

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015561.D
 Acq On : 17 Apr 2020 17:36
 Operator : SY/MD
 Sample : L2333-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3

Quant Time: Apr 18 02:47:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 00:37:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88812	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	83699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	39284	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21782	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.57	69	21441	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.11	63	32257	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.95	46	70614	54.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.16%
24) Chloroform-d	4.38	84	50274	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.06	65	27221	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.07	84	95189	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.09	67	30126	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	84811	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.64	79	7587	3.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.40%
46) 2-Hexanone-d5	8.11	63	58663	48.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	21755	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	32679	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

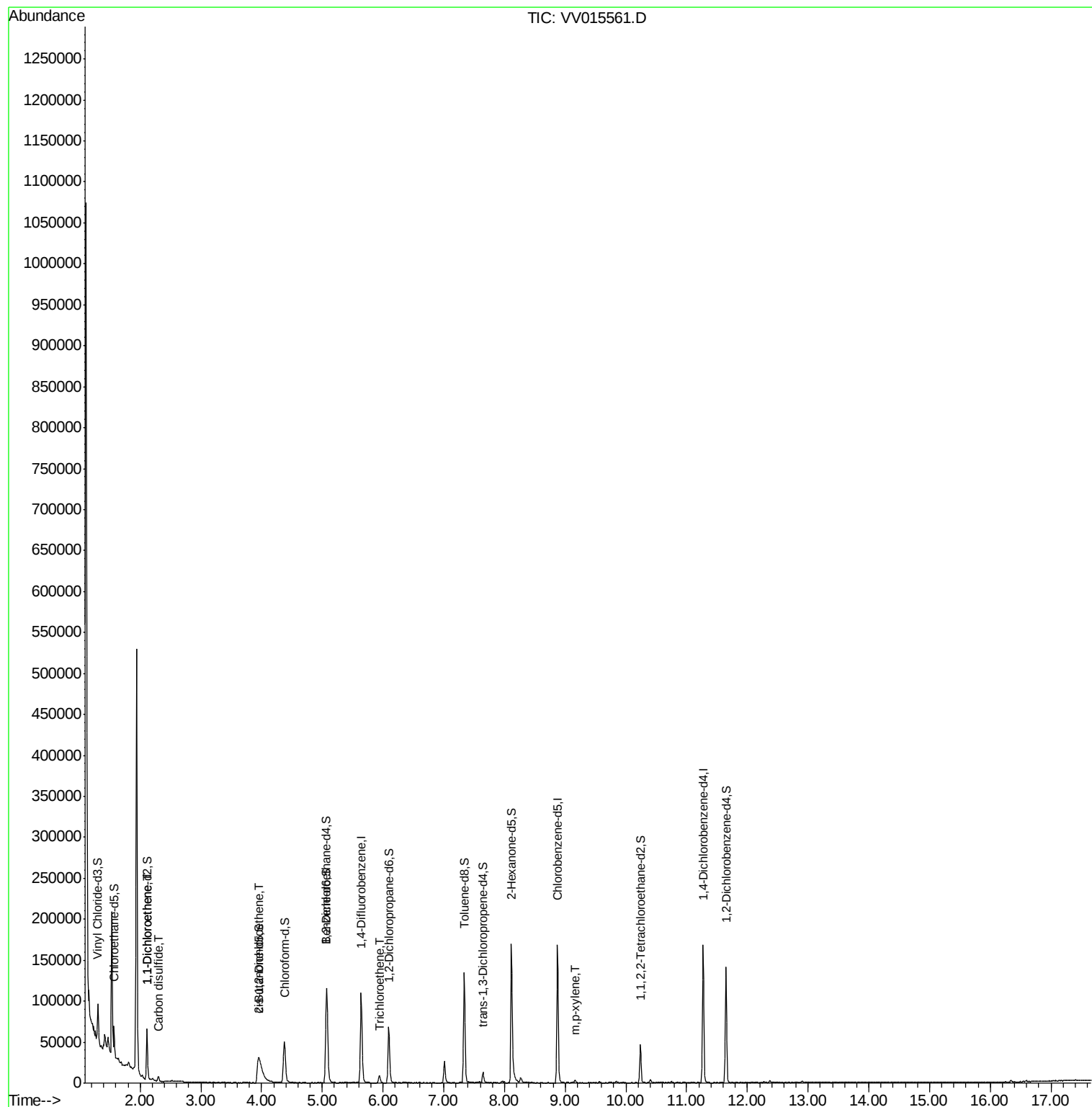
				Ovalue
12) 1,1-Dichloroethene	2.11	96	434	0.078 ug/L # 1
14) Carbon disulfide	2.30	76	7524	0.387 ug/L # 90
22) cis-1,2-Dichloroethene	3.94	96	1651	0.253 ug/L 100
34) Trichloroethene	5.94	95	3133	0.465 ug/L 98
53) m,p-xylene	9.16	106	981	0.083 ug/L 92

