

Data File : VV010800.D
Acq On : 10 May 2019 07:27
Operator : SY/MD
Sample : K2788-04
Misc : 6.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5192

Quant Time: May 10 07:59:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	98405	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	96840	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37028	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26237	17.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.64%
7) Chloroethane-d5	1.56	69	26742	21.26	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	2.11	63	45069	13.59	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.36%
20) 2-Butanone-d5	3.92	46	23787	51.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.70%
24) Chloroform-d	4.39	84	66851	24.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	5.07	65	43957	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.96%
29) Benzene-d6	5.09	84	119086	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	6.11	67	41646	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.56%
37) Toluene-d8	7.36	98	101457	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.16%
38) trans-1,3-Dichloropropene-	7.66	79	15004	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.04%
39) 2-Hexanone-d5	8.13	63	17424	51.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37578	24.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	36189	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

Target Compounds

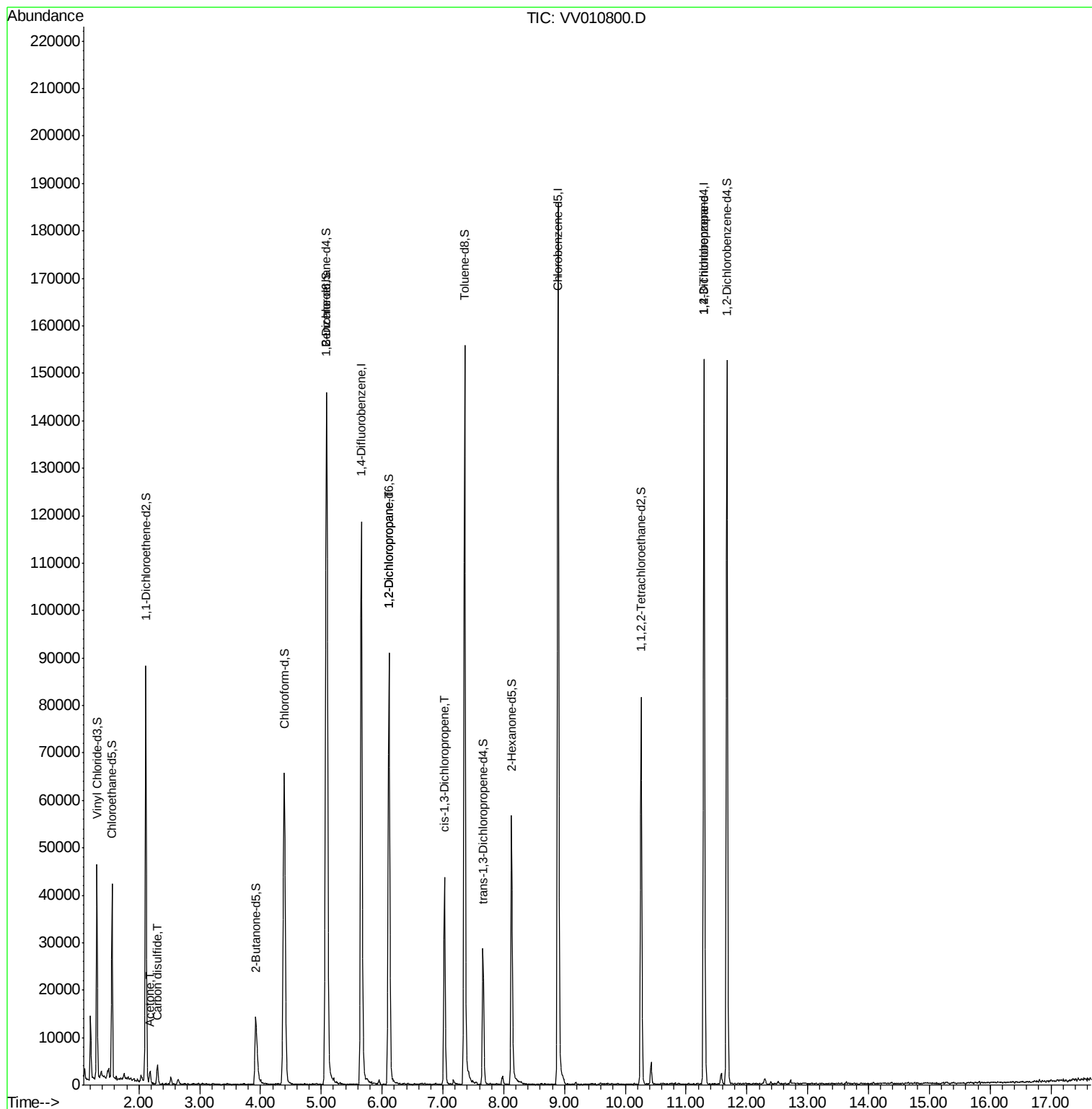
					Qvalue
13) Acetone	2.19	43	2423	3.412 ug/L	82
14) Carbon disulfide	2.31	76	4003	1.051 ug/L	98
40) 1,2-Dichloropropane	6.11	63	5008	3.312 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1282	0.536 ug/L	86
59) 1,2,3-Trichloropropane	11.30	75	5059	3.982 ug/L #	80

