

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
 Data File : VV005830.D
 Acq On : 07 May 2018 21:11
 Operator : SY/MD
 Sample : J2636-15
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1C24

Quant Time: May 08 01:25:38 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	244079	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	247471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88162	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	78746	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	144133	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.96	46	116323	31.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.84%
24) Chloroform-d	4.41	84	155710	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	99272	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.11	84	319988	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.13	67	95711	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.37	98	283183	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	35450	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	118043	37.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66182	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	116745	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

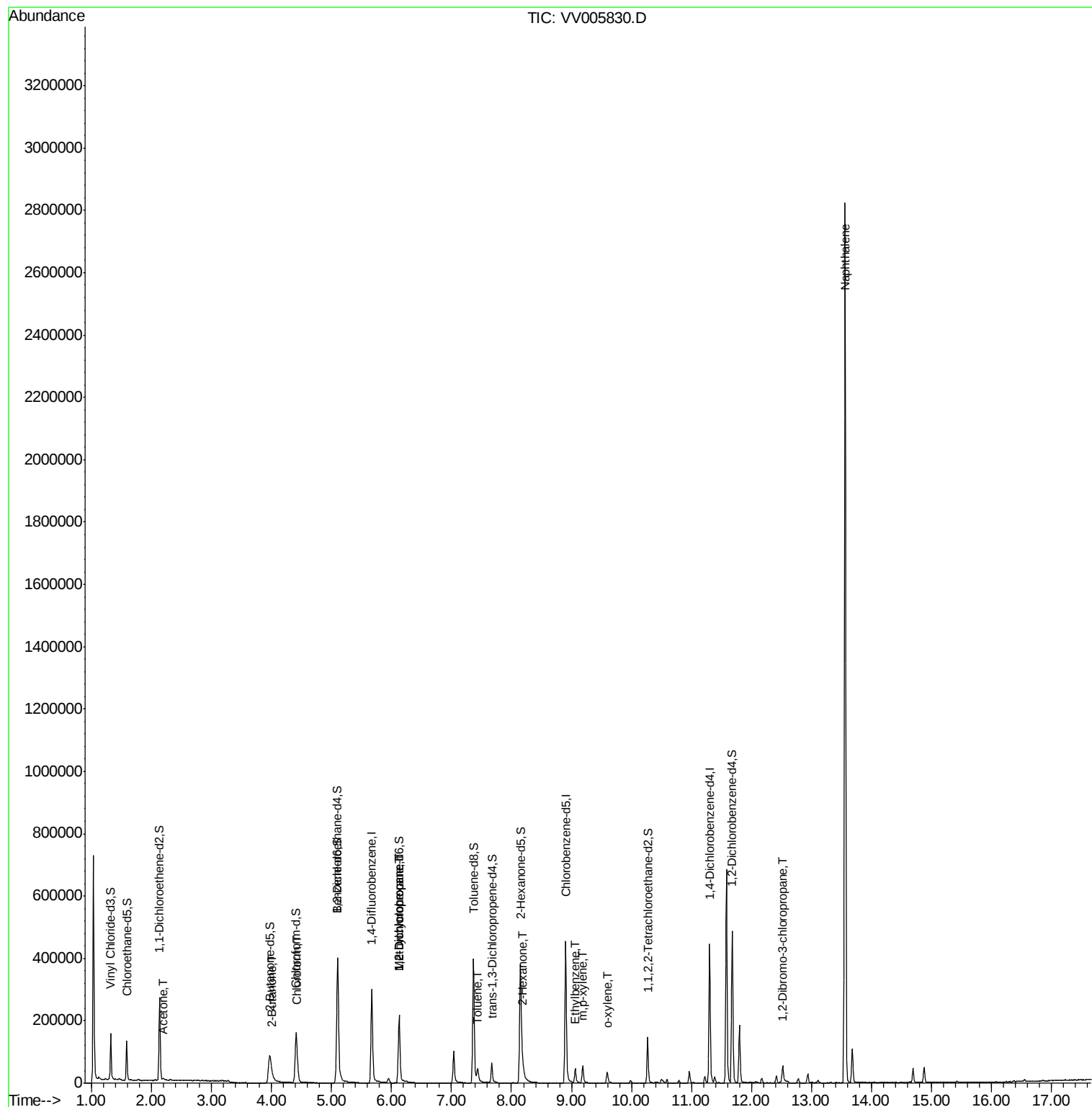
						Qvalue
13) Acetone	2.20	43	2542	0.82	ug/L	98
21) 2-Butanone	4.02	43	2692	0.64	ug/L #	55
25) Chloroform	4.44	83	22433	0.57	ug/L	95
35) Methylcyclohexane	6.13	83	22704	0.79	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	12643	0.71	ug/L #	88
42) Toluene	7.44	91	21769	0.28	ug/L	96
48) 2-Hexanone	8.19	43	20254	2.48	ug/L #	84
52) Ethylbenzene	9.06	91	30226	0.35	ug/L	93
53) m,p-xylene	9.19	106	15708	0.50	ug/L	93
54) o-xylene	9.59	106	8465	0.28	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.52	75	1501	0.66	ug/L #	6
69) Naphthalene	13.56	128	1958540	64.33	ug/L	99

