

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100218\
 Data File : VV008030.D
 Acq On : 02 Oct 2018 15:12
 Operator : SY/MD
 Sample : J5160-17
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:36:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 05:34:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86323	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83902	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41584	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22552	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.59	69	20525	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.14	63	36728	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.96	46	66034	47.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.88%
24) Chloroform-d	4.41	84	54077	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.09	65	27836	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.10	84	100638	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	31397	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	95008	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.67	79	10815	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.14	63	43477	40.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21453	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	40370	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

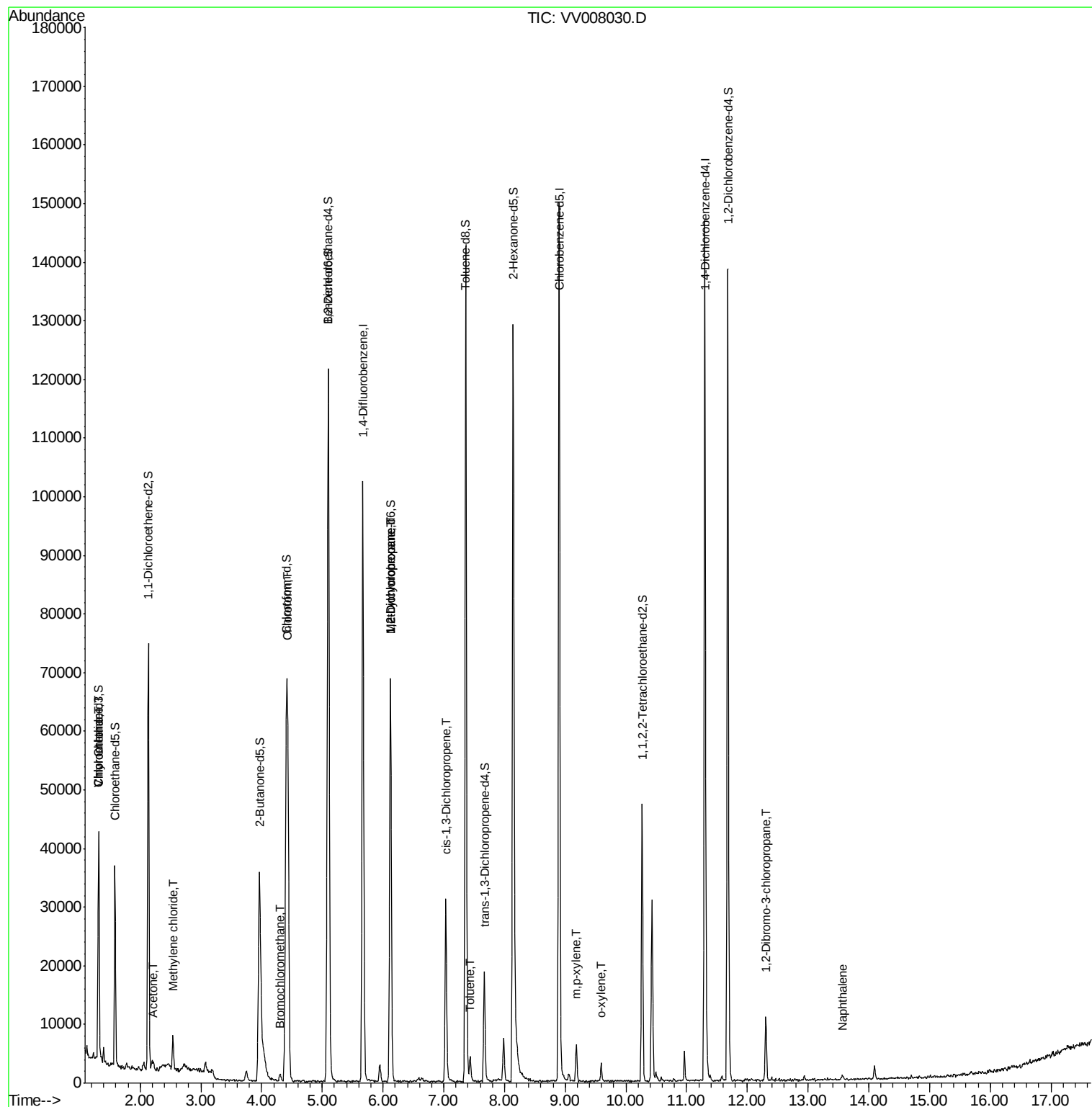
					Ovalue
3) Chloromethane	1.31	50	546	0.085 ug/L #	82
8) Chloroethane	1.32	64	402	0.097 ug/L #	1
13) Acetone	2.21	43	2396	2.363 ug/L	83
16) Methylene chloride	2.54	84	2227	0.351 ug/L	93
23) Bromochloromethane	4.31	128	410	0.148 ug/L #	86
25) Chloroform	4.43	83	45629	3.931 ug/L	98
35) Methylcyclohexane	6.13	83	7507	0.728 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3637	0.593 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	752	0.092 ug/L #	43
42) Toluene	7.43	91	3273	0.125 ug/L	98
53) m,p-xylene	9.18	106	1912	0.172 ug/L	83
54) o-xylene	9.59	106	891	0.083 ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.30	75	305	0.463 ug/L #	1
69) Naphthalene	13.56	128	1149	0.083 ug/L #	72

