

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100218\
 Data File : VV008032.D
 Acq On : 02 Oct 2018 16:37
 Operator : SY/MD
 Sample : J5185-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:36:14 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	95264	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92035	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45288	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22952	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	20173	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	36674	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.99	46	65825	42.85	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.70%
24) Chloroform-d	4.41	84	52673	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.09	65	28605	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	101854	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	32506	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	95336	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.67	79	10597	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.14	63	48066	40.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22927	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	41040	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

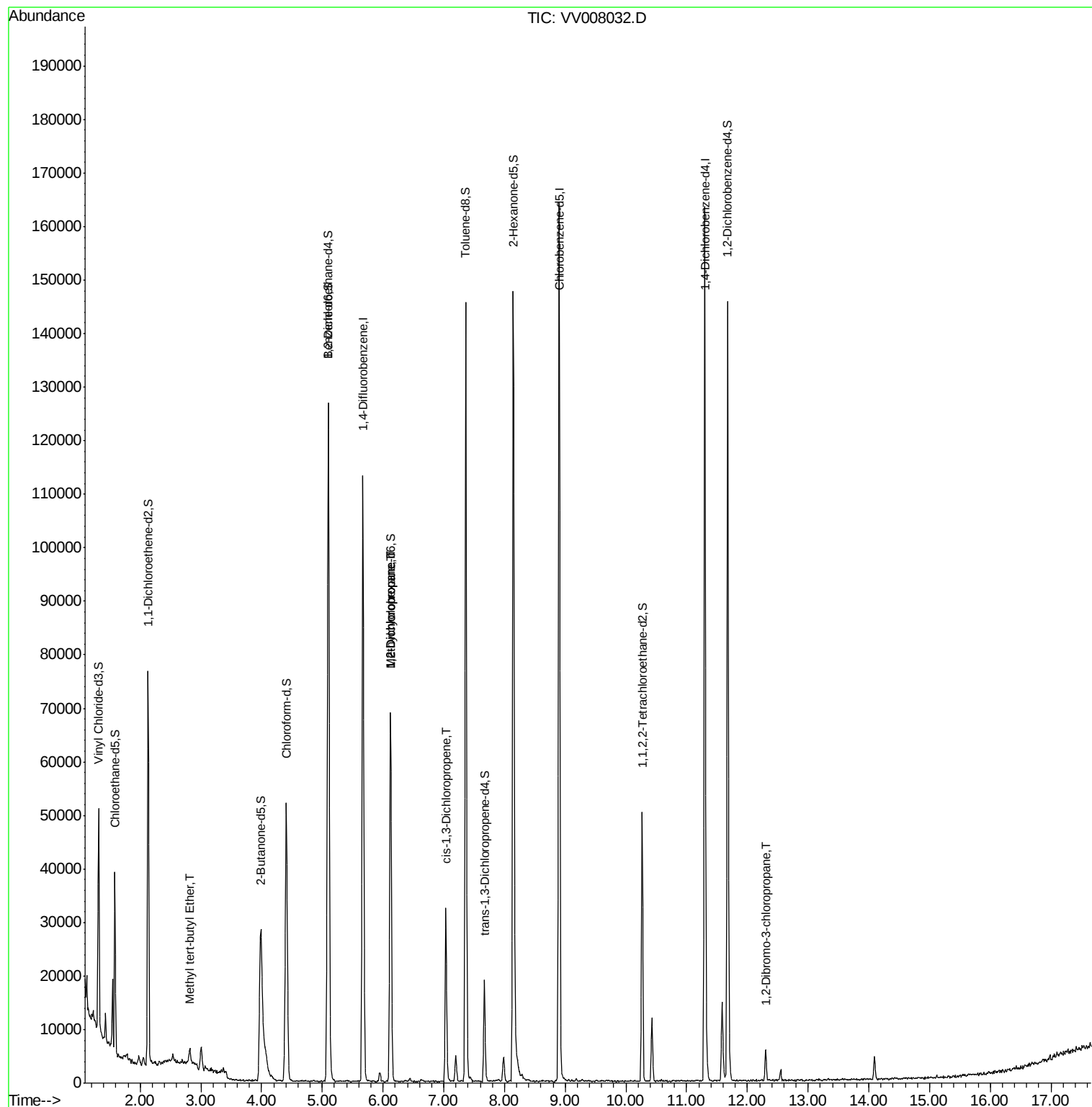
					Ovalue
17) Methyl tert-butyl Ether	2.82	73	2541	0.163 ug/L #	77
35) Methylcyclohexane	6.12	83	7684	0.679 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3939	0.585 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	843	0.094 ug/L #	61
66) 1,2-Dibromo-3-chloropropan	12.30	75	67	0.093 ug/L #	1