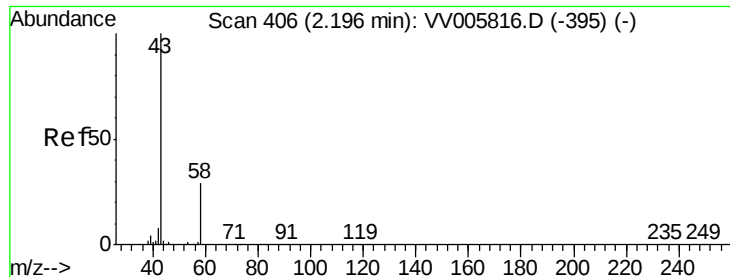
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 08 01:25:38 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





#13

Acetone

Concen: 0.82 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV005830.D

Acq: 07 May 2018 21:11

Instrument :

MSVOA_V

ClientSampleId :

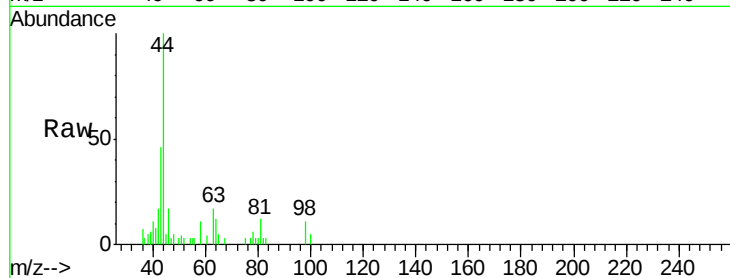
F1C24

Tgt Ion: 43 Resp: 2542

Ion Ratio Lower Upper

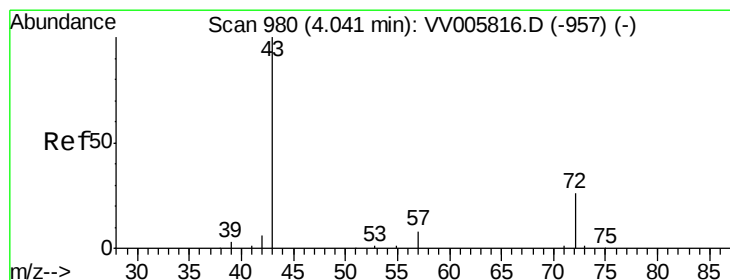
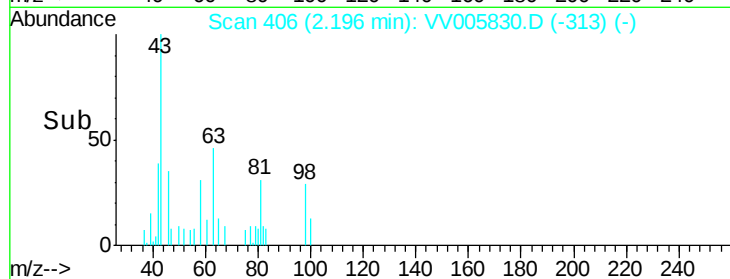
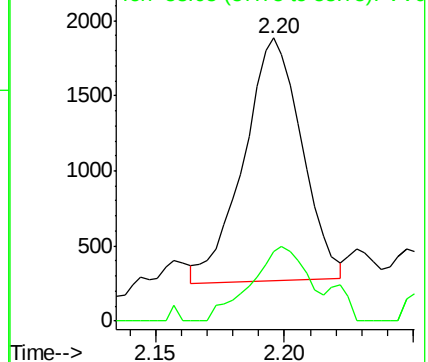
43 100

58 30.1 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV005830.D (-313) (-)

Ion 58.05 (57.75 to 58.75): VV005830.D (-313) (-)