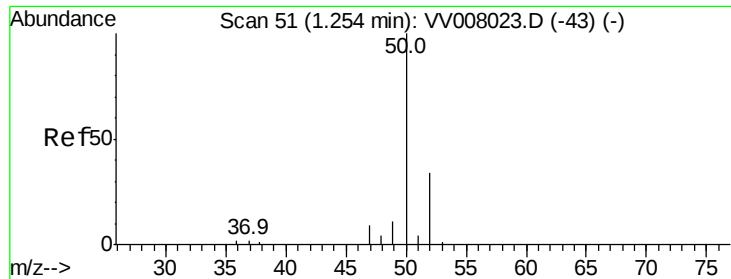
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100218\
Data File : VV008030.D
Acq On : 02 Oct 2018 15:12
Operator : SY/MD
Sample : J5160-17
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 03 05:36:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 03 05:34:53 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.085 ug/L

RT: 1.31 min Scan# 68

Delta R.T. 0.05 min

Lab File: VV008030.D

Acq: 02 Oct 2018 15:12

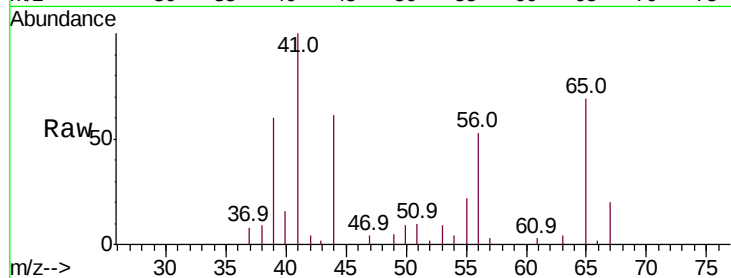
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 546

Ion Ratio Lower Upper

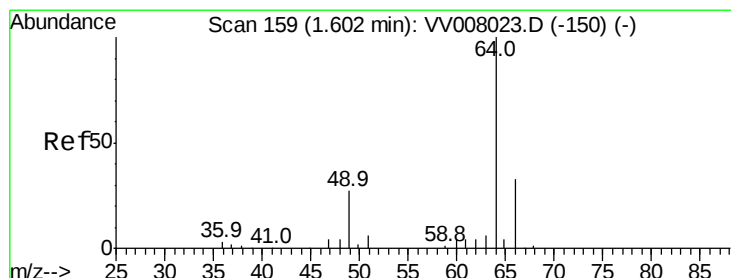
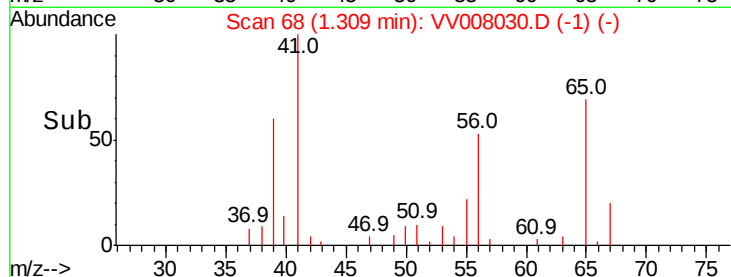
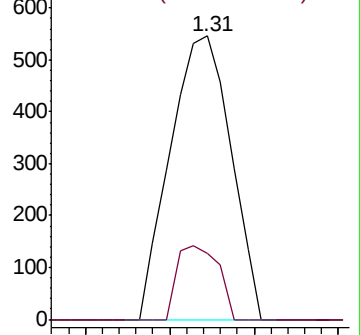
50 100

52 23.3 23.4 43.4#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.097 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008030.D

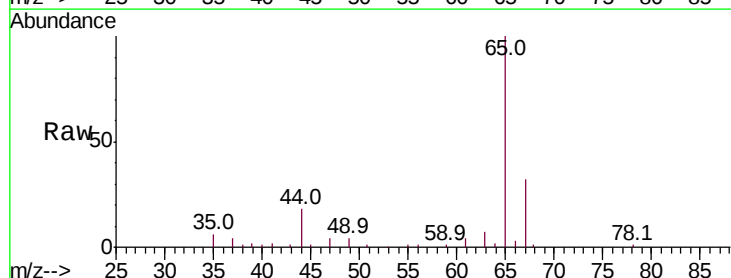
Acq: 02 Oct 2018 15:12

Tgt Ion: 64 Resp: 402

Ion Ratio Lower Upper

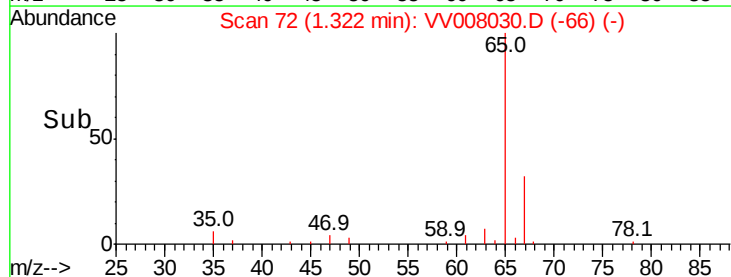
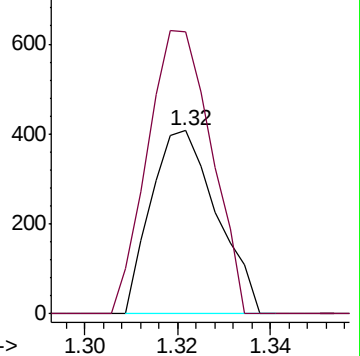
64 100

