

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
 Data File : VV005829.D
 Acq On : 07 May 2018 20:44
 Operator : SY/MD
 Sample : J2636-14
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1C23

Quant Time: May 08 01:25:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 08 01:22:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	238950	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	240991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105478	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87117	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.59	69	77160	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	141446	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.96	46	162767	45.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.24%
24) Chloroform-d	4.41	84	166927	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.10	65	96732	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.11	84	314262	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.13	67	96450	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.37	98	278695	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	33709	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.14	63	113669	36.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61981	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	113374	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

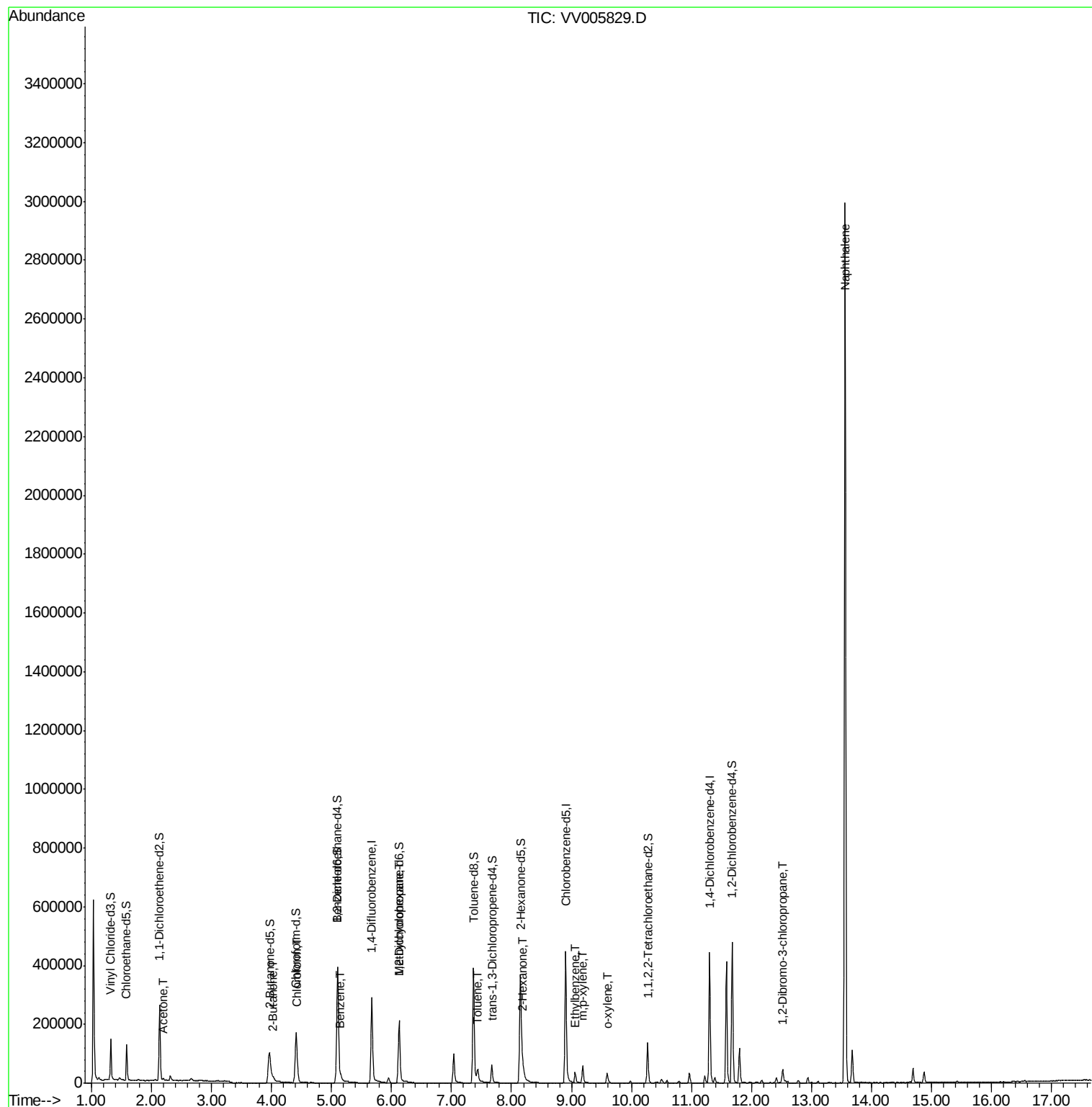
						Qvalue
13) Acetone	2.20	43	4084	1.35	ug/L	99
21) 2-Butanone	4.03	43	2248	0.55	ug/L	74
25) Chloroform	4.44	83	9489	0.25	ug/L	92
33) Benzene	5.15	78	15591	0.22	ug/L	100
35) Methylcyclohexane	6.13	83	23064	0.82	ug/L #	18
42) Toluene	7.44	91	23365	0.30	ug/L	99
48) 2-Hexanone	8.19	43	22153	2.79	ug/L #	73
52) Ethylbenzene	9.06	91	26621	0.32	ug/L	97
53) m,p-xylene	9.19	106	16046	0.53	ug/L	96
54) o-xylene	9.59	106	8019	0.27	ug/L	88
66) 1,2-Dibromo-3-chloropropan	12.52	75	1080	0.48	ug/L #	6
69) Naphthalene	13.56	128	2099991	70.63	ug/L	99