#21

2-Butanone

Concen: 0.64 ug/L

RT: 4.02 min Scan# 973

Delta R.T. -0.02 min

Lab File: VV005830.D

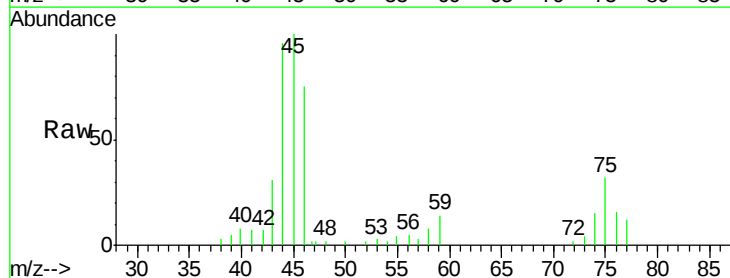
Acq: 07 May 2018 21:11

Tgt Ion: 43 Resp: 2692

Ion Ratio Lower Upper

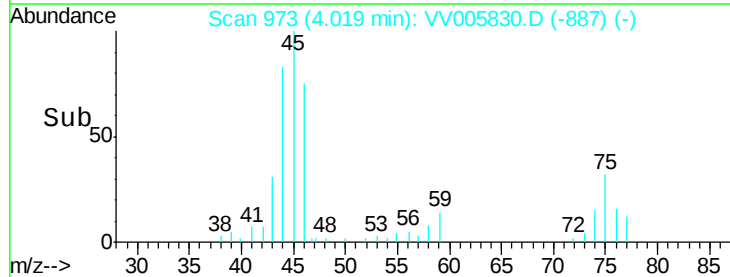
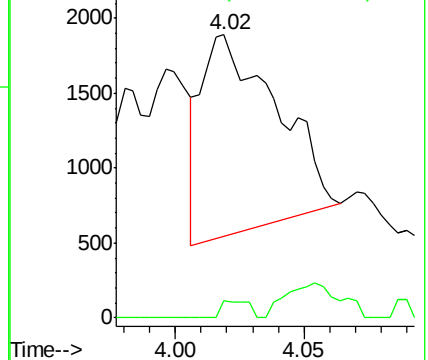
43 100

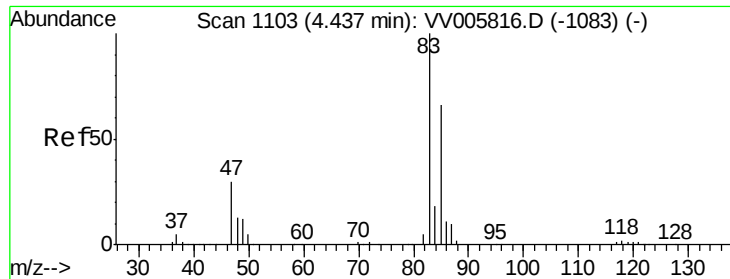
72 3.1 13.2 39.5#



Abundance Ion 43.05 (42.75 to 43.75): VV005830.D (-887) (-)

Ion 72.10 (71.80 to 72.80): VV005830.D (-887) (-)





#25

Chloroform

Concen: 0.57 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV005830.D

Acq: 07 May 2018 21:11

Instrument :

MSVOA_V

ClientSampled :

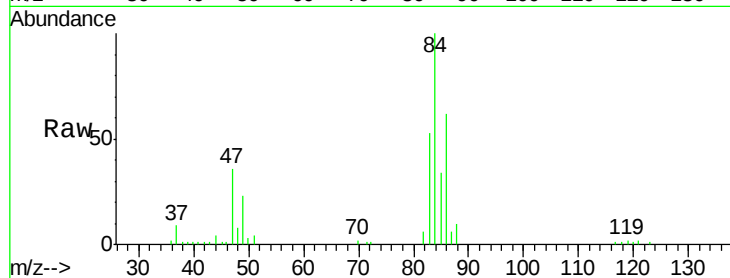
F1C24

Tgt Ion: 83 Resp: 22433

Ion Ratio Lower Upper

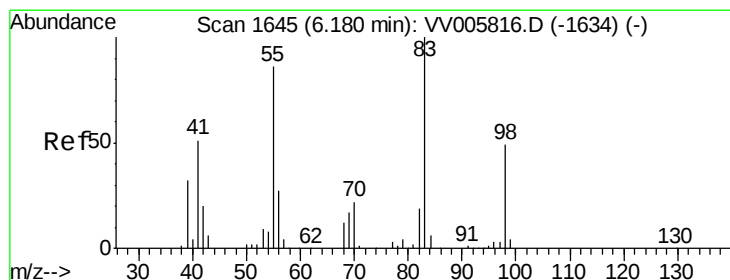
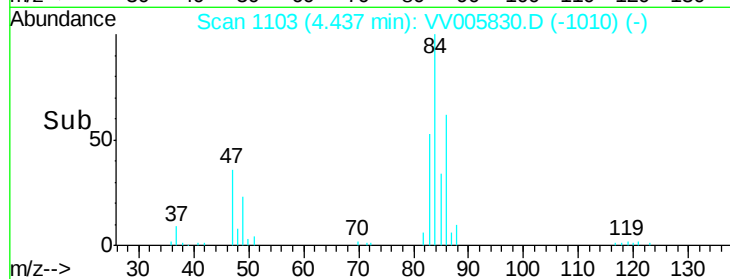
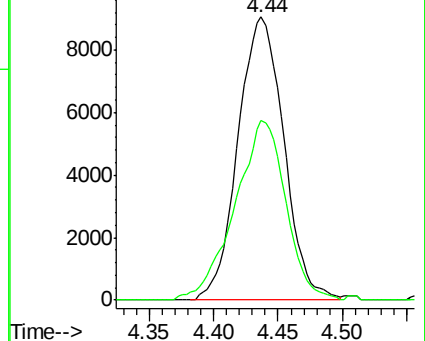
83 100