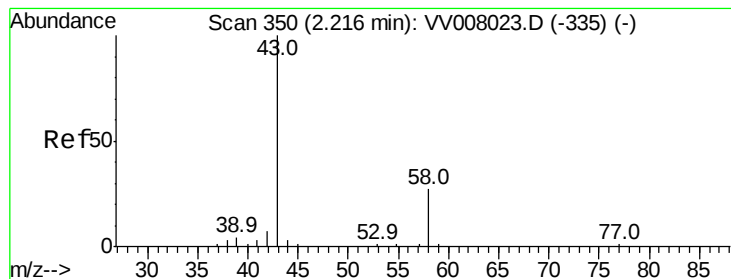
66 153.8 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 2.363 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV008030.D

Acq: 02 Oct 2018 15:12

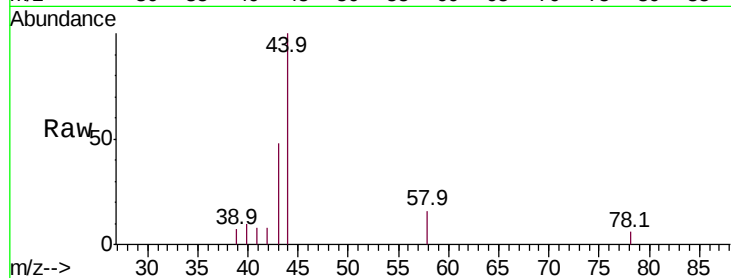
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 2396

Ion Ratio Lower Upper

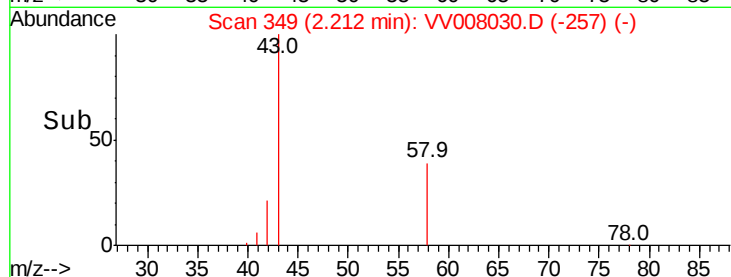
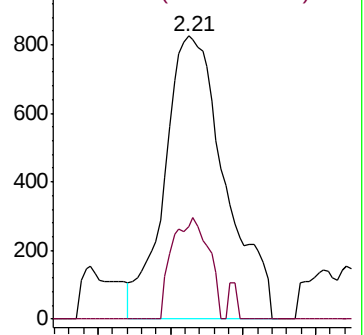
43 100

58 21.6 0.0 62.0

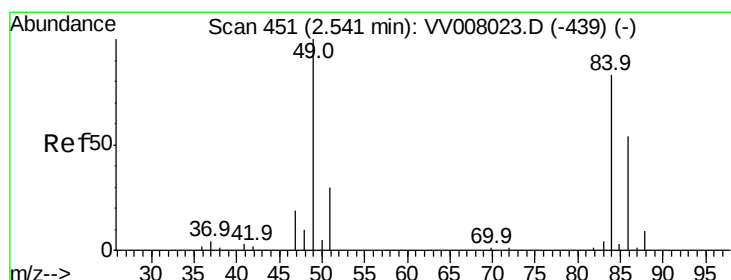


Abundance Ion 43.05 (42.75 to 43.75): VV008030.D (-349) (-)

Ion 58.05 (57.75 to 58.75): VV008030.D (-349) (-)



Time-->



#16

Methylene chloride

Concen: 0.351 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.00 min

Lab File: VV008030.D

Acq: 02 Oct 2018 15:12

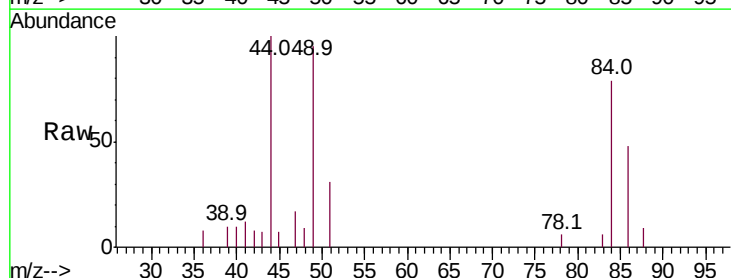
Tgt Ion: 84 Resp: 2227

Ion Ratio Lower Upper

84 100

86 61.3 47.3 87.8

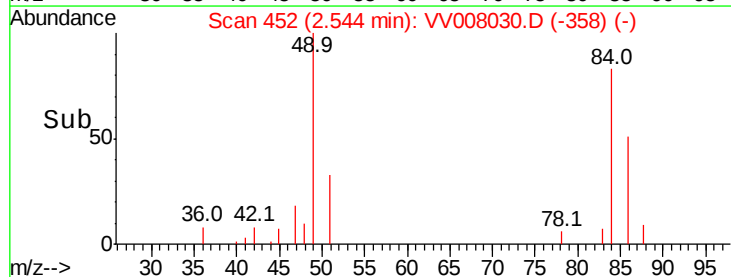
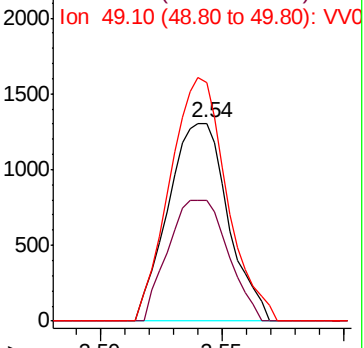
49 120.5 90.0 167.2



