

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017631.D
 Acq On : 24 Jul 2020 03:03
 Operator : SY/MD
 Sample : L3398-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C56

Quant Time: Jul 24 03:33:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	148797	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148281	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35920	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	29230	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.12	63	59438	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.94	46	84457	49.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	4.38	84	89584	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.06	65	48451	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.07	84	165490	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.09	67	46204	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	147898	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
45) trans-1,3-Dichloropropene-	7.65	79	17948	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
48) 2-Hexanone-d5	8.11	63	56144	44.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31853	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	58398	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

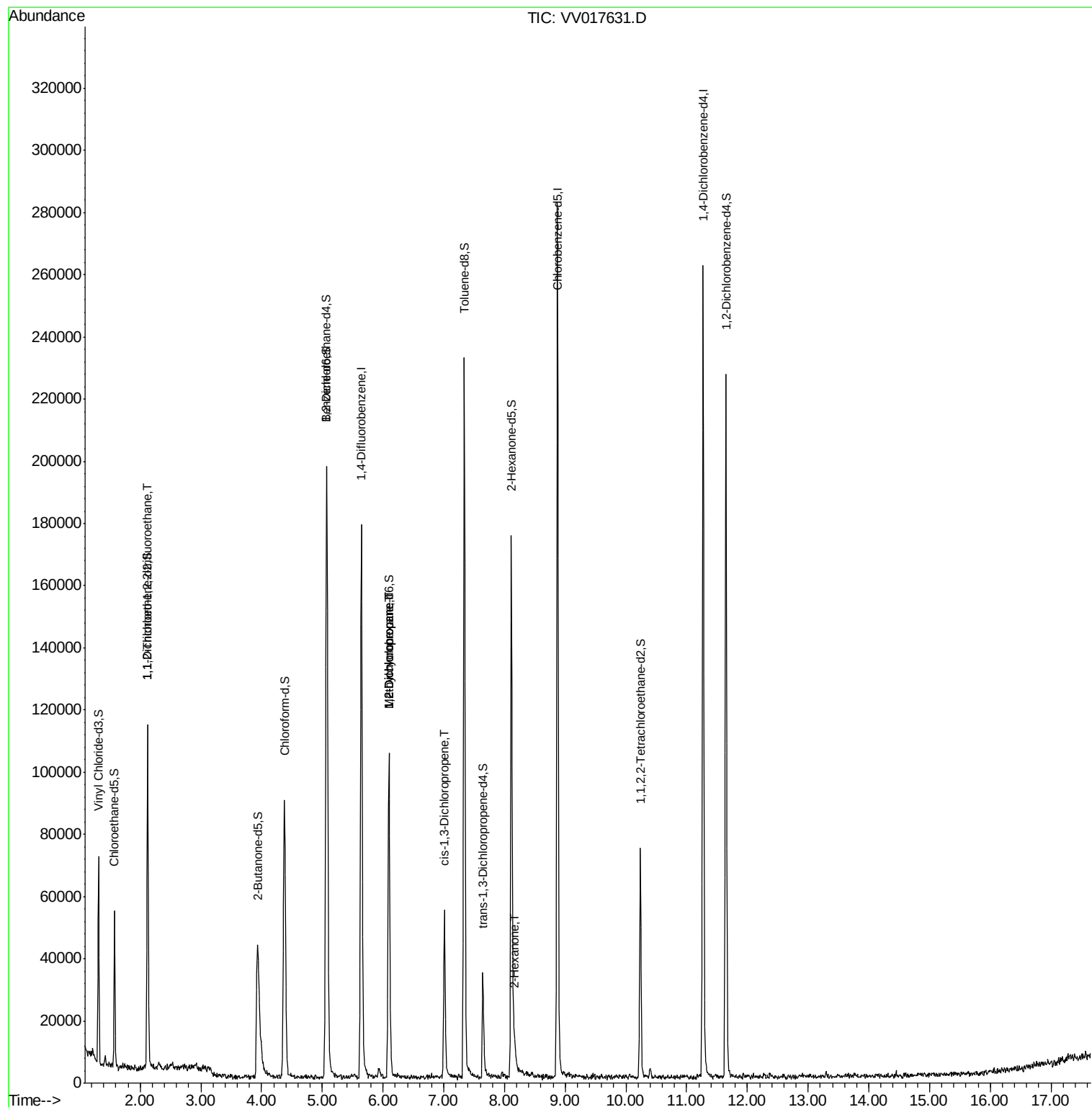
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	804	0.091	ug/L #	22
35) Methylcyclohexane	6.10	83	12330	0.695	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	6225	0.631	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1470	0.099	ug/L #	36
50) 2-Hexanone	8.17	43	2595	0.678	ug/L #	88