85 63.4 47.1 87.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.79 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV005830.D

Acq: 07 May 2018 21:11

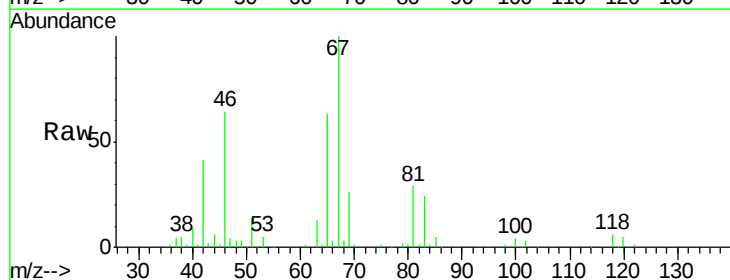
Tgt Ion: 83 Resp: 22704

Ion Ratio Lower Upper

83 100

55 0.6 64.1 96.1#

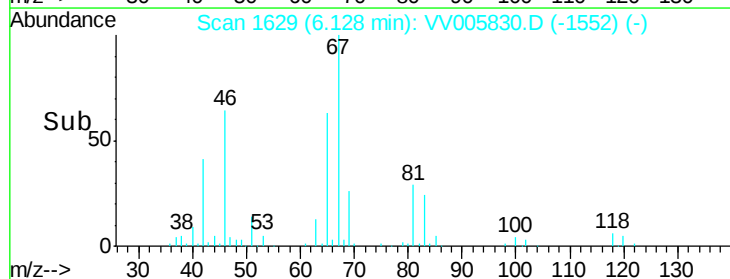
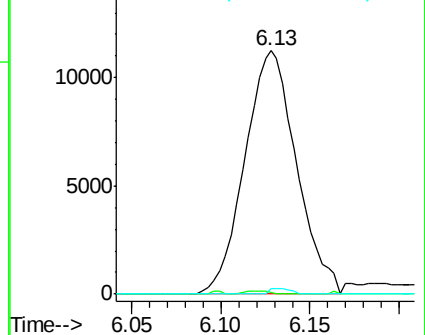
98 1.0 37.0 55.4#

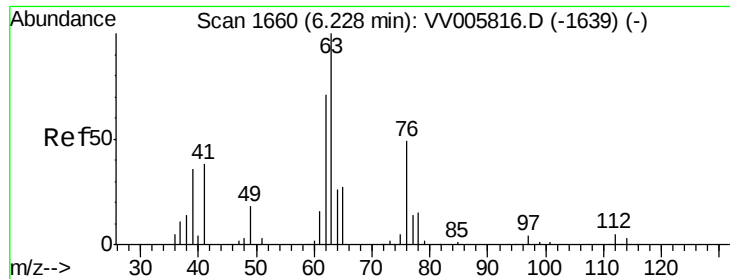


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

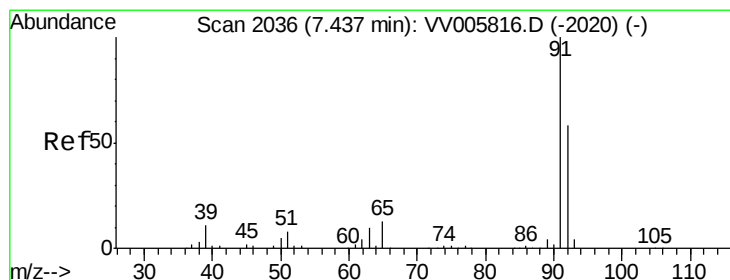
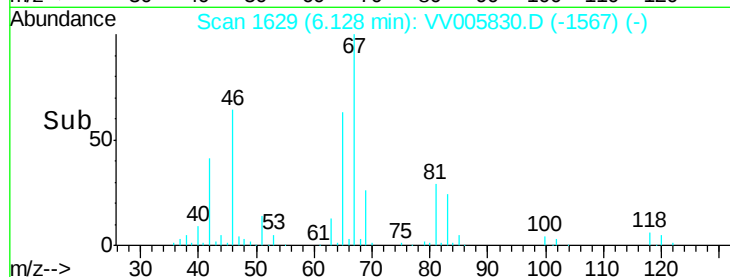
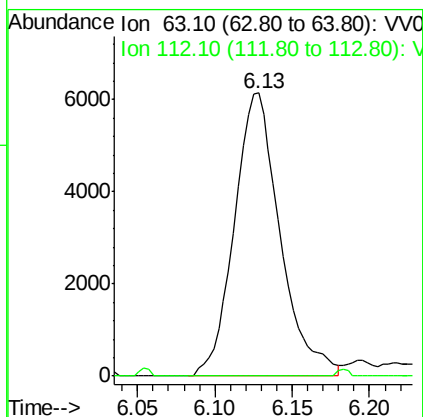
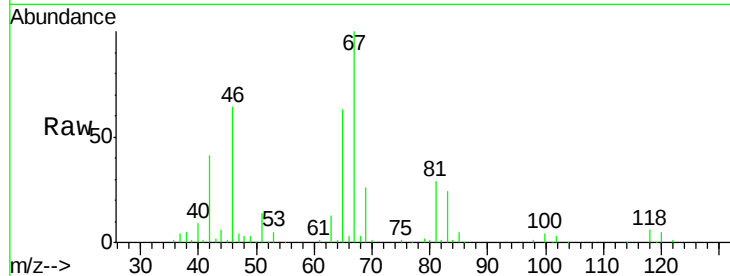