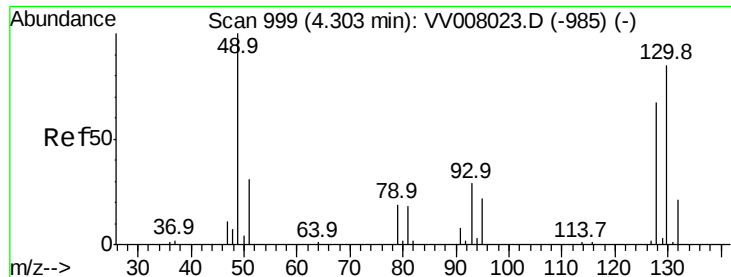
Abundance Ion 84.05 (83.75 to 84.75): VV008030.D (-452) (-)

Ion 86.00 (85.70 to 86.70): VV008030.D (-452) (-)

Ion 49.10 (48.80 to 49.80): VV008030.D (-452) (-)



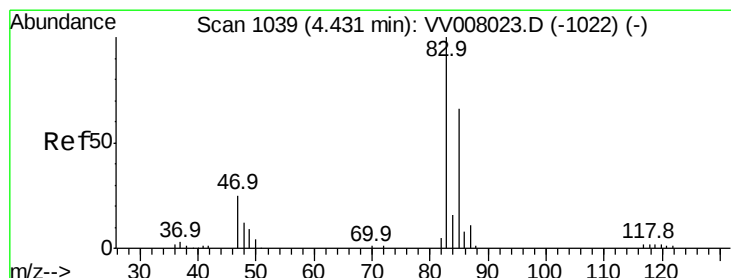
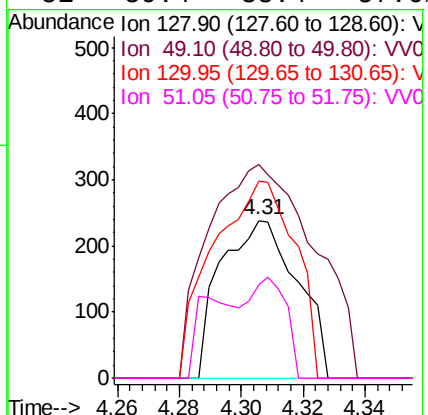
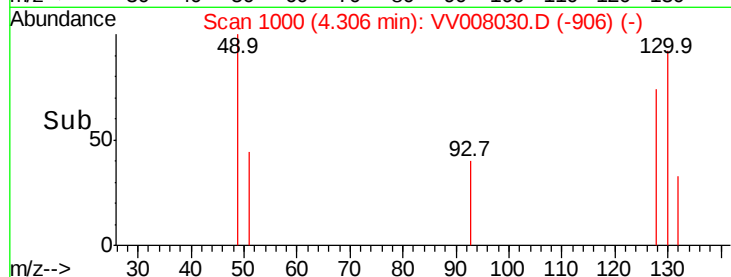
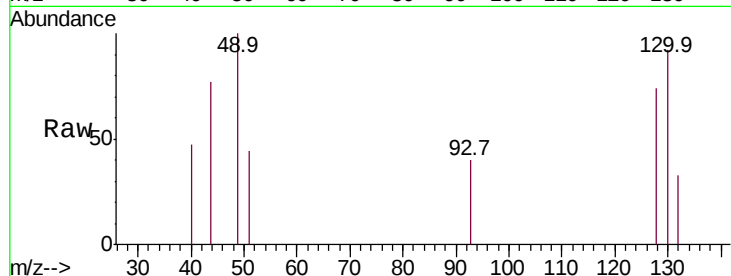
Time-->



#23
Bromochloromethane
Concen: 0.148 ug/L
RT: 4.31 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VV008030.D
Acq: 02 Oct 2018 15:12

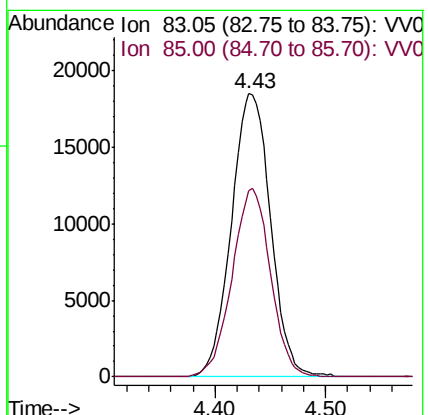
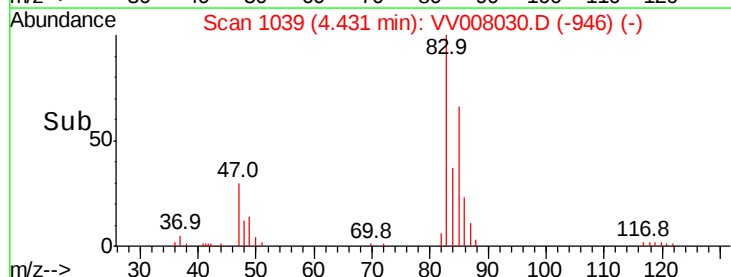
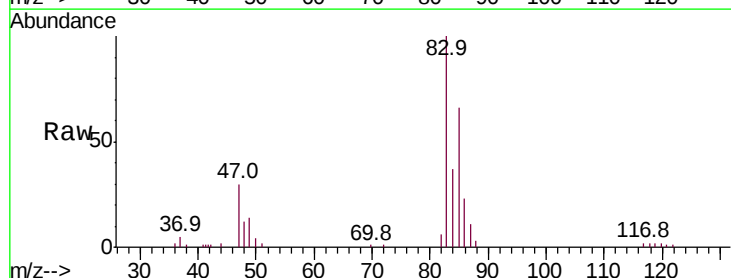
Instrument :
MSVOA_V
ClientSampleId :