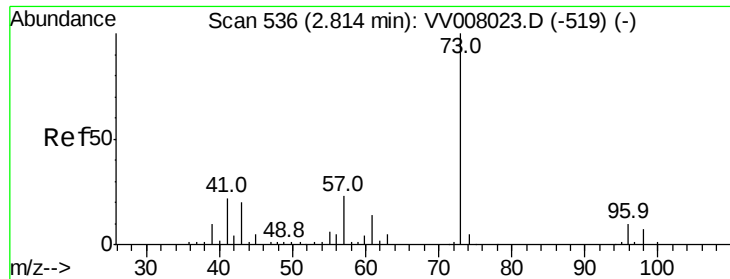
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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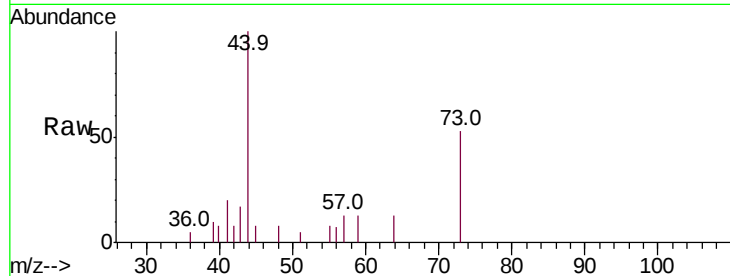




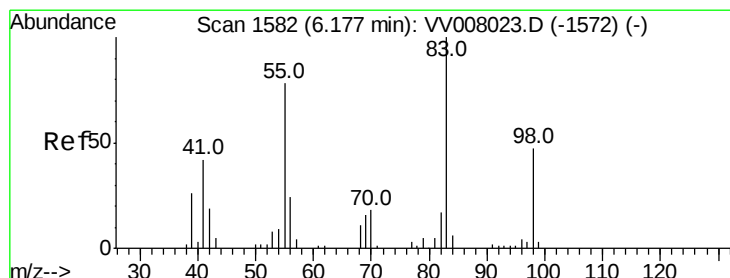
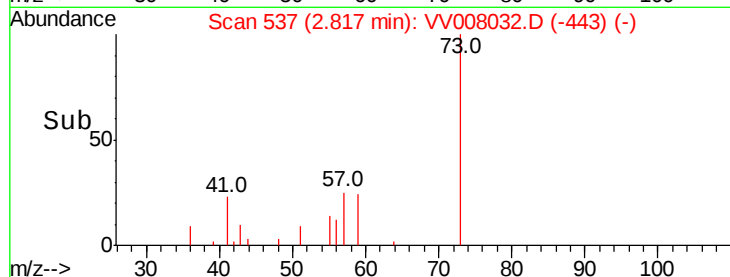
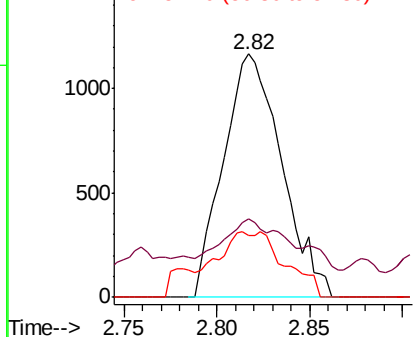
#17
Methyl tert-butyl Ether
Concen: 0.163 ug/L
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VV008032.D
Acq: 02 Oct 2018 16:37

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 73 Resp: 2541
Ion Ratio Lower Upper
73 100
43 13.8 16.8 25.2#
57 7.4 17.6 26.4#