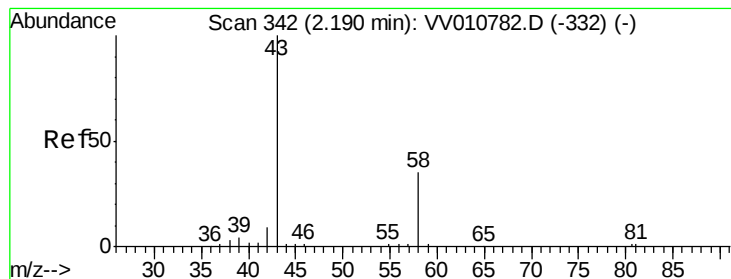
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.412 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010800.D

Acq: 10 May 2019 07:27

Instrument :

MSVOA_V

ClientSampled :

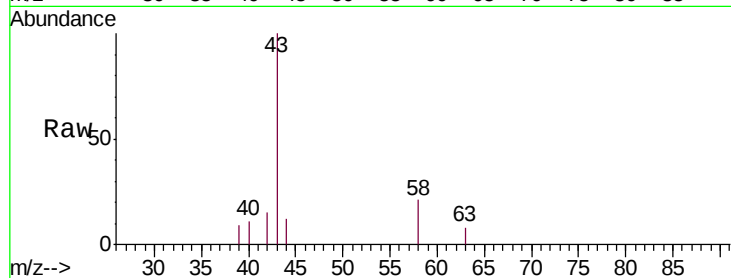
A5192

Tgt Ion: 43 Resp: 2423

Ion Ratio Lower Upper

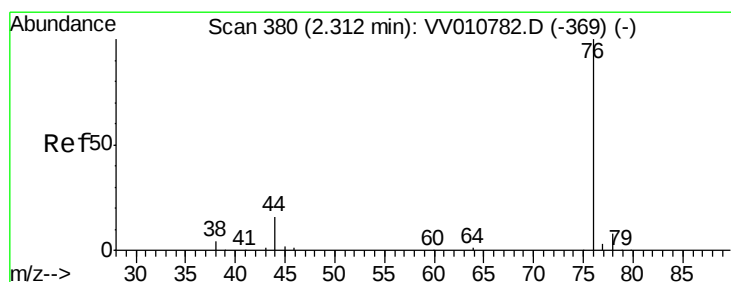
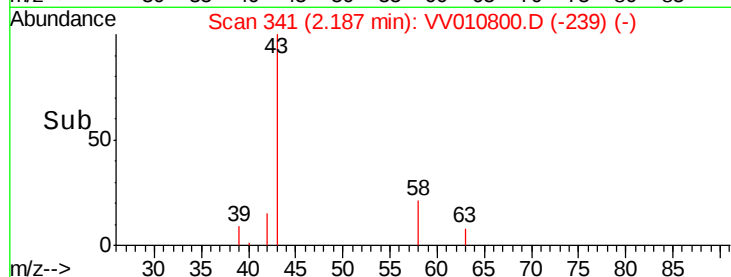
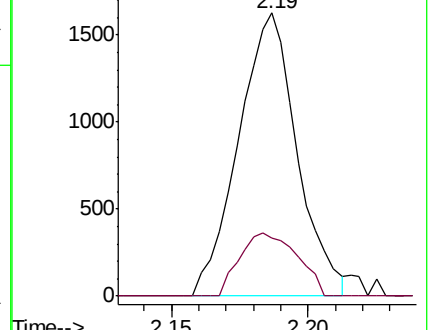
43 100

58 22.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010782.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010782.D (-332) (-)