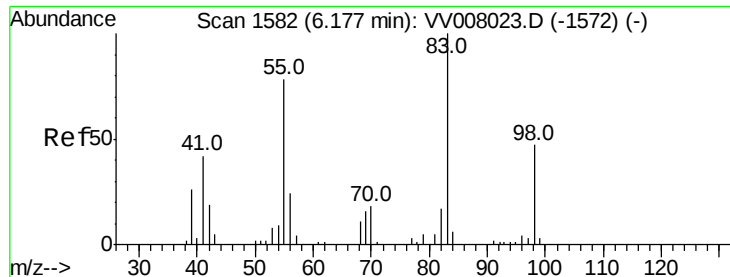
Tot Ion:128 Resp: 410
Ion Ratio Lower Upper
128 100
49 135.1 112.8 209.4
130 124.7 92.3 171.5
51 59.4 38.4 57.6#



#25
Chloroform
Concen: 3.931 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008030.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 83 Resp: 45629
Ion Ratio Lower Upper
83 100
85 65.8 44.8 83.2

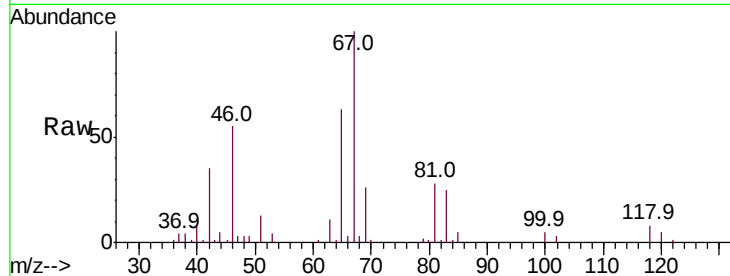




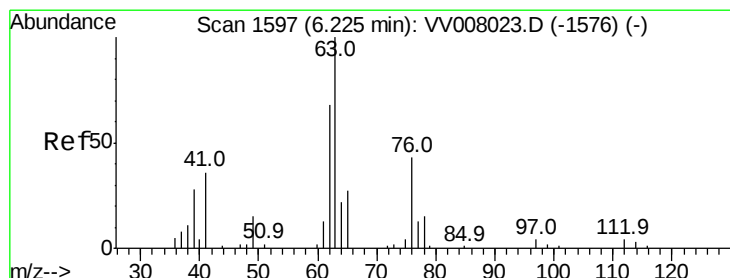
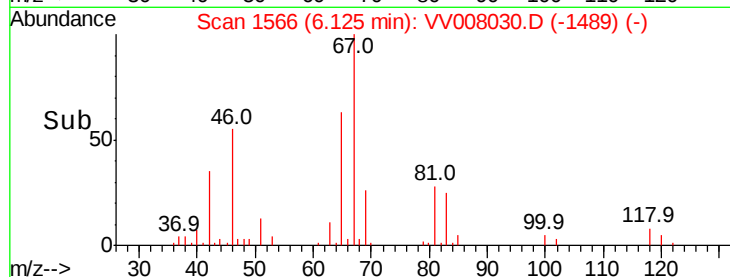
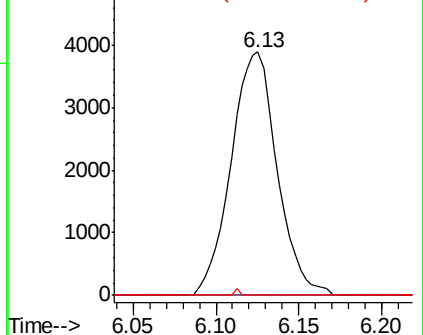
#35
Methvlcvclohexane
Concen: 0.728 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008030.D
Acq: 02 Oct 2018 15:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7507
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.3 38.0 57.0#

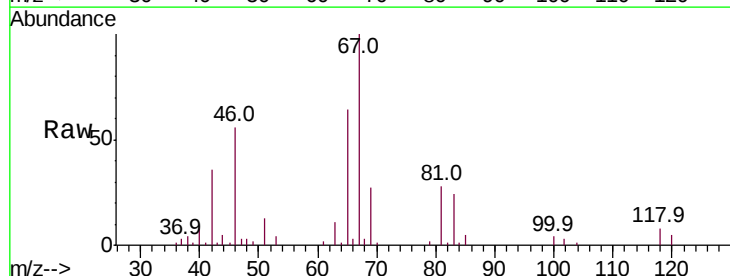


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

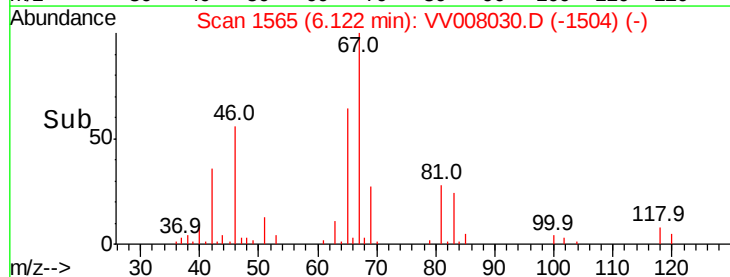
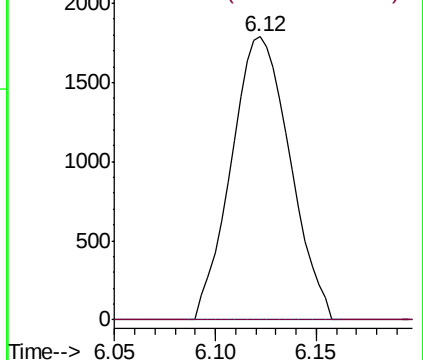