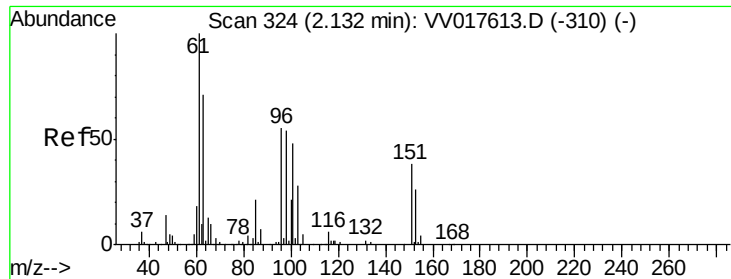
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.091 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017631.D

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MSVOA_V

ClientSampled :

F4C56

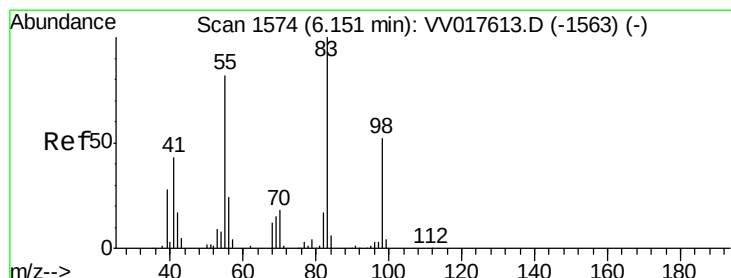
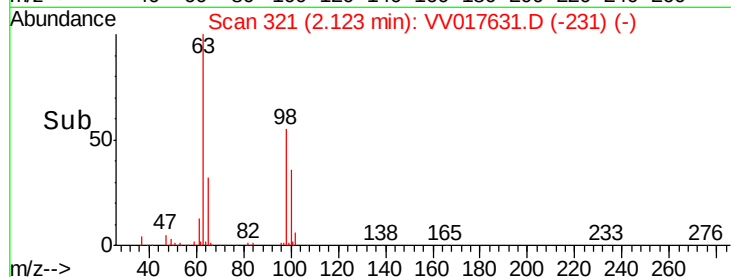
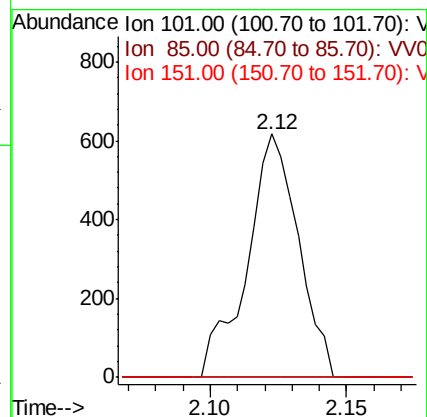
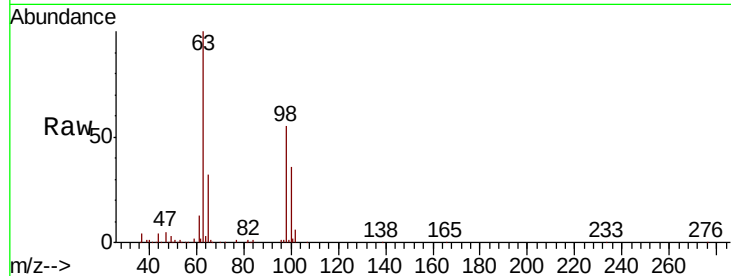
Tot Ion:101 Resp: 804