#37
 1,2-Dichloropropane
 Concen: 0.71 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV005830.D
 Acq: 07 May 2018 21:11

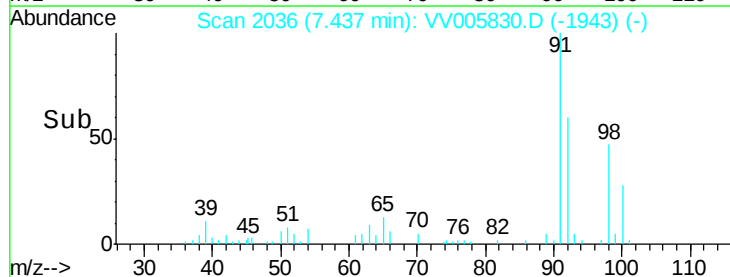
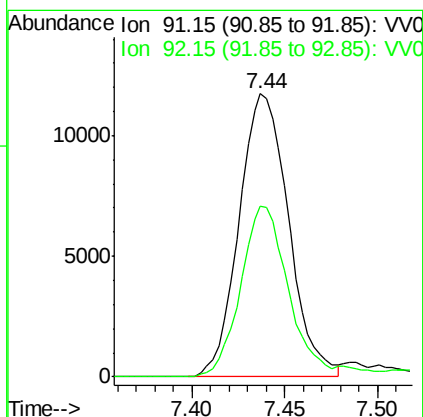
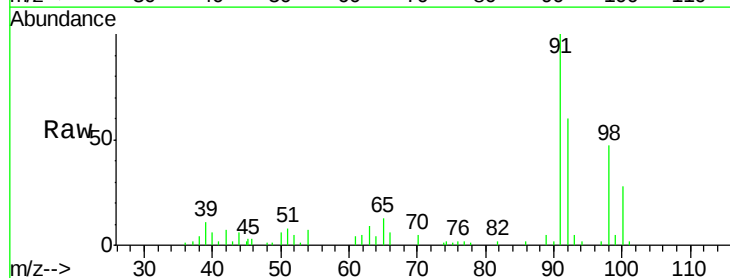
Instrument :
 MSVOA_V
 ClientSampled :
 F1C24

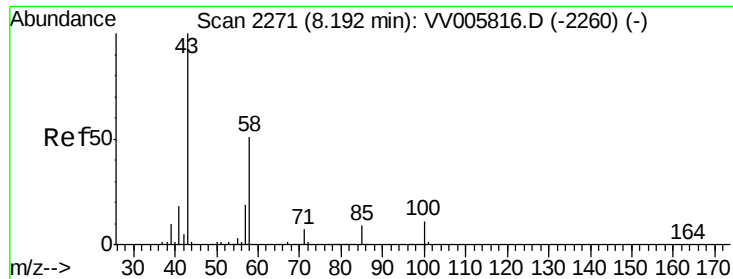
Tgt Ion: 63 Resp: 12643
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.5 5.3#



#42
 Toluene
 Concen: 0.28 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VV005830.D
 Acq: 07 May 2018 21:11

