

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100318\
 Data File : VV008045.D
 Acq On : 03 Oct 2018 10:48
 Operator : SY/MD
 Sample : VV1003WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 07:55:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 04 07:54:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93787	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44480	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22989	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.59	69	20302	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.13	63	36632	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.97	46	72282	47.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.60%
24) Chloroform-d	4.41	84	53429	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.09	65	28728	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	104499	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	33078	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	97011	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.67	79	11157	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	47858	41.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23101	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	40305	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

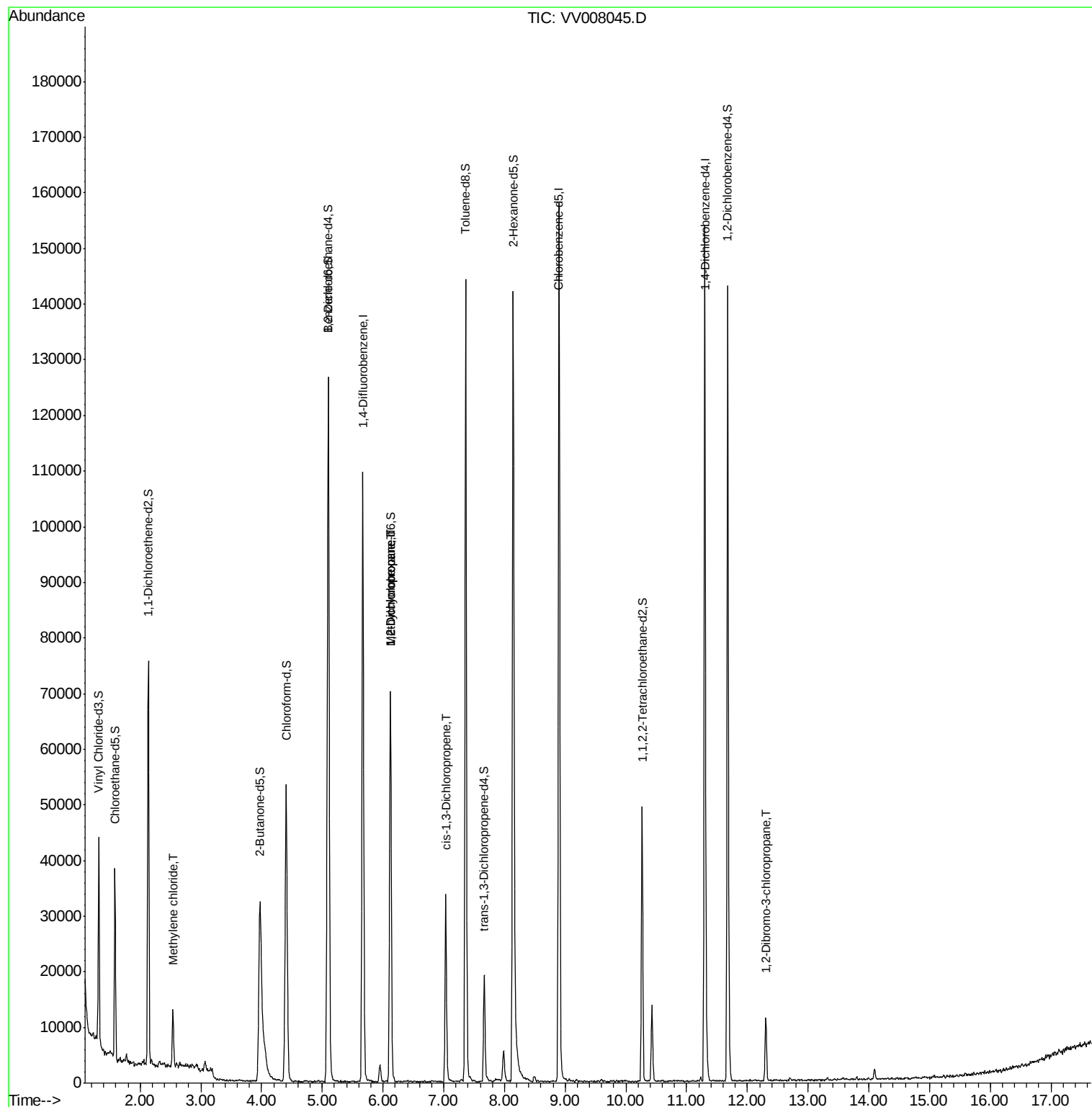
					Ovalue
16) Methylene chloride	2.54	84	4442	0.645 ug/L	86
35) Methylcyclohexane	6.12	83	8222	0.752 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	3804	0.585 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	880	0.101 ug/L #	66
66) 1,2-Dibromo-3-chloropropan	12.31	75	341	0.484 ug/L #	1