#14

Carbon disulfide

Concen: 1.051 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV010800.D

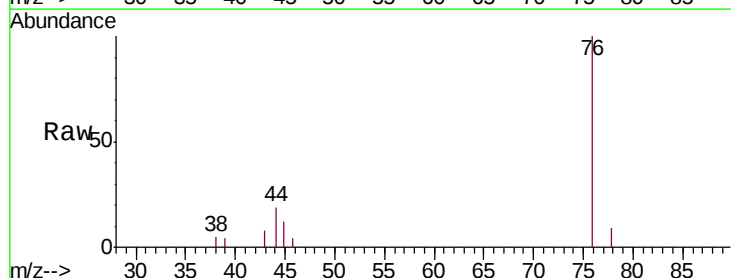
Acq: 10 May 2019 07:27

Tgt Ion: 76 Resp: 4003

Ion Ratio Lower Upper

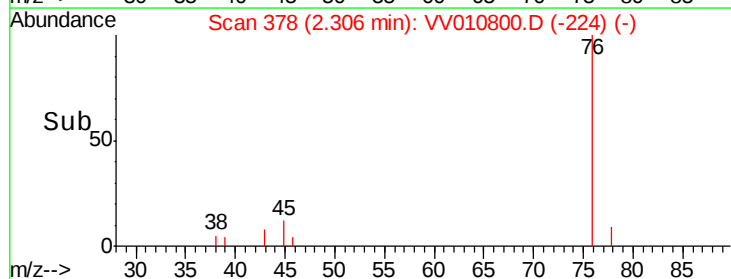
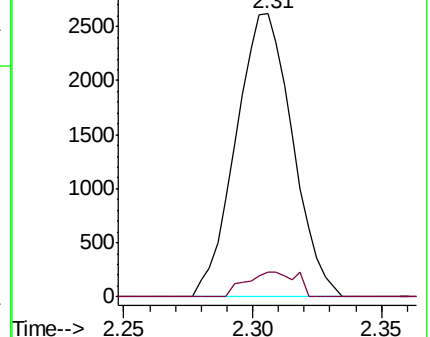
76 100

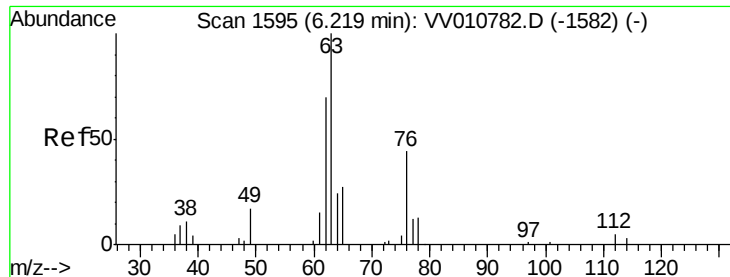
78 9.0 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VV010782.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV010782.D (-369) (-)

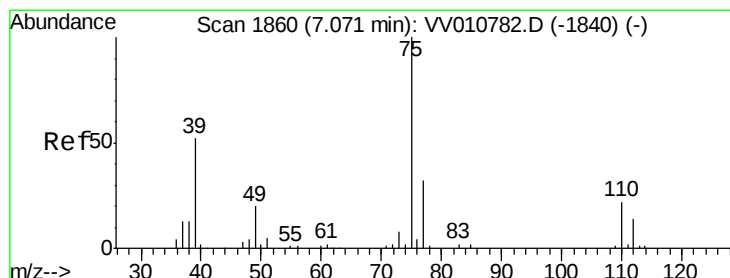
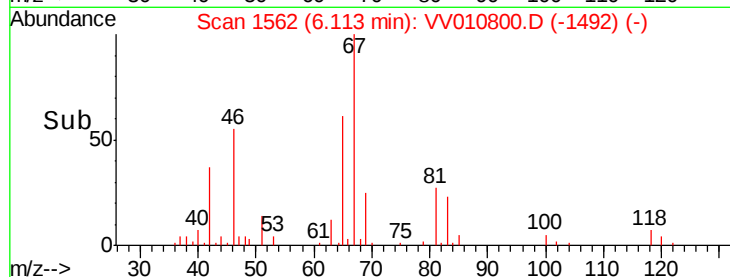
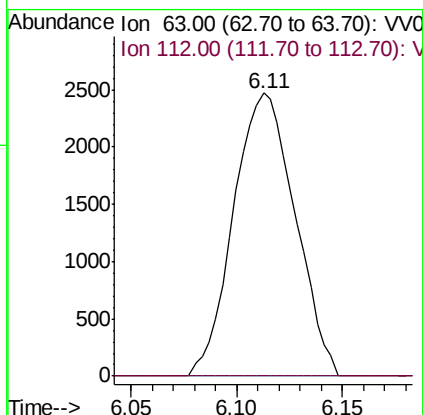
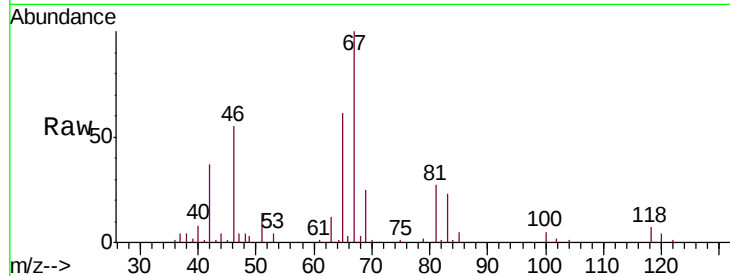