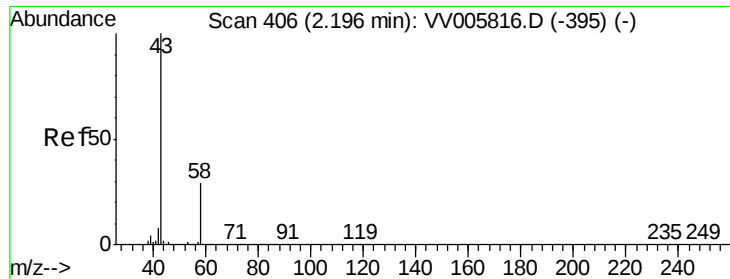
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 08 01:22:26 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.35 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV005829.D

Acq: 07 May 2018 20:44

Instrument :

MSVOA_V

ClientSampleId :

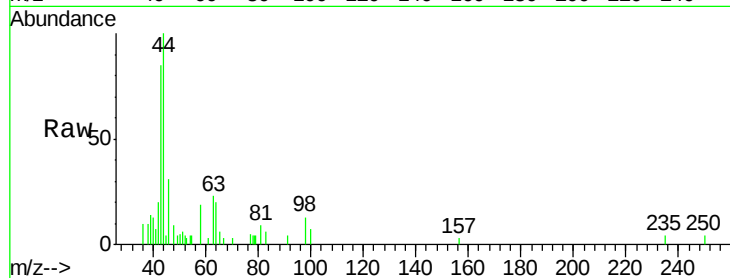
F1C23

Tgt Ion: 43 Resp: 4084

Ion Ratio Lower Upper

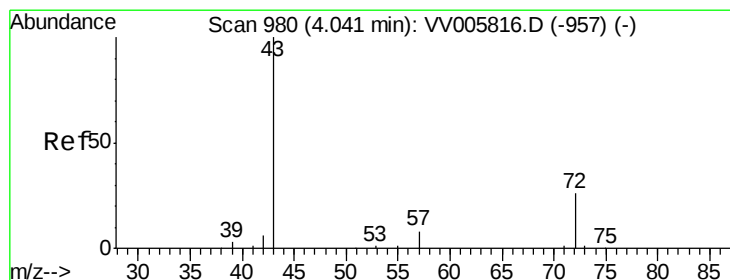
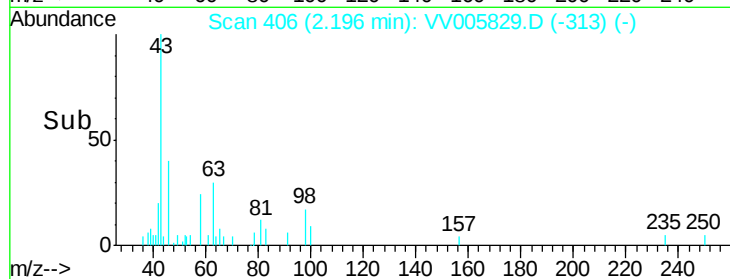
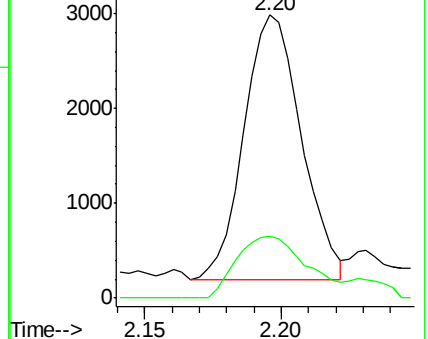
43 100

58 28.4 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV005816.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV005816.D (-395) (-)