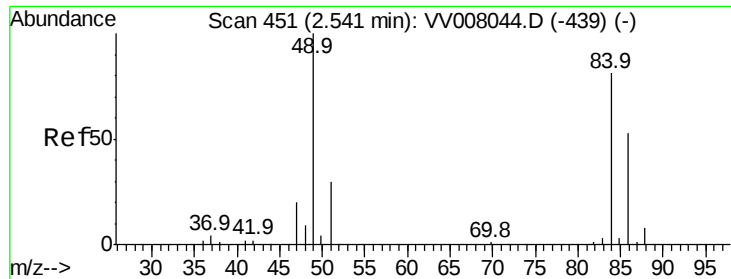
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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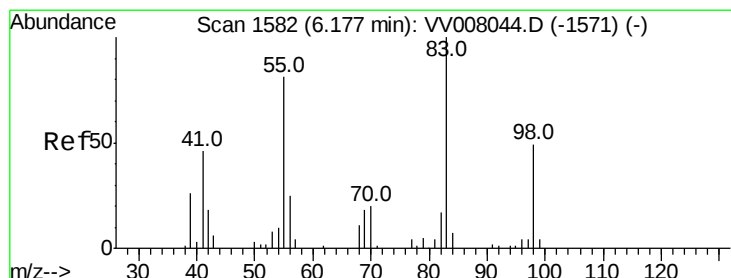
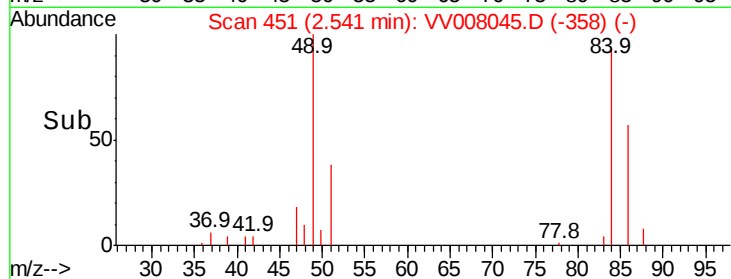
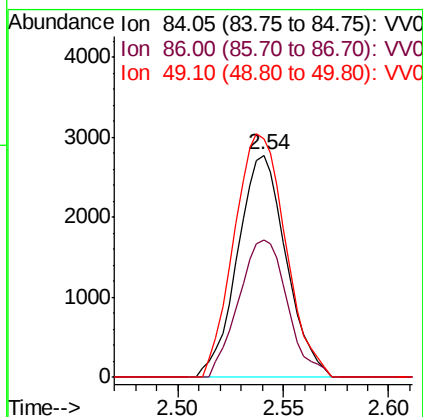
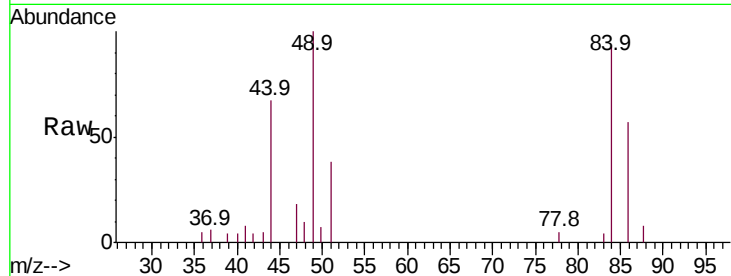




#16
Methvlene chloride
Concen: 0.645 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV008045.D
Acq: 03 Oct 2018 10:48

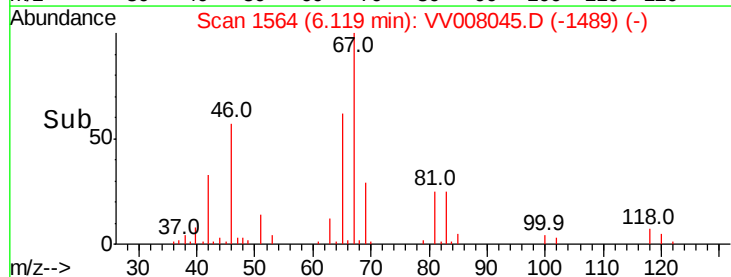
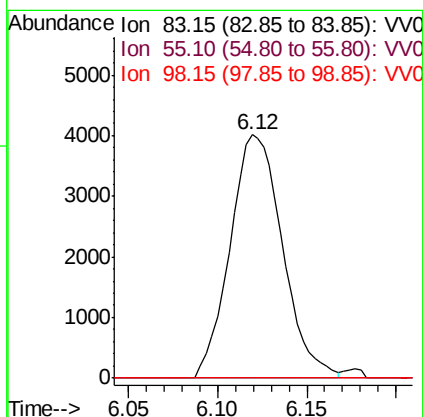
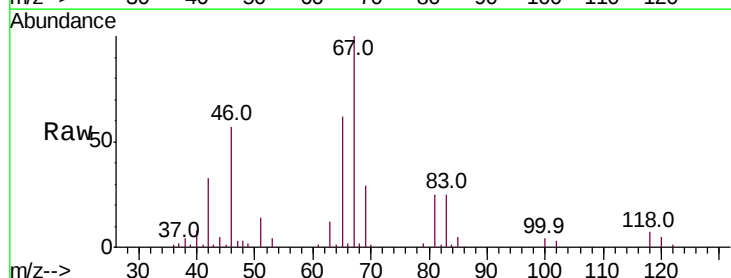
Instrument :
MSVOA_V
ClientSampleId :