#40
 1,2-Dichloropropane
 Concen: 3.312 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010800.D
 Acq: 10 May 2019 07:27

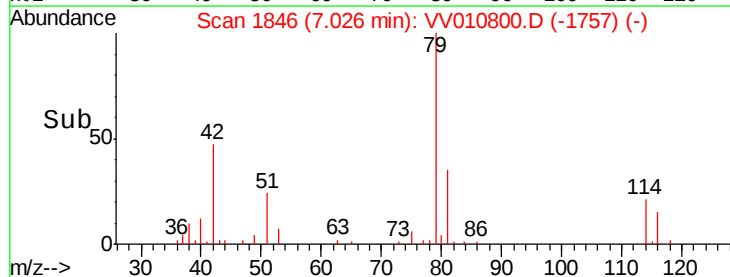
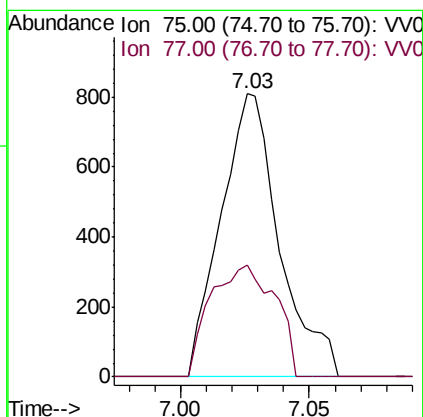
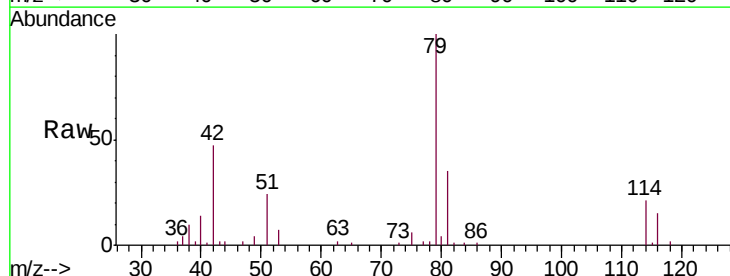
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 MSVOA_V
 ClientSampled :
 A5192

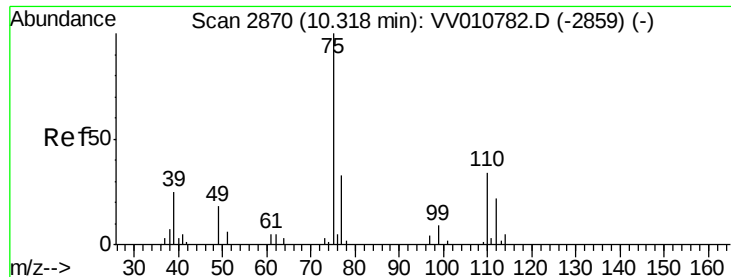
Tgt Ion: 63 Resp: 5008
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.536 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV010800.D
 Acq: 10 May 2019 07:27

Tgt Ion: 75 Resp: 1282
 Ion Ratio Lower Upper
 75 100
 77 39.7 22.3 41.3





#59

1,2,3-Trichloropropane

Concen: 3.982 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010800.D

Acq: 10 May 2019 07:27

Instrument :

MSVOA_V

ClientSampleId :

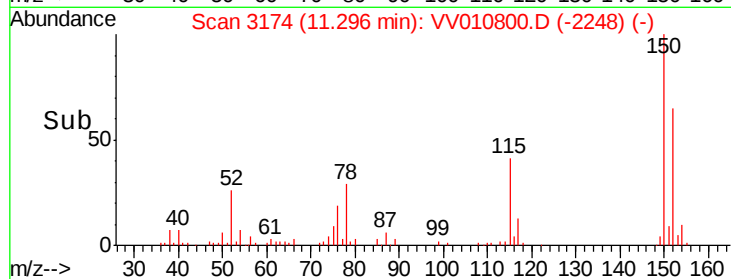
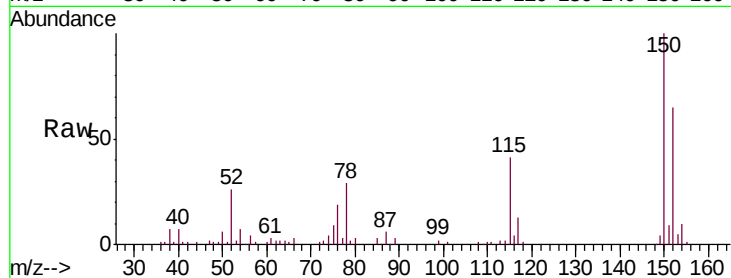
A5192

Tgt Ion: 75 Resp: 5059

Ion Ratio Lower Upper

75 100

77 42.4 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