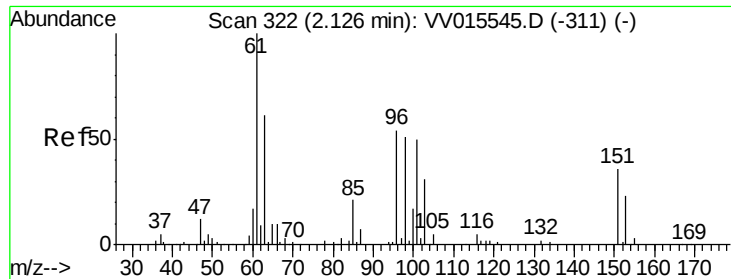
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.078 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0AB3

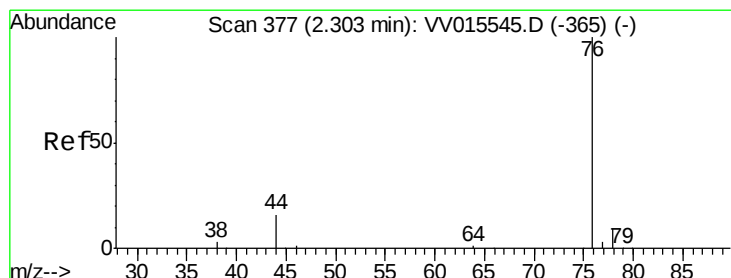
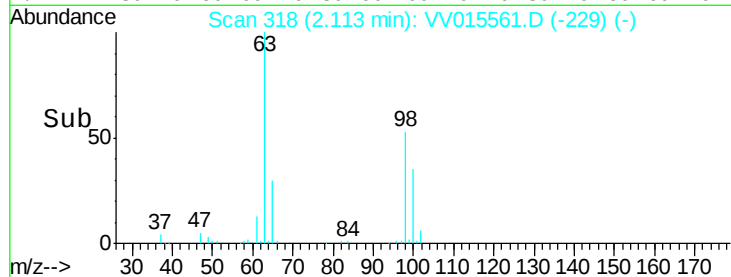
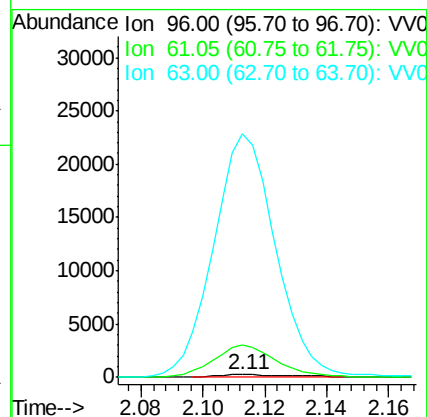
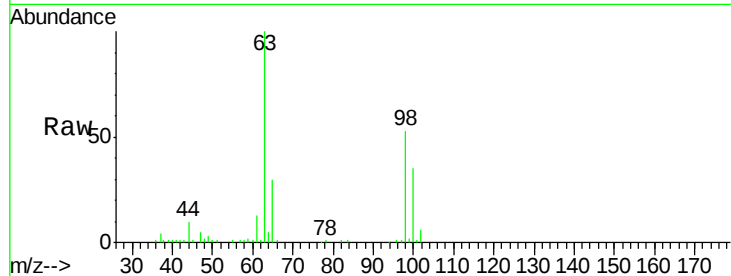
Tot Ion: 96 Resp: 434