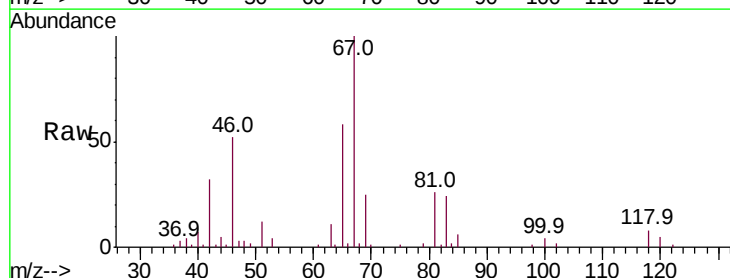


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

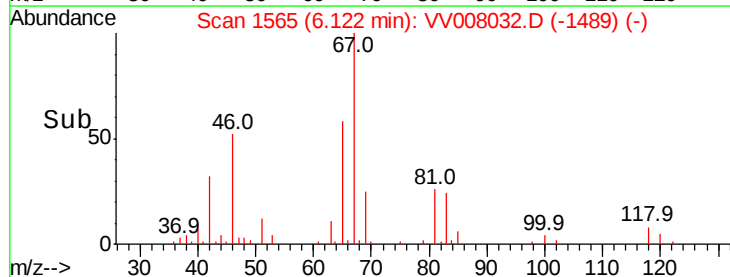
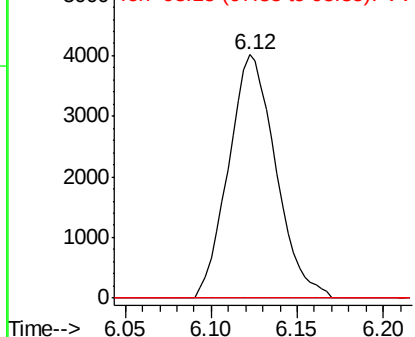


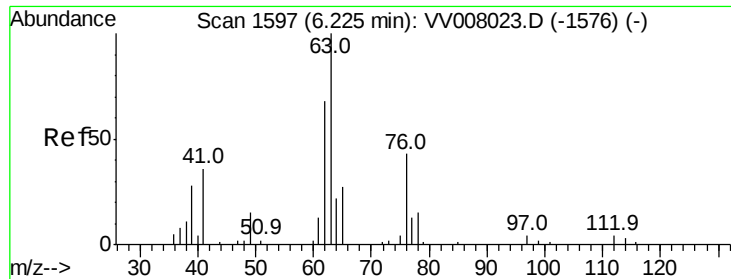
#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008032.D
Acq: 02 Oct 2018 16:37

Tgt Ion: 83 Resp: 7684
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 1.4 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

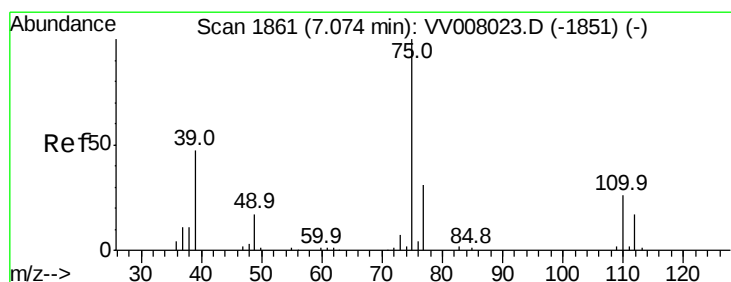
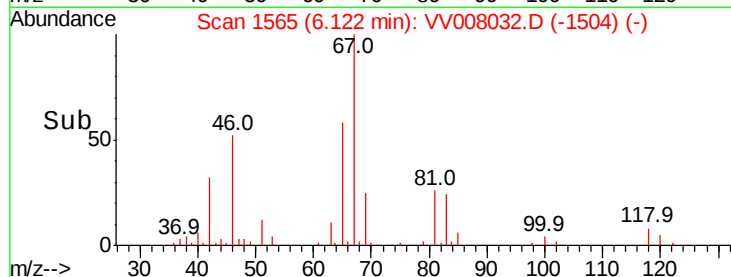
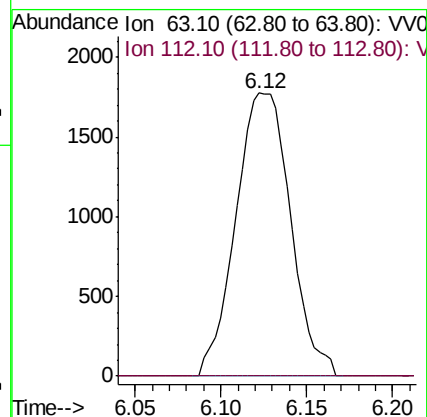
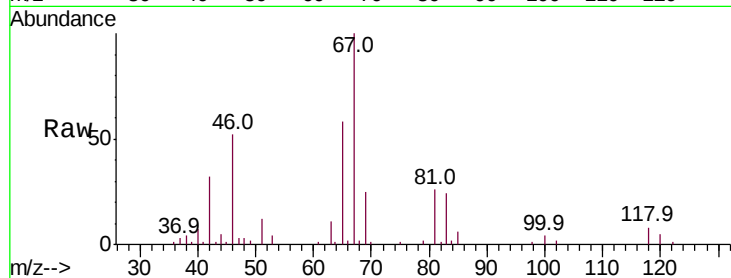




#37
 1,2-Dichloropropane
 Concen: 0.585 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008032.D
 Acq: 02 Oct 2018 16:37