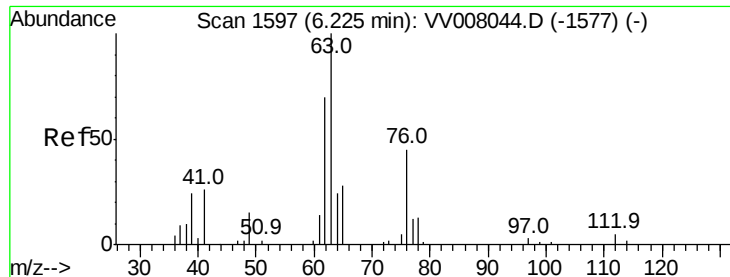
Tot Ion: 84 Resp: 4442
Ion Ratio Lower Upper
84 100
86 61.9 47.3 87.8
49 107.7 90.0 167.2



#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008045.D
Acq: 03 Oct 2018 10:48

Tgt Ion: 83 Resp: 8222
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 5.2 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008045.D

Acq: 03 Oct 2018 10:48

Instrument :

MSVOA_V

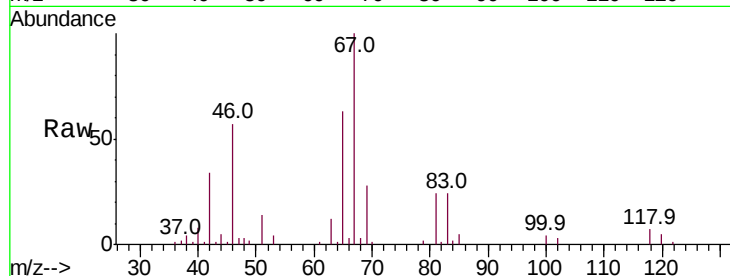
ClientSampleId :

Tot Ion: 63 Resp: 3804

Ion Ratio Lower Upper

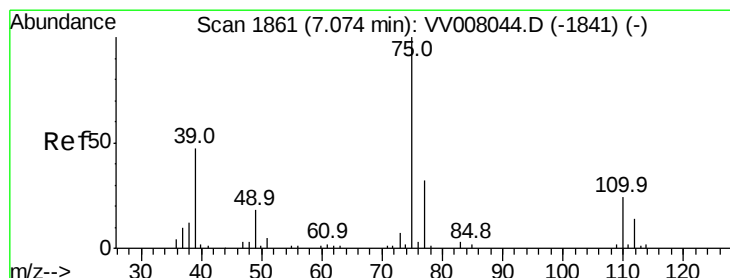
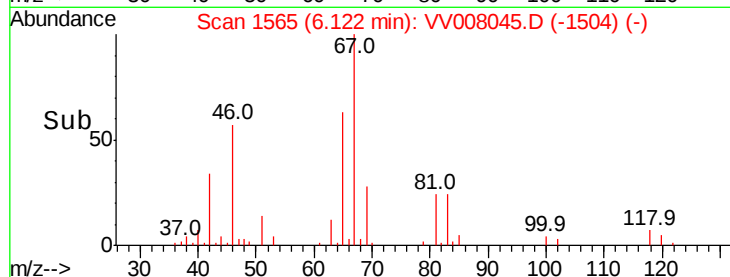
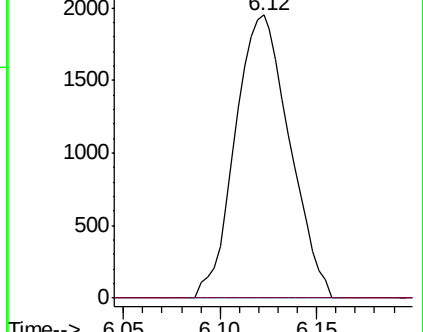
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV008044.D (-1577) (-)

Ion 112.10 (111.80 to 112.80): VV008044.D (-1577) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008045.D