#21

2-Butanone

Concen: 0.55 ug/L

RT: 4.03 min Scan# 977

Delta R.T. -0.01 min

Lab File: VV005829.D

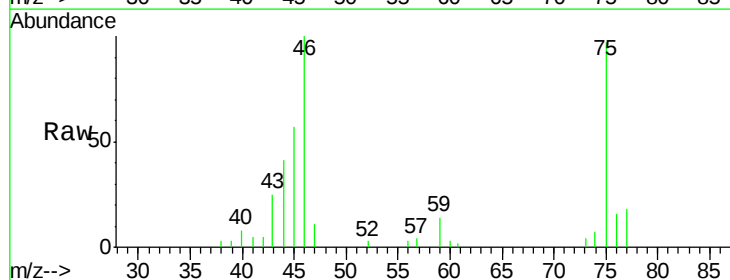
Acq: 07 May 2018 20:44

Tgt Ion: 43 Resp: 2248

Ion Ratio Lower Upper

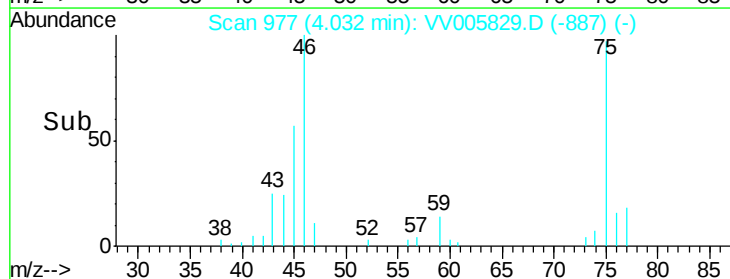
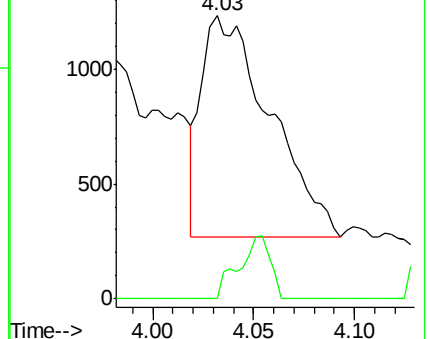
43 100

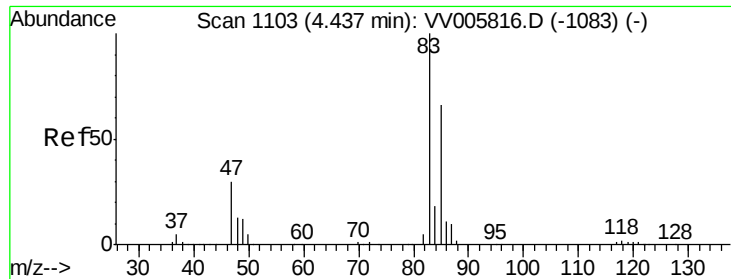
72 13.2 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VV005816.D (-957) (-)

Ion 72.10 (71.80 to 72.80): VV005816.D (-957) (-)

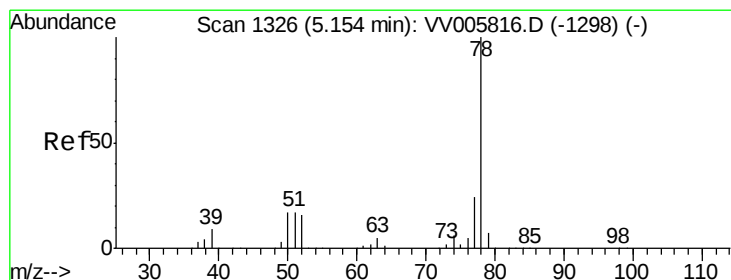
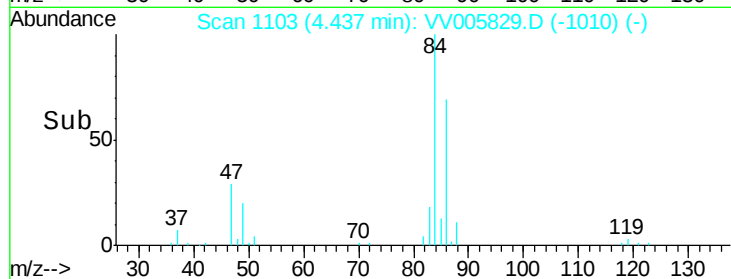
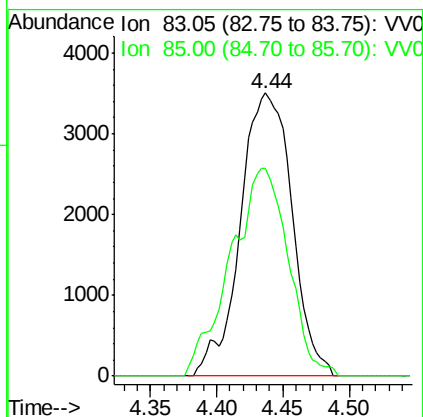
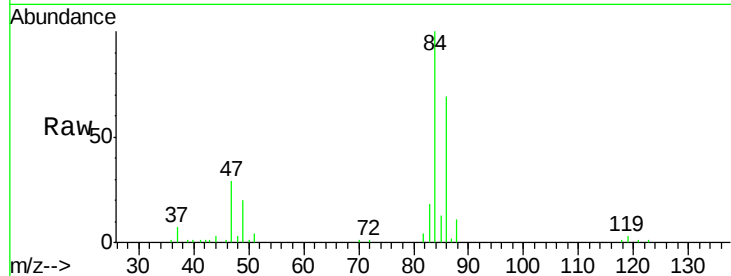




#25
Chloroform
Concen: 0.25 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