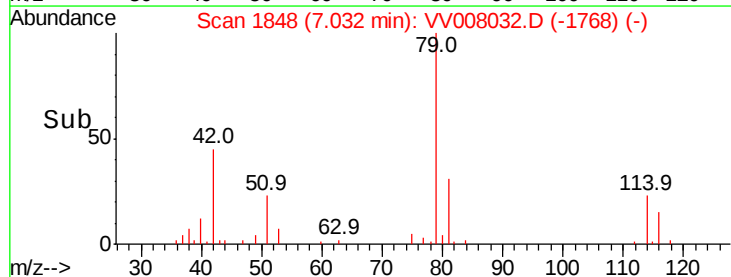
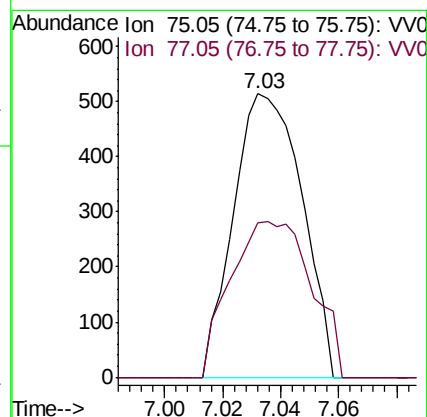
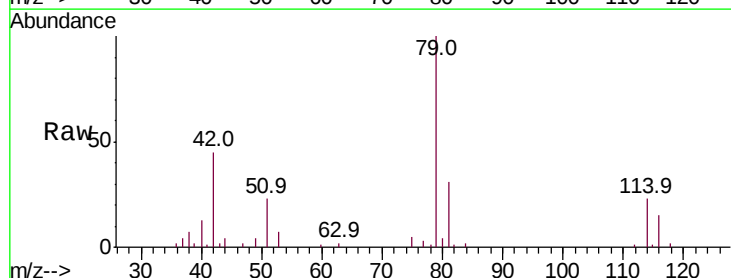
Instrument :
 MSVOA_V
 ClientSampleId :

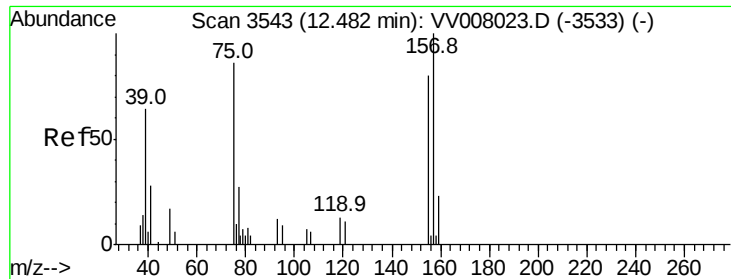
Tot Ion: 63 Resp: 3939
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008032.D
 Acq: 02 Oct 2018 16:37

Tgt Ion: 75 Resp: 843
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.9 42.5#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.093 ug/L

RT: 12.30 min Scan# 3487

Delta R.T. -0.18 min

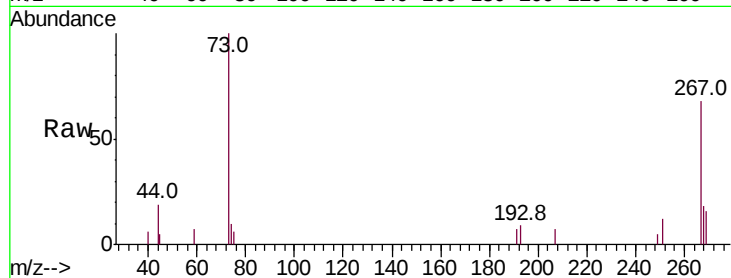
Lab File: VV008032.D

Acq: 02 Oct 2018 16:37

Instrument :

MSVOA_V

ClientSampleId :



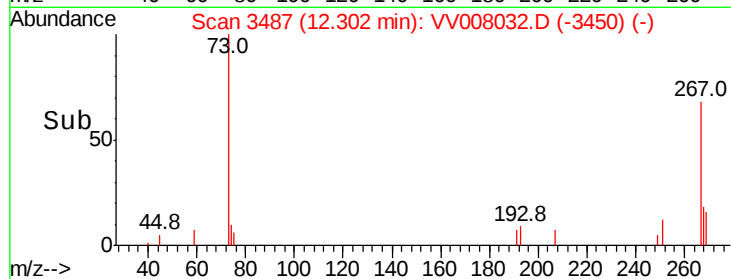
Tot Ion: 75 Resp: 67

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): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