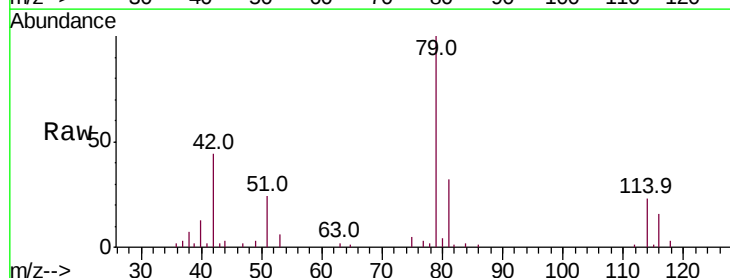
Acq: 03 Oct 2018 10:48

Tgt Ion: 75 Resp: 880

Ion Ratio Lower Upper

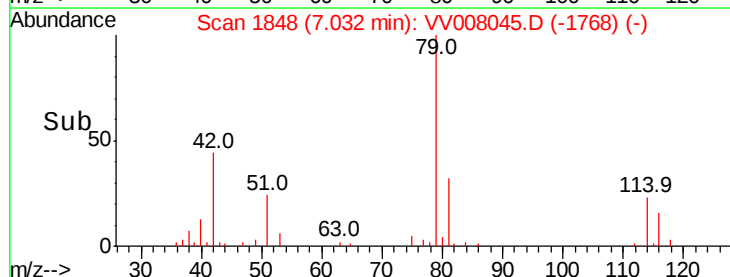
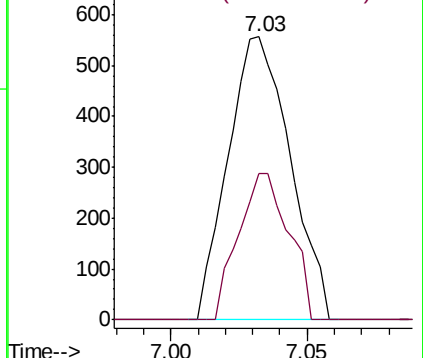
75 100

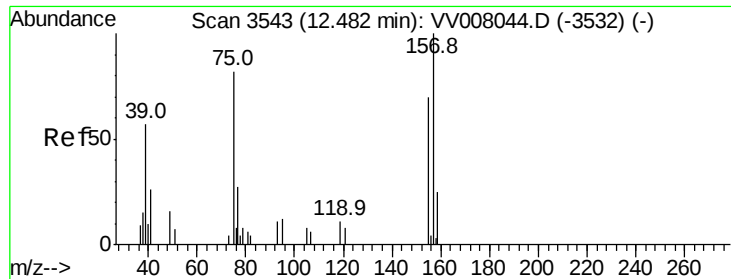
77 51.7 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008044.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV008044.D (-1841) (-)





#66

1,2-Dibromo-3-chloropropane

Concen: 0.484 ug/L

RT: 12.31 min Scan# 3488

Delta R.T. -0.18 min

Lab File: VV008045.D

Acq: 03 Oct 2018 10:48

Instrument :

MSVOA_V

ClientSampleId :

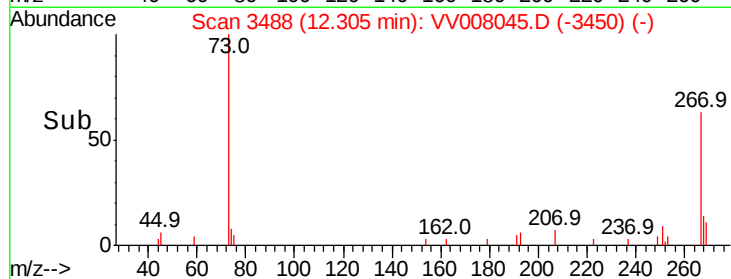
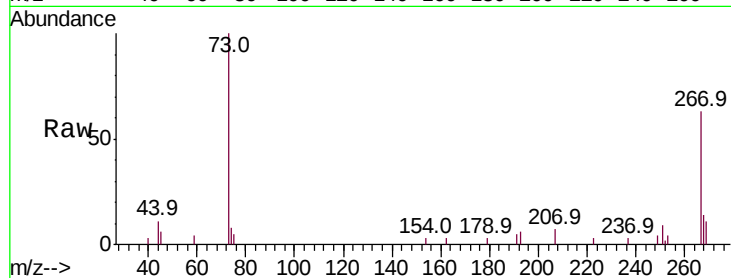
Tot Ion: 75 Resp: 341

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): VV008045.D (-3450) (-)

Ion 154.95 (154.65 to 155.65): VV008045.D (-3450) (-)

Ion 156.90 (156.60 to 157.60): VV008045.D (-3450) (-)