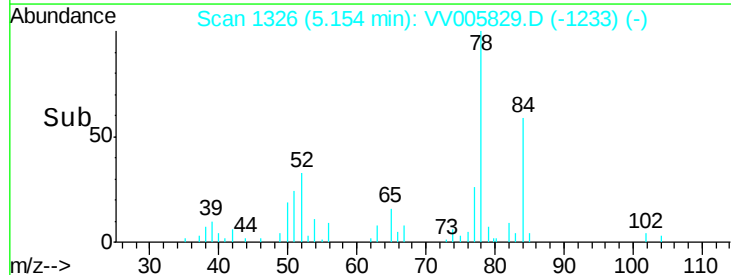
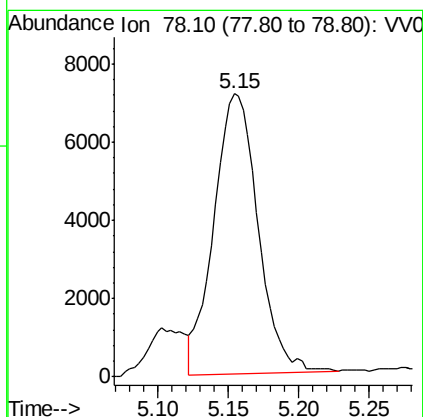
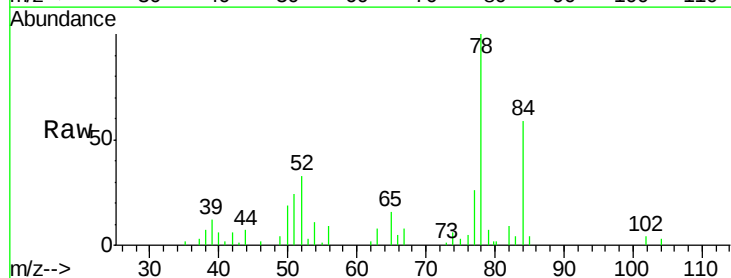
Instrument :
MSVOA_V
ClientSampleId :
F1C23

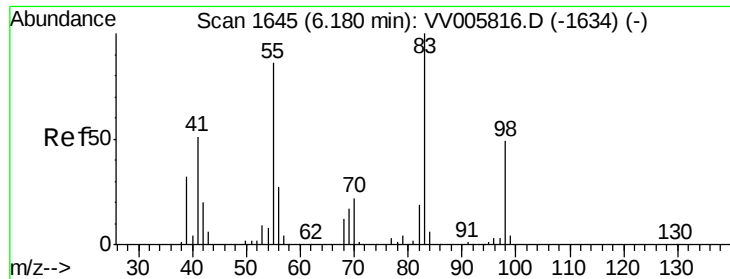
Tgt Ion: 83 Resp: 9489
Ion Ratio Lower Upper
83 100
85 73.4 47.1 87.5



#33
Benzene
Concen: 0.22 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

Tgt Ion: 78 Resp: 15591

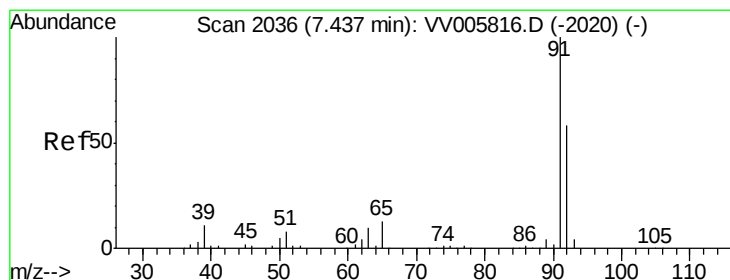
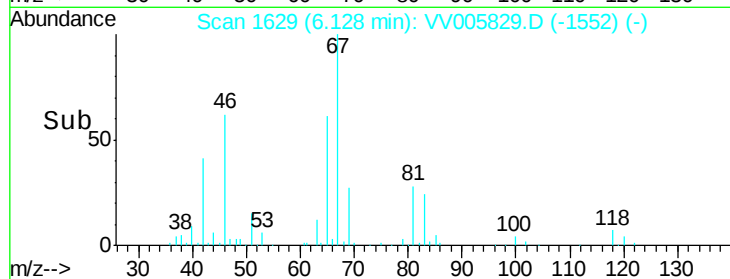
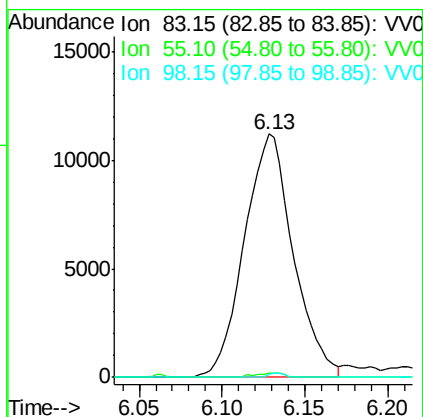
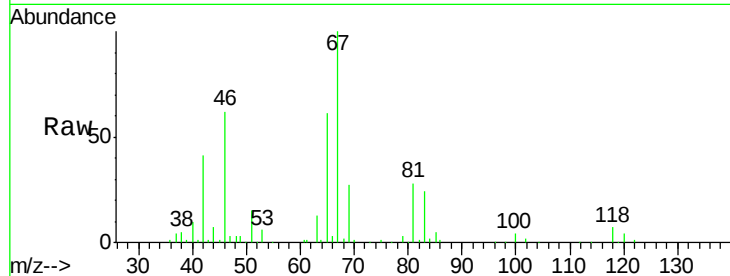