Ion Ratio Lower Upper

96 100

61 1181.6 127.7 237.1#

63 8925.0 75.1 139.5#



#14

Carbon disulfide

Concen: 0.387 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.00 min

Lab File: VV015561.D

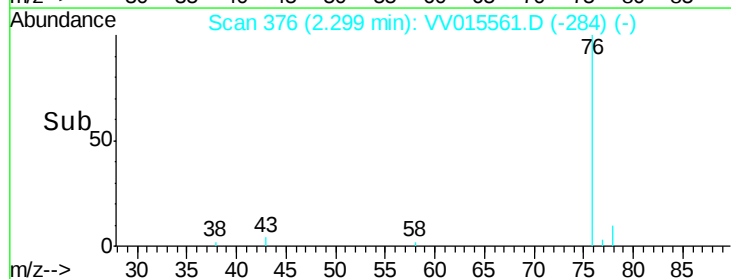
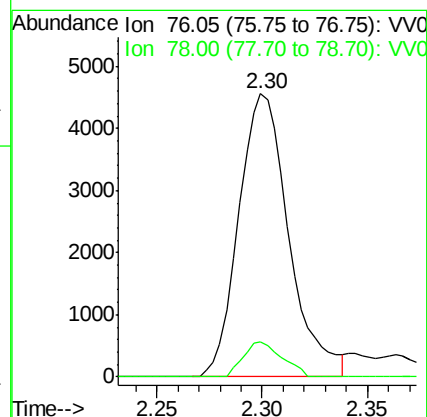
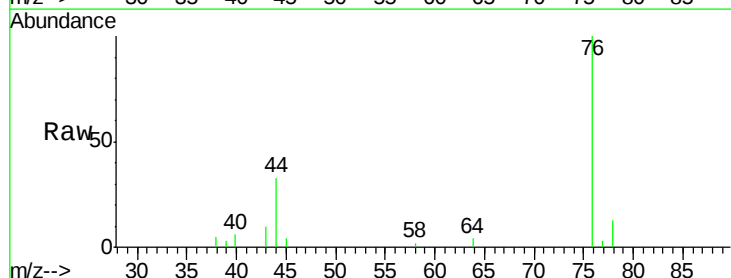
Acq: 17 Apr 2020 17:36

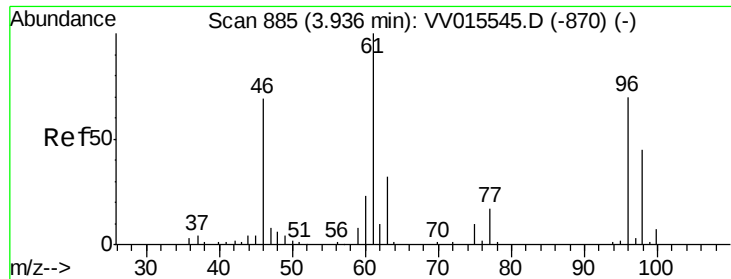
Tgt Ion: 76 Resp: 7524

Ion Ratio Lower Upper

76 100

78 12.6 7.3 10.9#





#22

cis-1,2-Dichloroethene

Concen: 0.253 ug/L

RT: 3.94 min Scan# 886

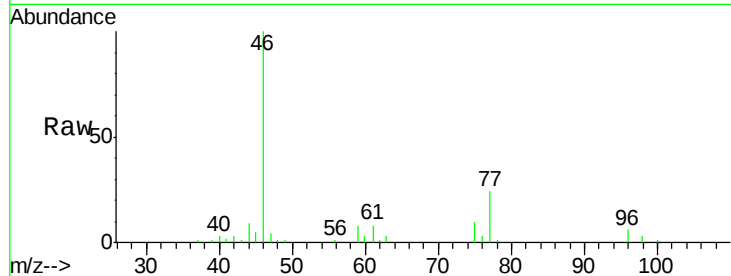
Delta R.T. 0.00 min

Lab File: VV015561.D

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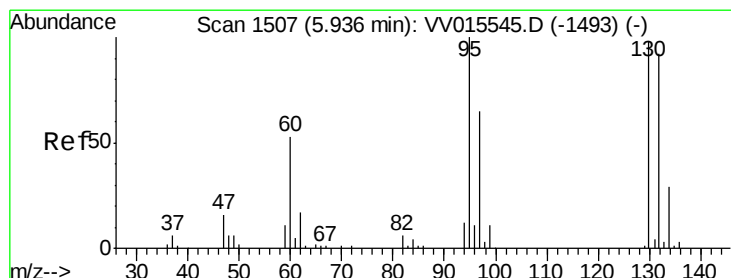
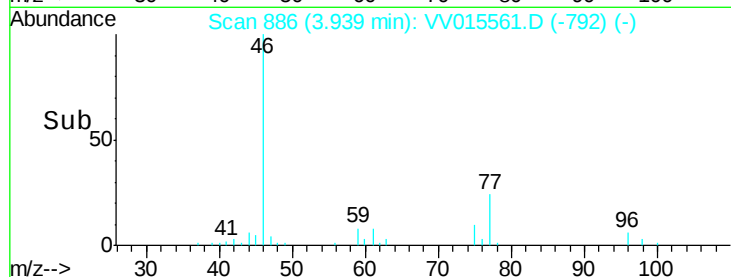
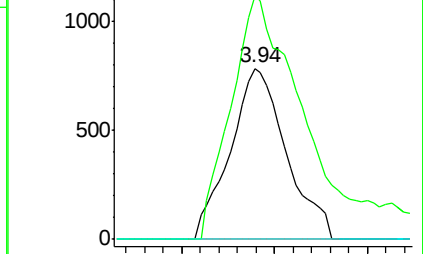
Tot Ion:	96	Resp:	1651
Ion	Ratio	Lower	Upper
96	100		
61	142.7	100.0	185.8
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015545.D (-870) (-)