Ion Ratio Lower Upper

101 100

85 8.3 34.6 51.8#

151 0.0 63.5 95.3#



#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

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Acq: 24 Jul 2020 03:03

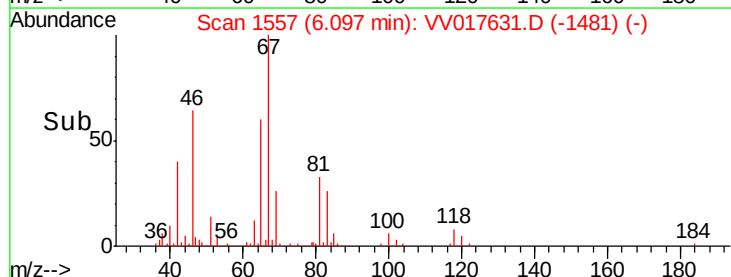
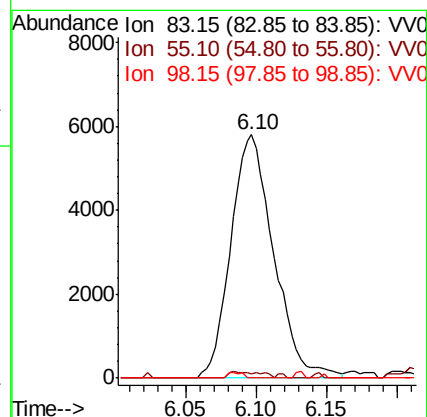
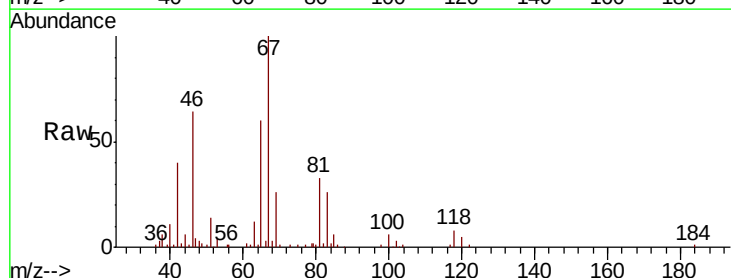
Tgt Ion: 83 Resp: 12330

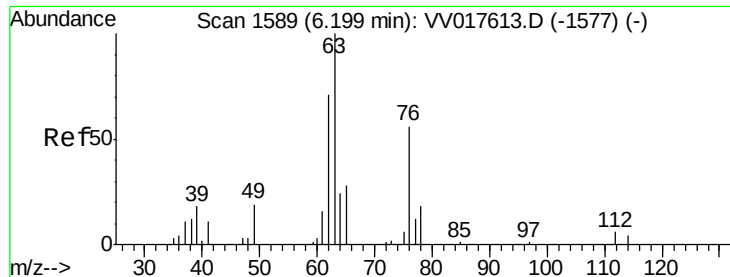
Ion Ratio Lower Upper

83 100

55 0.8 61.8 92.8#

98 0.8 39.0 58.6#

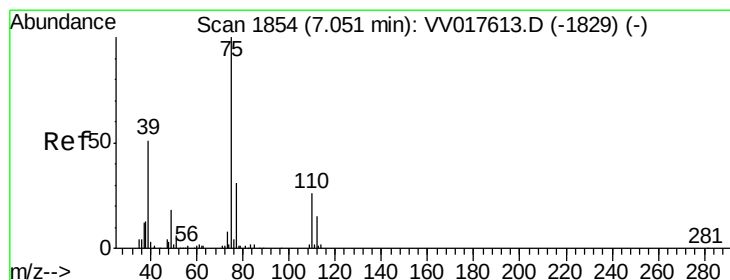
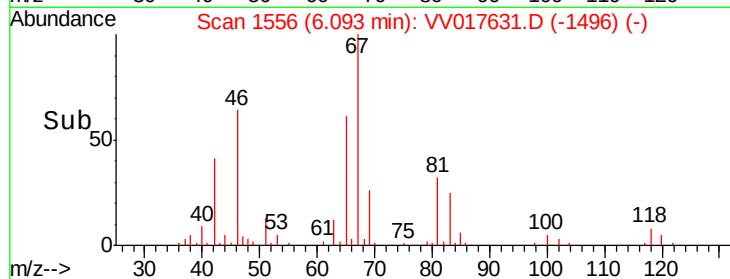
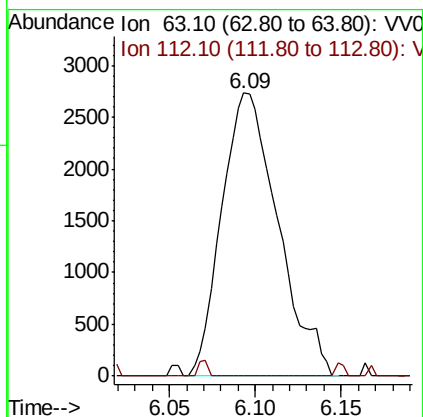
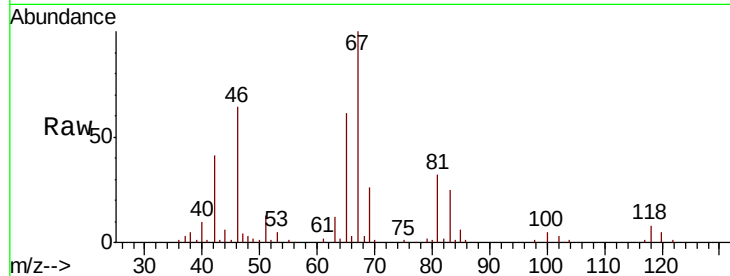




#37
 1,2-Dichloropropane
 Concen: 0.631 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV017631.D
 Acq: 24 Jul 2020 03:03