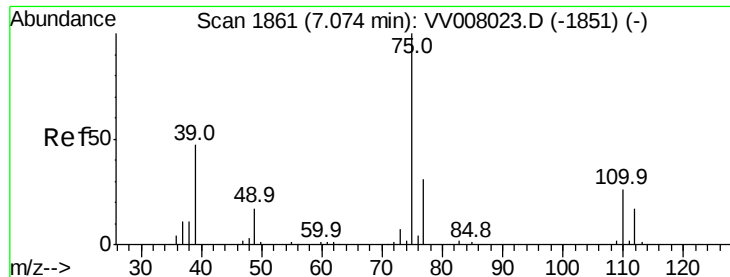
#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008030.D
Acq: 02 Oct 2018 15:12

Tgt Ion: 63 Resp: 3637
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

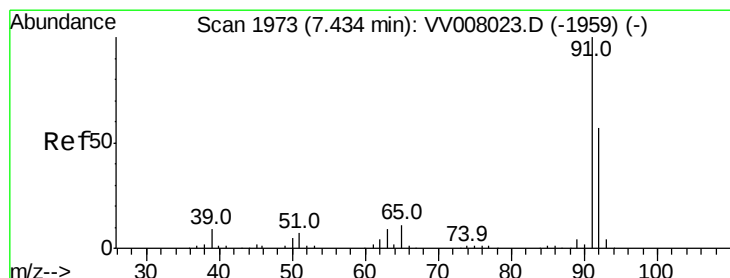
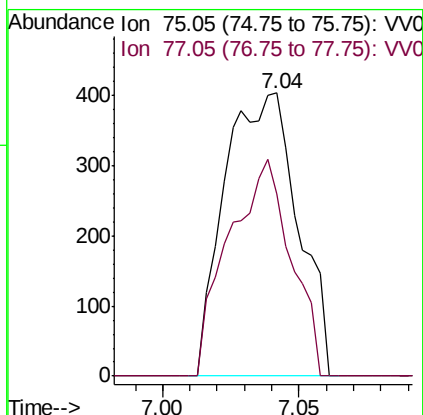
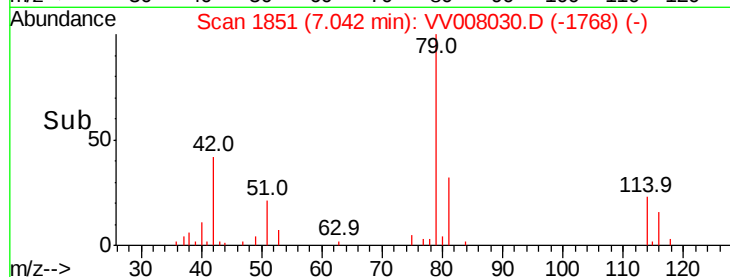
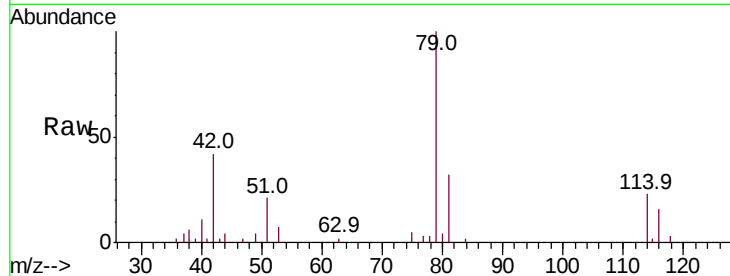




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.04 min Scan# 1851
 Delta R.T. -0.03 min
 Lab File: VV008030.D
 Acq: 02 Oct 2018 15:12

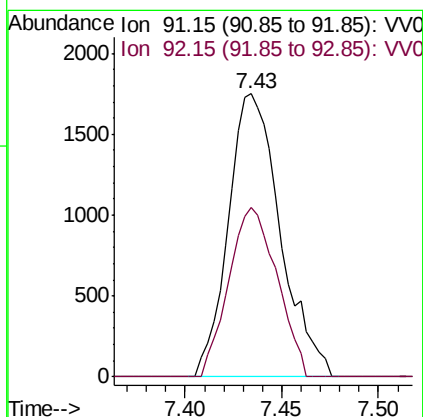
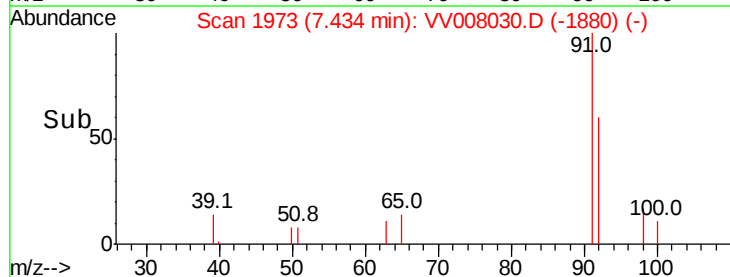
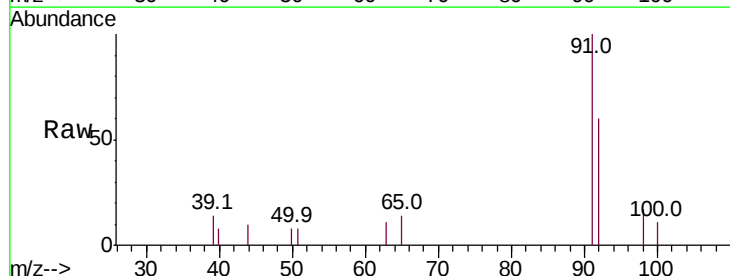
Instrument :
 MSVOA_V
 ClientSampled :