#35
Methylcyclohexane
Concen: 0.82 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.05 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

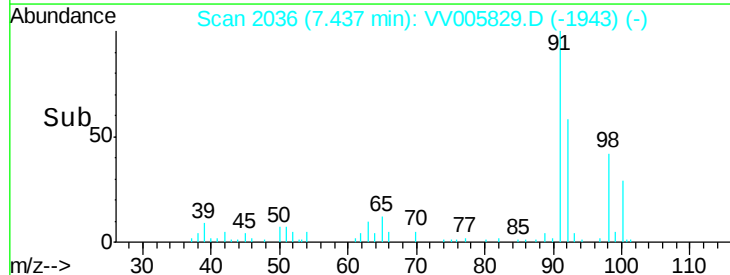
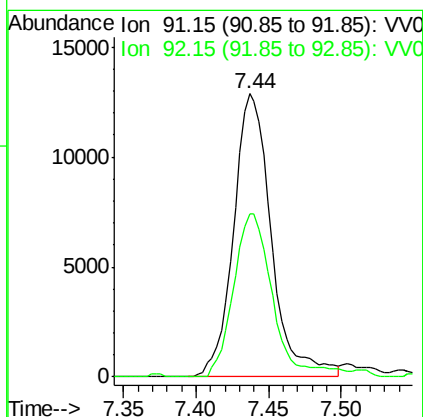
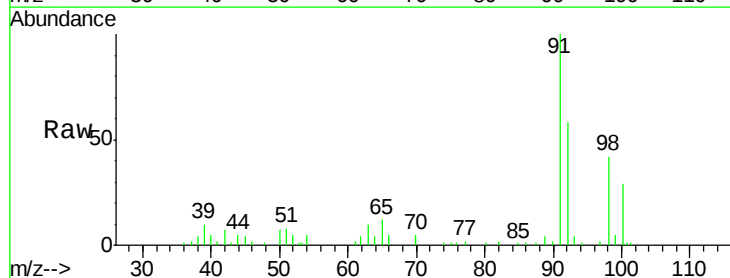
Instrument :
MSVOA_V
ClientSampleId :
F1C23

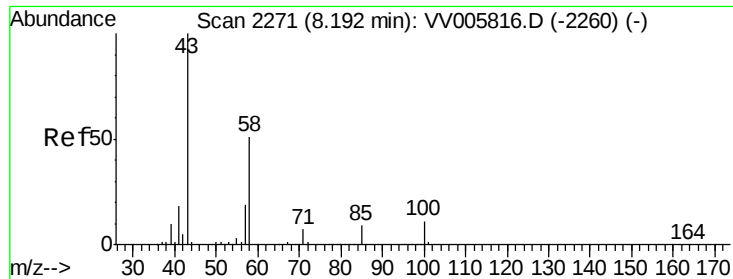
Tgt Ion: 83 Resp: 23064
Ion Ratio Lower Upper
83 100
55 1.0 64.1 96.1#
98 0.6 37.0 55.4#