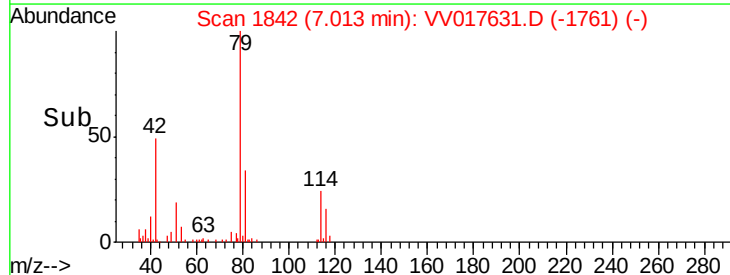
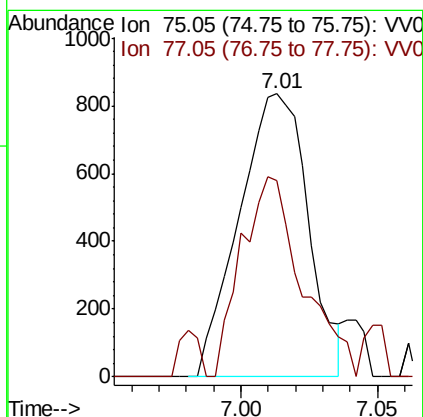
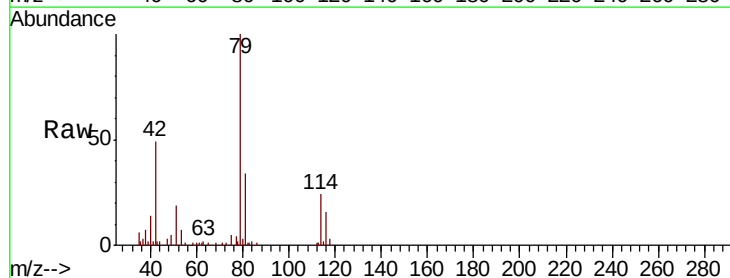
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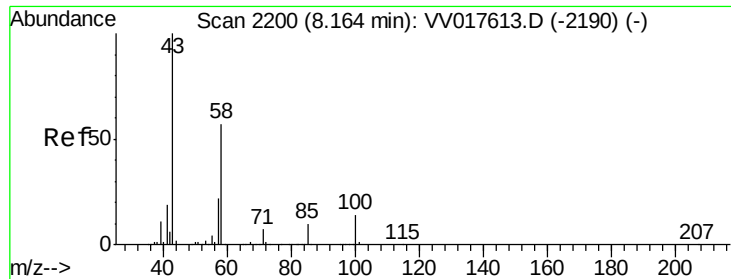
Tot Ion: 63 Resp: 6225
 Ion Ratio Lower Upper
 63 100
 112 0.9 4.5 6.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV017631.D
 Acq: 24 Jul 2020 03:03

Tgt Ion: 75 Resp: 1470
 Ion Ratio Lower Upper
 75 100
 77 69.3 23.2 43.2#





#50

2-Hexanone

Concen: 0.678 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017631.D

Acq: 24 Jul 2020 03:03

Instrument :
MSVOA_V
ClientSampleId :
F4C56

Tot Ion: 43 Resp: 2595

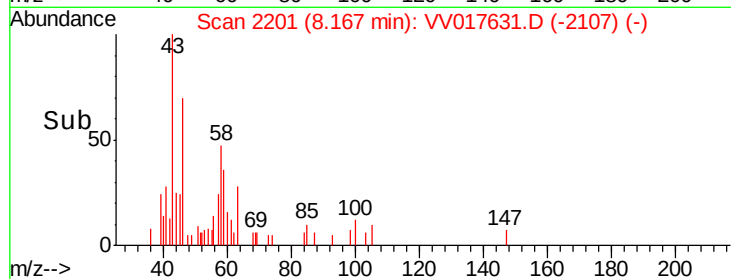
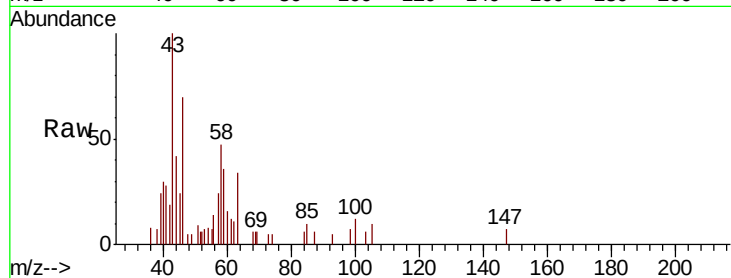
Ion Ratio Lower Upper

43 100

58 42.5 41.6 62.4

57 11.1 15.4 23.0#

100 13.8 11.2 16.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