Ion 61.05 (60.75 to 61.75): VV015545.D (-870) (-)

Ion 68.15 (67.85 to 68.85): VV015545.D (-870) (-)



#34

Trichloroethene

Concen: 0.465 ug/L

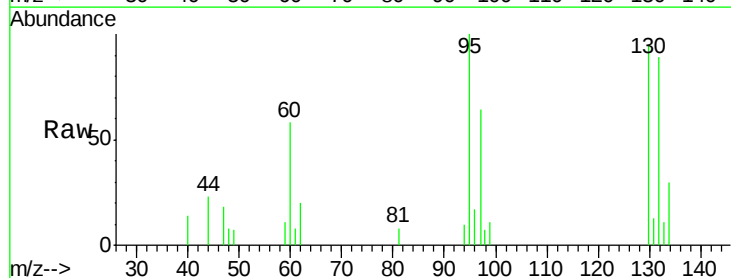
RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015561.D

Acq: 17 Apr 2020 17:36

Tgt Ion:	95	Resp:	3133
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.4	84.4
132	88.7	64.8	120.4
130	94.7	67.4	125.2

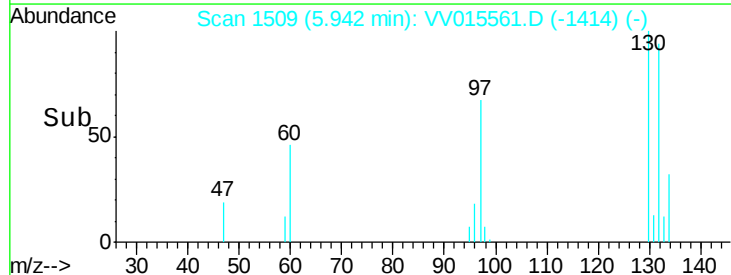
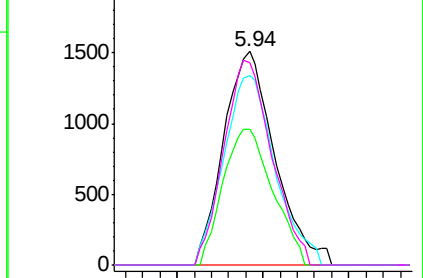


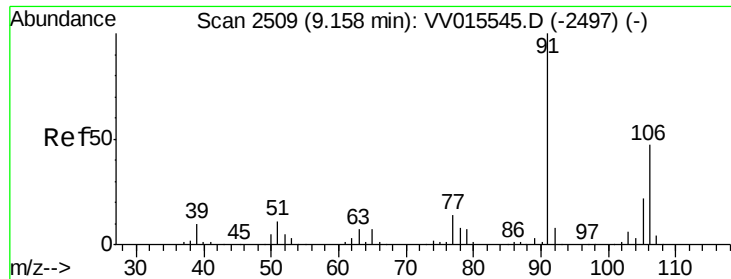
Abundance Ion 95.00 (94.70 to 95.70): VV015545.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV015545.D (-1493) (-)

Ion 131.95 (131.65 to 132.65): VV015545.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV015545.D (-1493) (-)





#53

m,p-xylene

Concen: 0.083 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015561.D

Acq: 17 Apr 2020 17:36

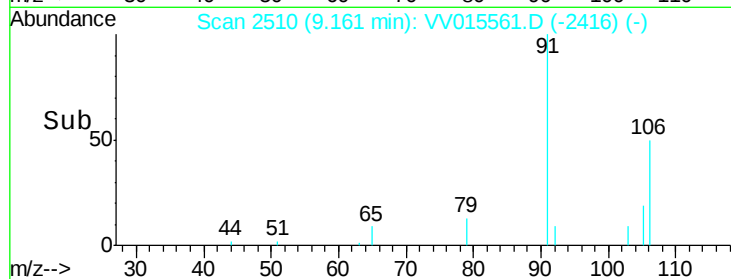
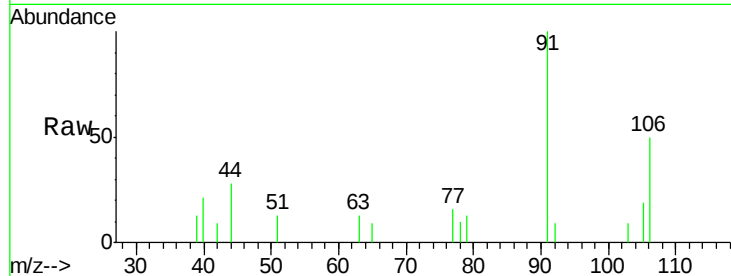
Instrument :
MSVOA_V
ClientSampleId :
C0AB3

Tot Ion:106 Resp: 981

Ion Ratio Lower Upper

106 100

91 198.8 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

