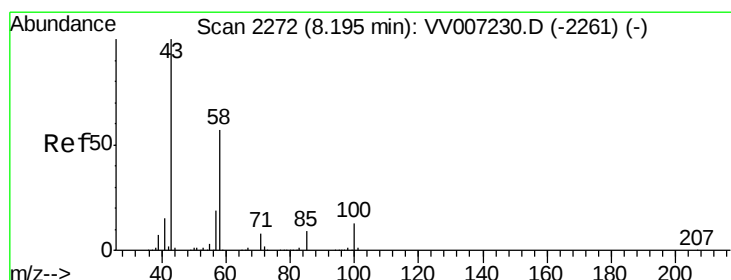
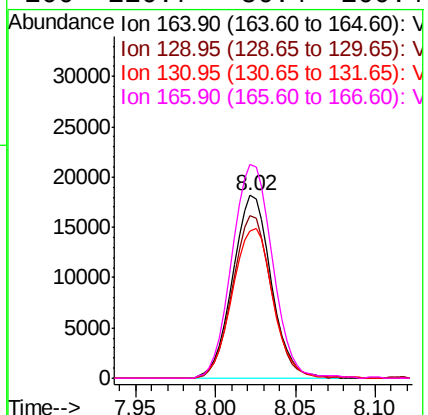
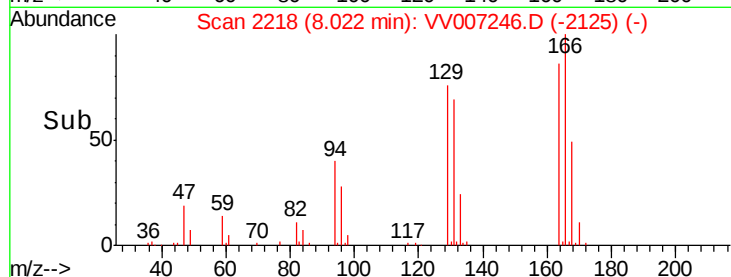
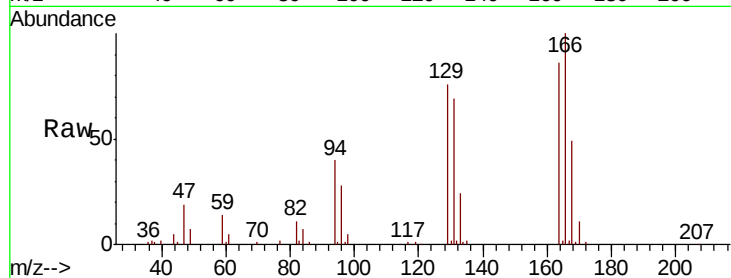




#47
Tetrachloroethene
Concen: 2.259 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV007246.D
Acq: 29 Aug 2018 02:18

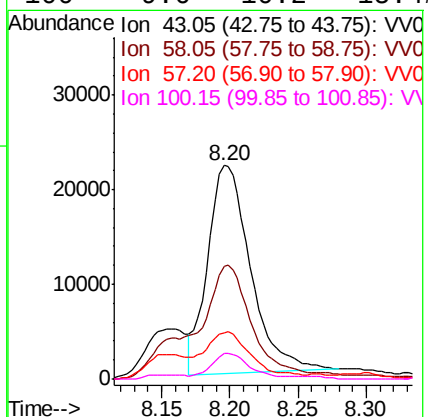
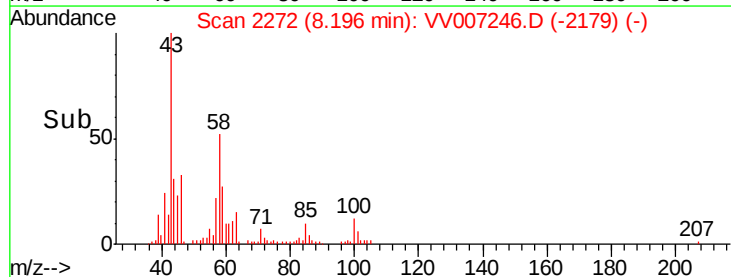
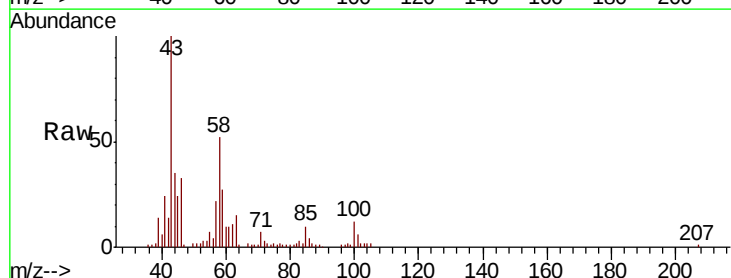
Instrument :
MSVOA_V
ClientSampleId :
GAB77

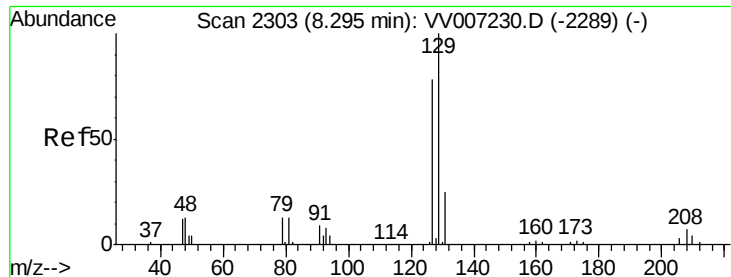
Tot Ion:	164	Resp:	29807
Ion	Ratio	Lower	Upper
164	100		
129	89.2	62.7	116.5
131	80.5	60.1	111.7
166	116.7	86.4	160.4



#48
2-Hexanone
Concen: 7.343 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV007246.D
Acq: 29 Aug 2018 02:18

Tgt Ion:	43	Resp:	48219
Ion	Ratio	Lower	Upper
43	100		
58	74.9	50.0	75.0
57	22.1	16.6	25.0
100	9.6	10.2	15.4#





#49

Dibromochloromethane

Concen: 1.885 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV007246.D

Acq: 29 Aug 2018 02:18

Instrument :

MSVOA_V

ClientSampleId :

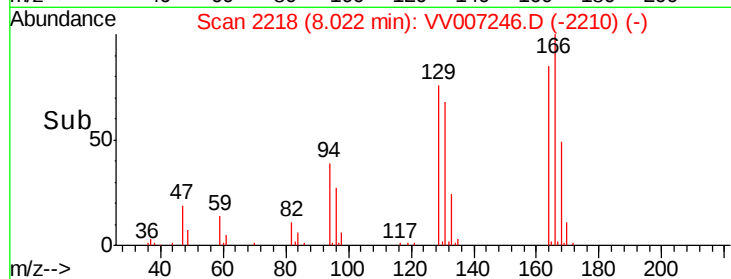
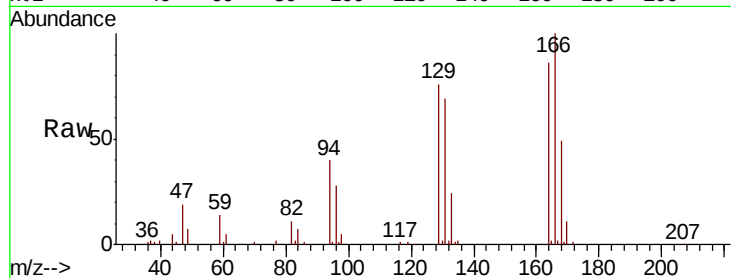
GAB77

Tot Ion:129 Resp: 25694

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