#42
Toluene
Concen: 0.30 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

Tgt Ion: 91 Resp: 23365
Ion Ratio Lower Upper
91 100
92 57.6 40.0 74.4

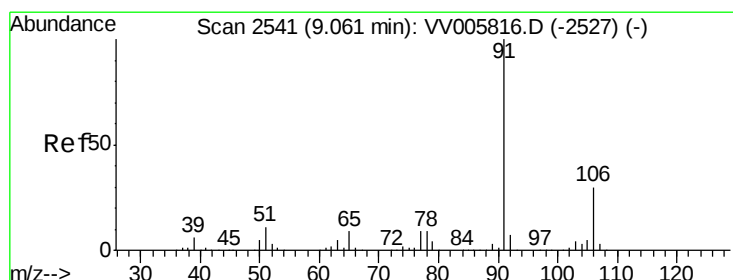
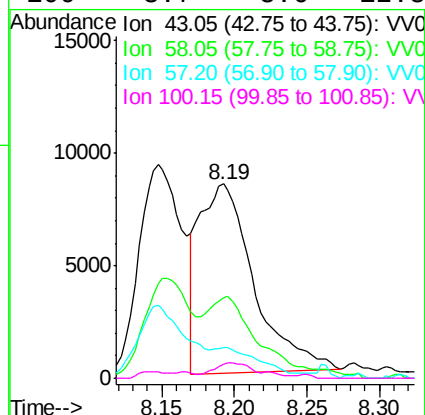
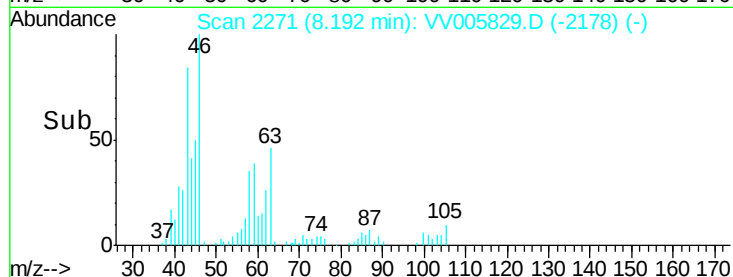
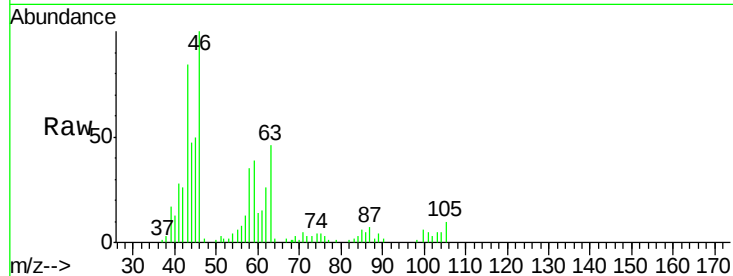




#48
2-Hexanone
Concen: 2.79 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

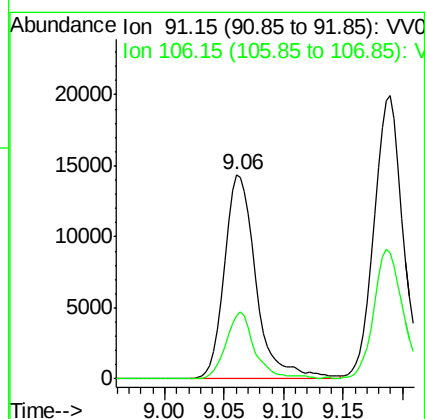
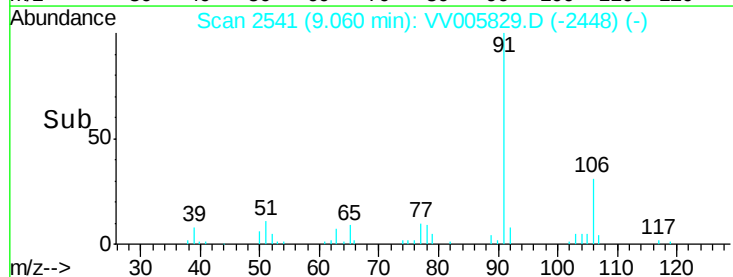
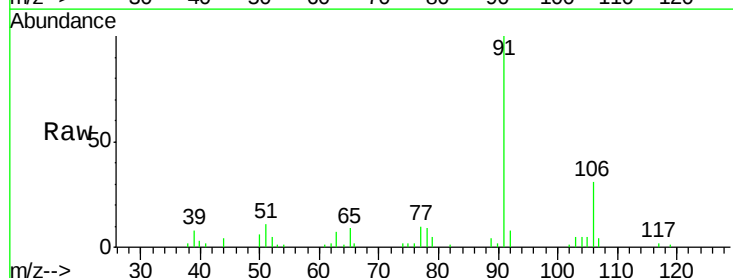
Instrument :
MSVOA_V
ClientSampleId :
F1C23

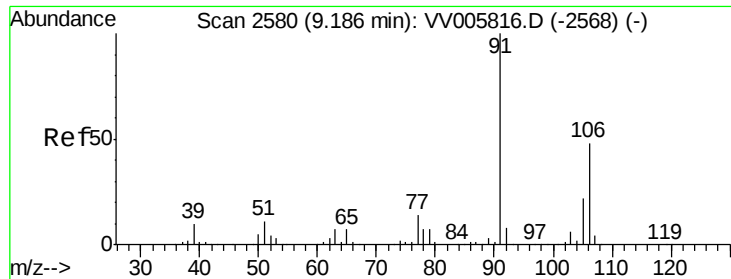
Tgt Ion: 43 Resp: 22153
Ion Ratio Lower Upper
43 100
58 34.0 40.2 60.2#
57 0.0 14.6 22.0#
100 3.7 8.6 12.8#



#52
Ethylbenzene
Concen: 0.32 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

Tgt Ion: 91 Resp: 26621
Ion Ratio Lower Upper
91 100
106 30.9 20.4 38.0





#53

m,p-xylene

Concen: 0.53 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV005829.D

Acq: 07 May 2018 20:44

Instrument :

MSVOA_V

ClientSampled :