Tgt Ion: 91 Resp: 21769
 Ion Ratio Lower Upper
 91 100
 92 60.3 40.0 74.4

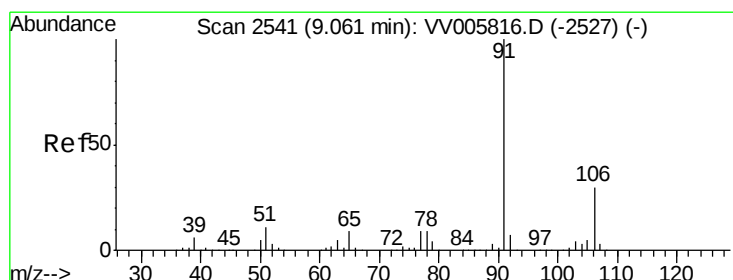
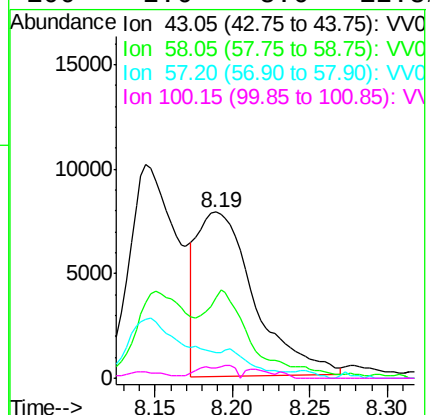
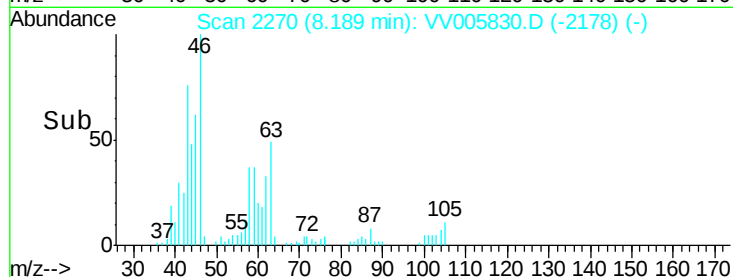
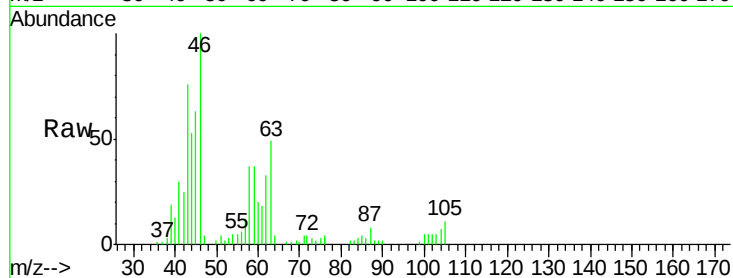




#48
2-Hexanone
Concen: 2.48 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VV005830.D
Acq: 07 May 2018 21:11

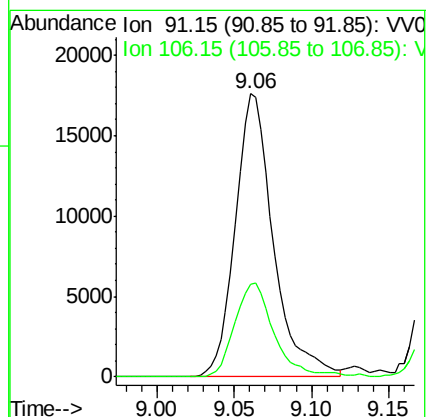
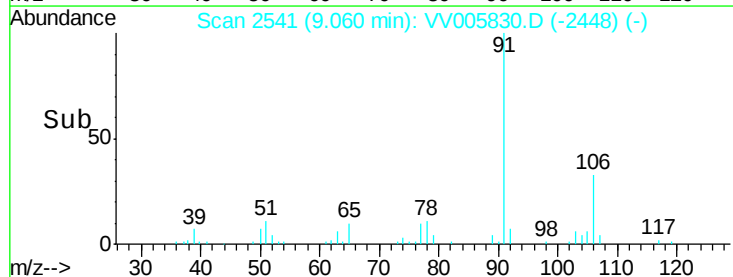
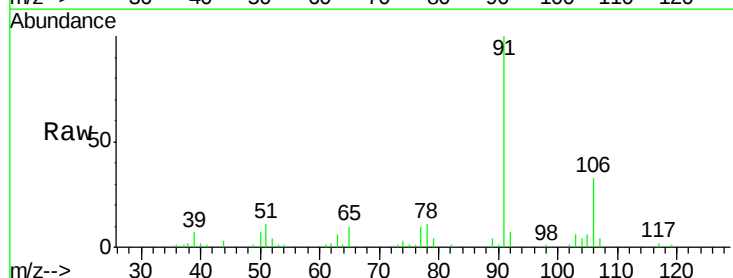
Instrument :
MSVOA_V
ClientSampled :
F1C24

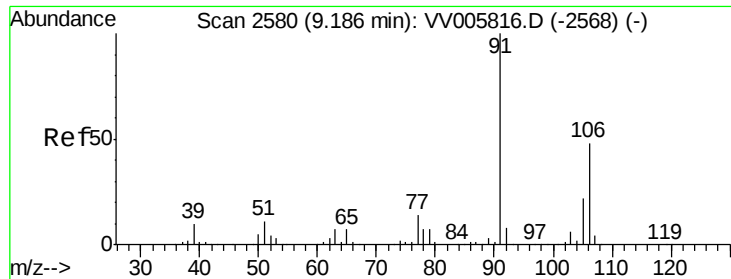
Tgt Ion: 43 Resp: 20254
Ion Ratio Lower Upper
43 100
58 41.2 40.2 60.2
57 9.2 14.6 22.0#
100 2.6 8.6 12.8#