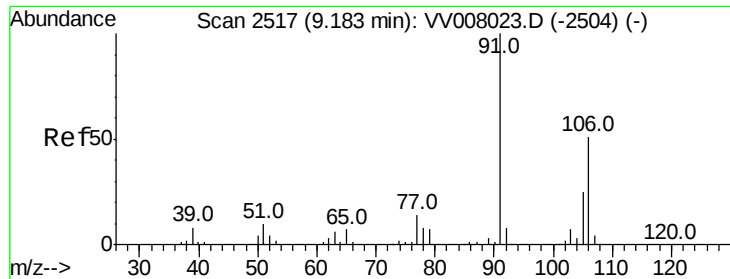
Tot Ion: 75 Resp: 752
 Ion Ratio Lower Upper
 75 100
 77 64.5 22.9 42.5#



#42
 Toluene
 Concen: 0.125 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VV008030.D
 Acq: 02 Oct 2018 15:12

Tgt Ion: 91 Resp: 3273
 Ion Ratio Lower Upper
 91 100
 92 59.9 40.8 75.8





#53

m,p-xylene

Concen: 0.172 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV008030.D

Acq: 02 Oct 2018 15:12

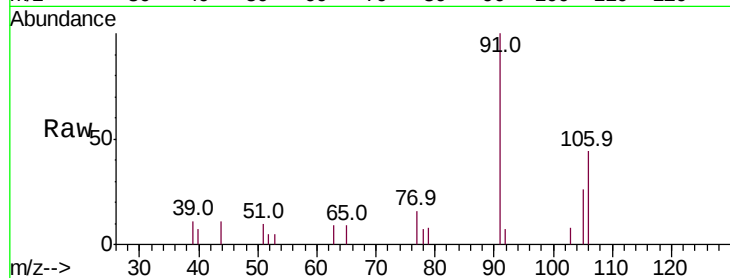
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 1912

Ion Ratio Lower Upper

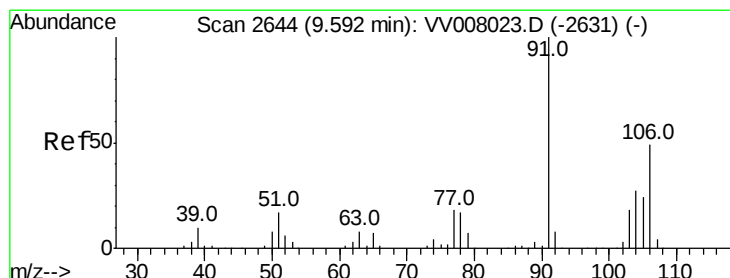
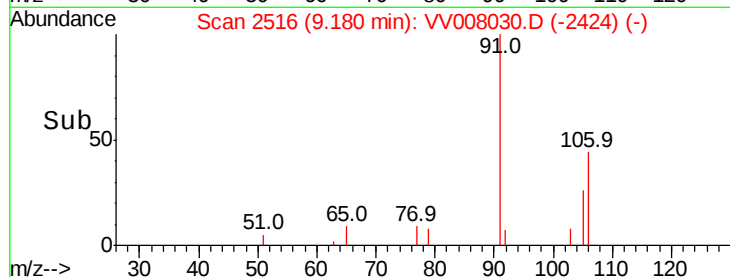
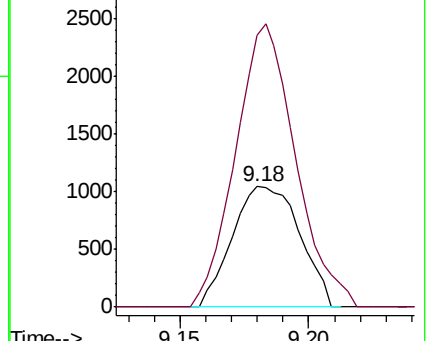
106 100

91 225.3 139.4 258.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.083 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VV008030.D

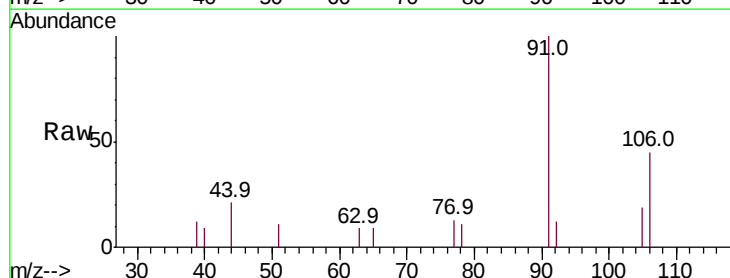
Acq: 02 Oct 2018 15:12

Tgt Ion:106 Resp: 891

Ion Ratio Lower Upper

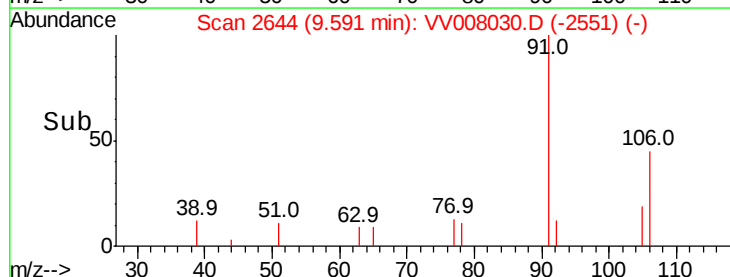
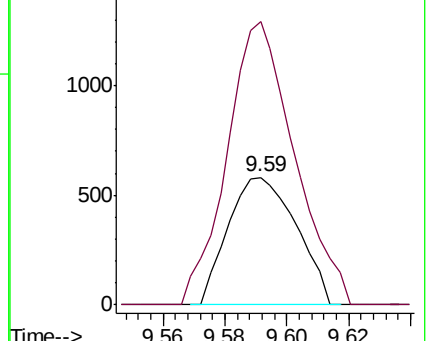
106 100