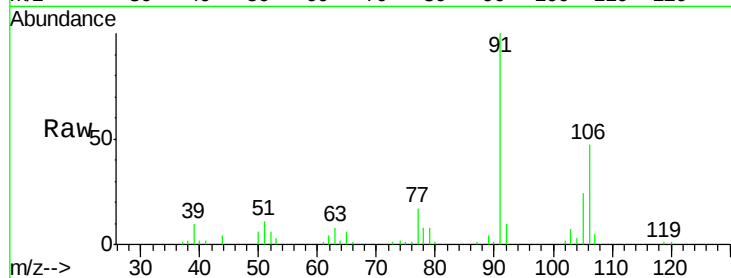
F1C23

Tgt Ion:106 Resp: 16046

Ion Ratio Lower Upper

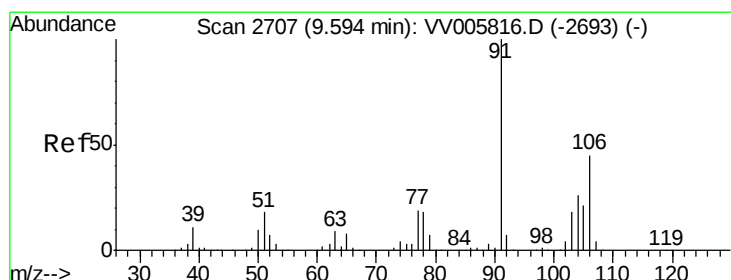
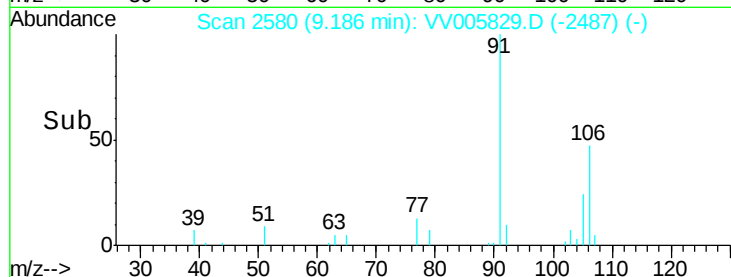
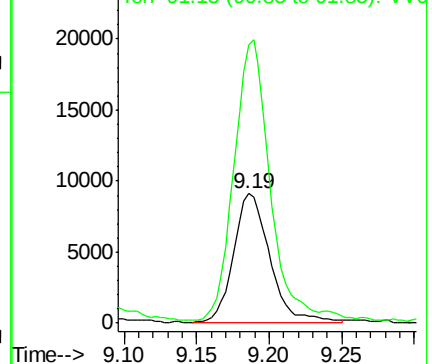
106 100

91 214.7 146.1 271.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.27 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. -0.00 min

Lab File: VV005829.D

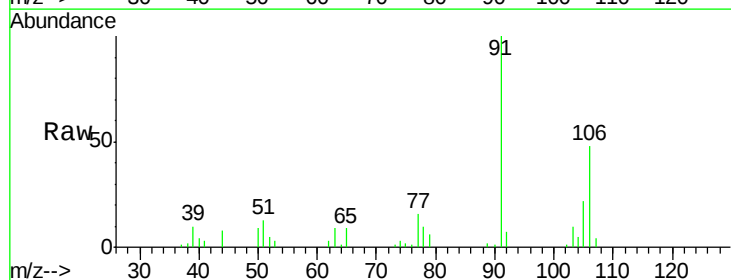
Acq: 07 May 2018 20:44

Tgt Ion:106 Resp: 8019

Ion Ratio Lower Upper

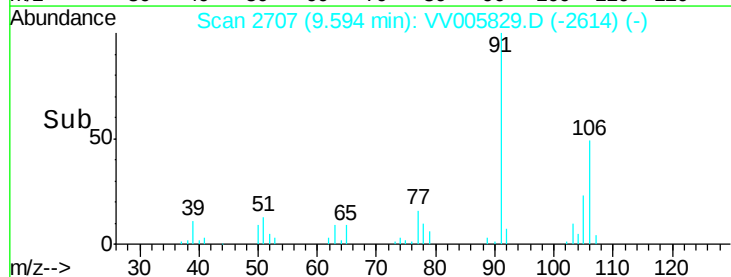
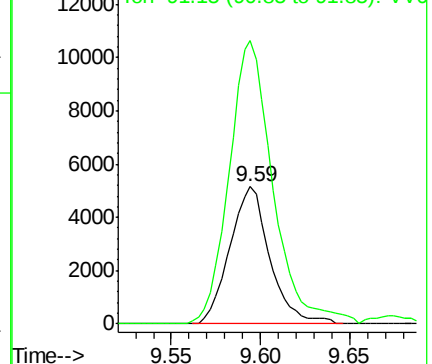
106 100

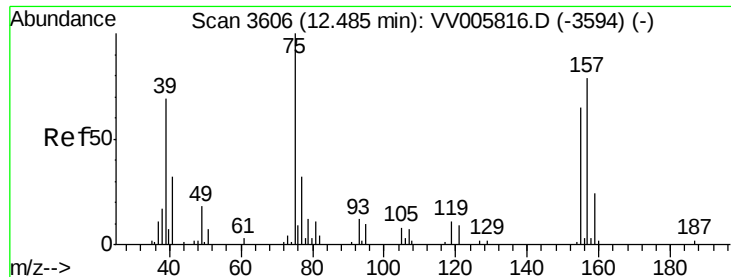
91 206.3 157.8 293.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.48 ug/L