#52
Ethylbenzene
Concen: 0.35 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. -0.00 min
Lab File: VV005830.D
Acq: 07 May 2018 21:11

Tgt Ion: 91 Resp: 30226
Ion Ratio Lower Upper
91 100
106 32.8 20.4 38.0

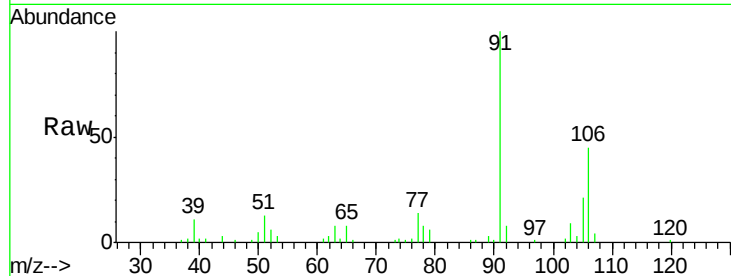




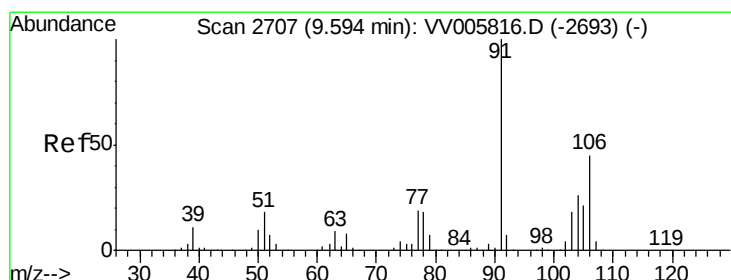
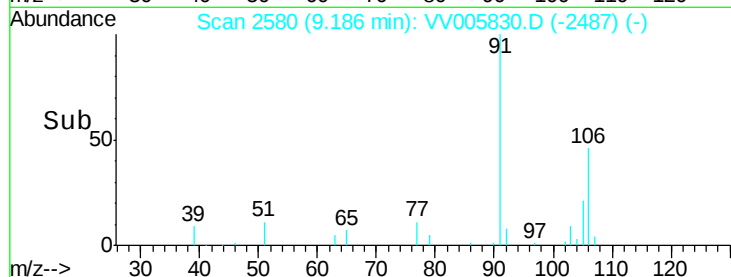
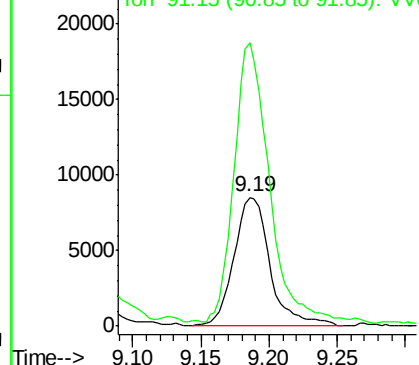
#53
m,p-xylene
Concen: 0.50 ug/L
RT: 9.19 min Scan# 2580
Delta R.T. -0.00 min
Lab File: VV005830.D
Acq: 07 May 2018 21:11

Instrument :
MSVOA_V
ClientSampleId :
F1C24

Tgt Ion:106 Resp: 15708
Ion Ratio Lower Upper
106 100
91 220.1 146.1 271.3

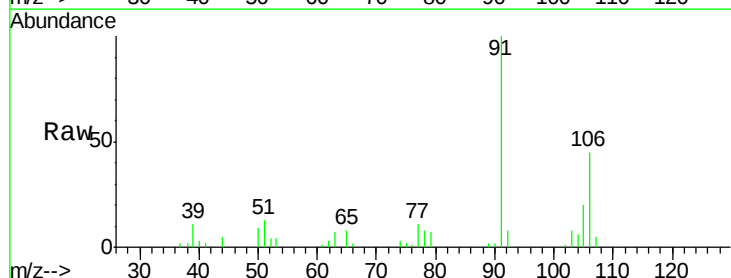


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

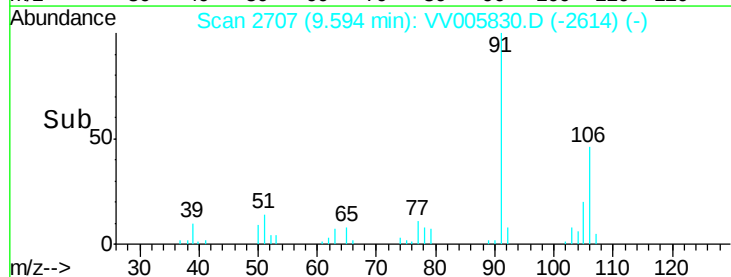
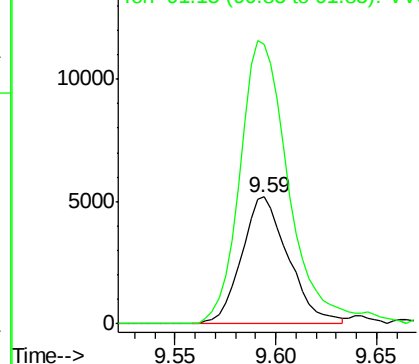