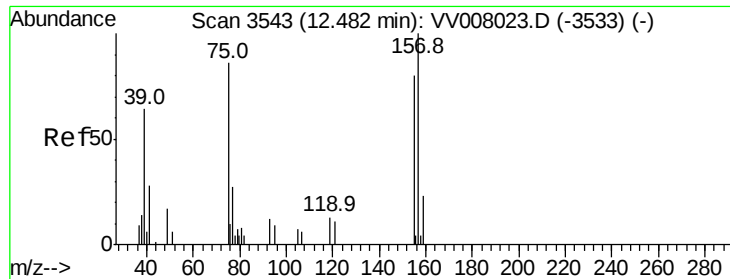
91 222.0 150.1 278.9



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: 0.463 ug/L

RT: 12.30 min Scan# 3487

Delta R.T. -0.18 min

Lab File: VV008030.D

Acq: 02 Oct 2018 15:12

Instrument :

MSVOA_V

ClientSampled :

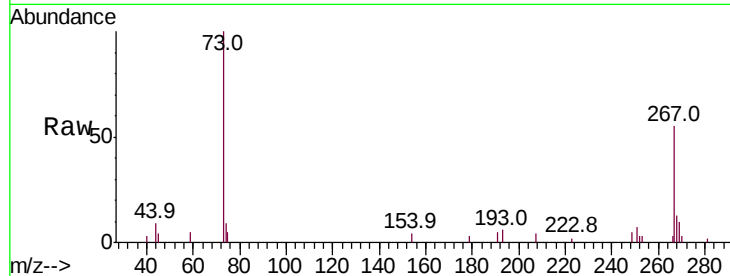
Tot Ion: 75 Resp: 305

Ion Ratio Lower Upper

75 100

155 0.0 83.4 125.2#

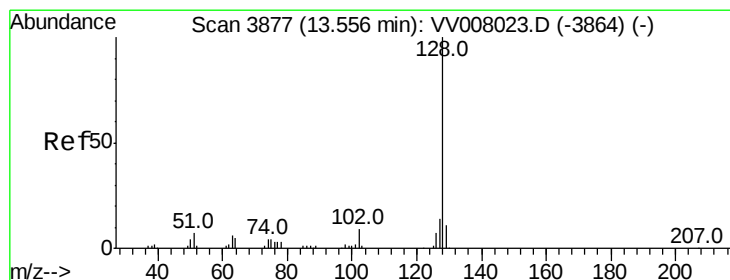
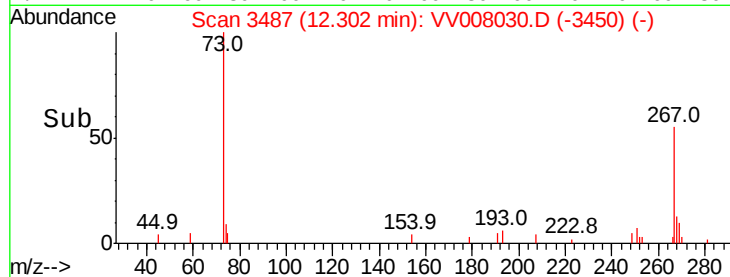
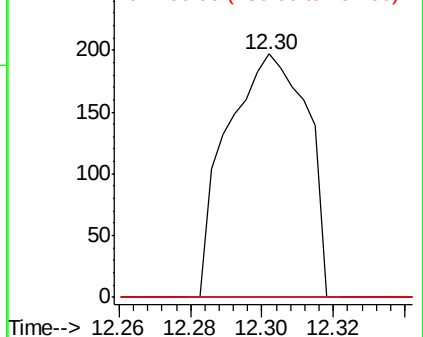
157 0.0 93.9 140.9#



Abundance Ion 75.05 (74.75 to 75.75): VV008023.D (-3533) (-)

Ion 154.95 (154.65 to 155.65): VV008023.D (-3533) (-)

Ion 156.90 (156.60 to 157.60): VV008023.D (-3533) (-)



#69

Naphthalene

Concen: 0.083 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV008030.D

Acq: 02 Oct 2018 15:12

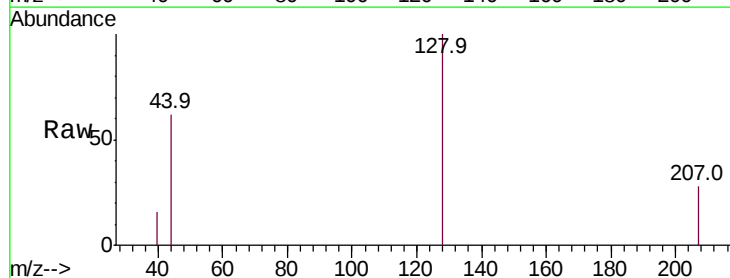
Tgt Ion: 128 Resp: 1149

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

127 1.7 10.3 15.5#



Abundance Ion 128.00 (127.70 to 128.70): VV008023.D (-3864) (-)

Ion 129.00 (128.70 to 129.70): VV008023.D (-3864) (-)

Ion 127.00 (126.70 to 127.70): VV008023.D (-3864) (-)