RT: 12.52 min Scan# 3617

Delta R.T. 0.04 min

Lab File: VV005829.D

Acq: 07 May 2018 20:44

Instrument :

MSVOA_V

ClientSampleId :

F1C23

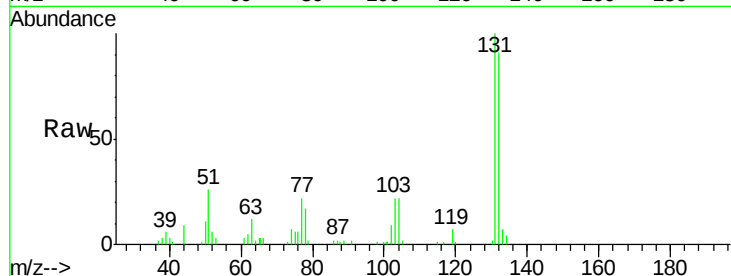
Tgt Ion: 75 Resp: 1080

Ion Ratio Lower Upper

75 100

155 0.0 56.1 84.1#

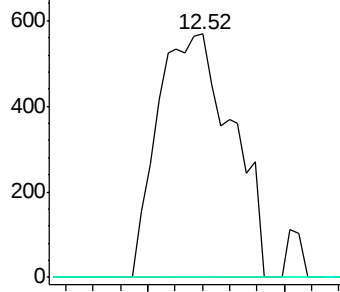
157 0.0 81.0 121.4#



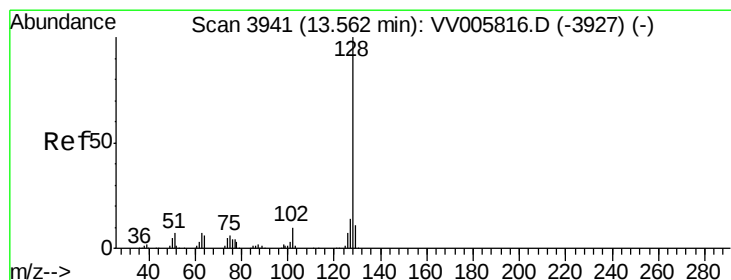
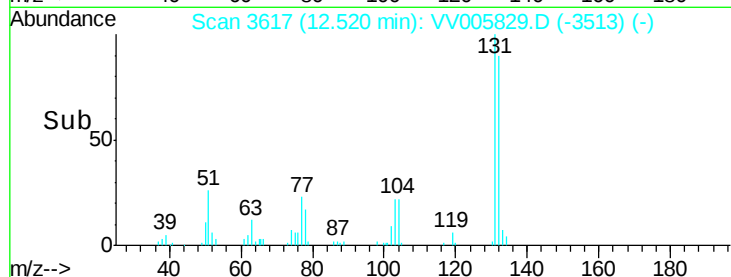
Abundance Ion 75.05 (74.75 to 75.75): VV005829.D (-3513) (-)

Ion 154.95 (154.65 to 155.65): VV005829.D (-3513) (-)

Ion 156.90 (156.60 to 157.60): VV005829.D (-3513) (-)



Time-->



#69

Naphthalene

Concen: 70.63 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV005829.D

Acq: 07 May 2018 20:44

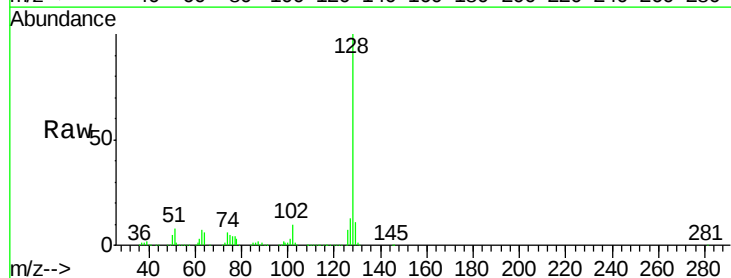
Tgt Ion: 128 Resp: 2099991

Ion Ratio Lower Upper

128 100

129 10.8 9.1 13.7

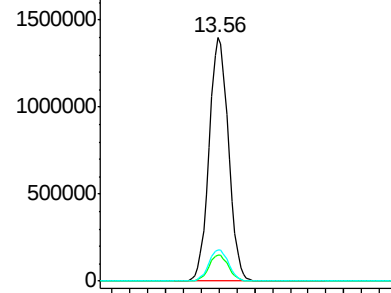
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): VV005829.D (-3848) (-)

Ion 129.00 (128.70 to 129.70): VV005829.D (-3848) (-)

Ion 127.00 (126.70 to 127.70): VV005829.D (-3848) (-)



Time-->