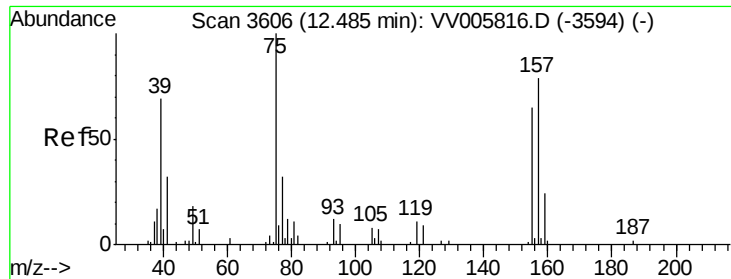
#54
o-xylene
Concen: 0.28 ug/L
RT: 9.59 min Scan# 2707
Delta R.T. -0.00 min
Lab File: VV005830.D
Acq: 07 May 2018 21:11

Tgt Ion:106 Resp: 8465
Ion Ratio Lower Upper
106 100
91 220.0 157.8 293.0



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

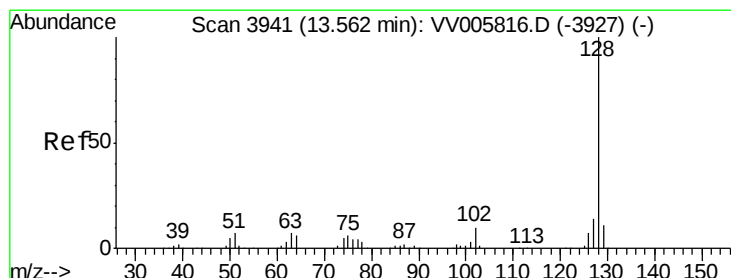
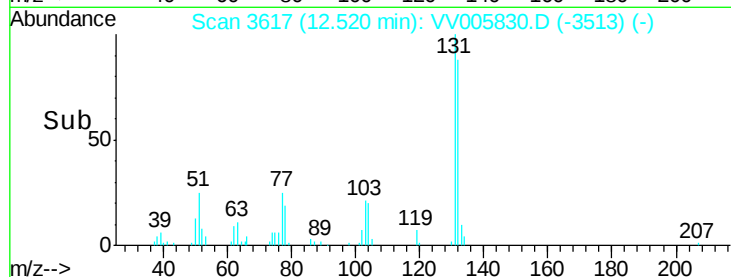
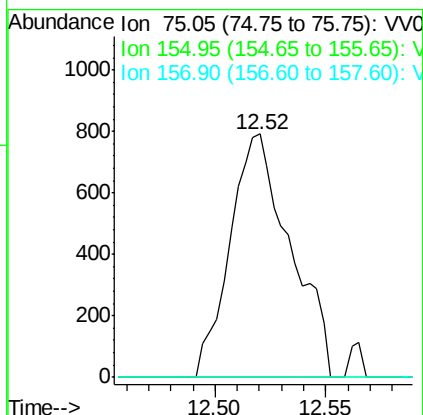
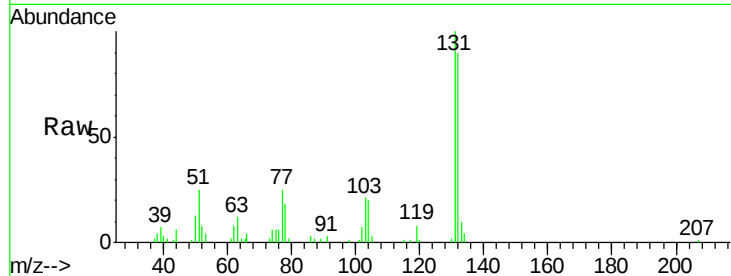




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.66 ug/L
 RT: 12.52 min Scan# 3617
 Delta R.T. 0.04 min
 Lab File: VV005830.D
 Acq: 07 May 2018 21:11

Instrument :
 MSVOA_V
 ClientSampled :
 F1C24

Tgt Ion: 75 Resp: 1501
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.1 84.1#
 157 0.0 81.0 121.4#



#69
 Naphthalene
 Concen: 64.33 ug/L
 RT: 13.56 min Scan# 3940
 Delta R.T. -0.00 min
 Lab File: VV005830.D
 Acq: 07 May 2018 21:11

Tgt Ion: 128 Resp: 1958540
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.1 13.7
 127 13.1 10.8 16.2

