

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016067.D
 Acq On : 14 May 2020 15:25
 Operator : SY/MD
 Sample : L2598-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4241

Quant Time: May 15 07:40:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	148820	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147656	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67177	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42743	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.58	69	41873	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	64957	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.93	46	123173	53.48	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.96%
24) Chloroform-d	4.38	84	92036	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.06	65	52390	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.08	84	177261	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.10	67	56536	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.34	98	157430	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
45) trans-1,3-Dichloropropene-	7.65	79	18421	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
48) 2-Hexanone-d5	8.12	63	96237	52.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40592	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	58226	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

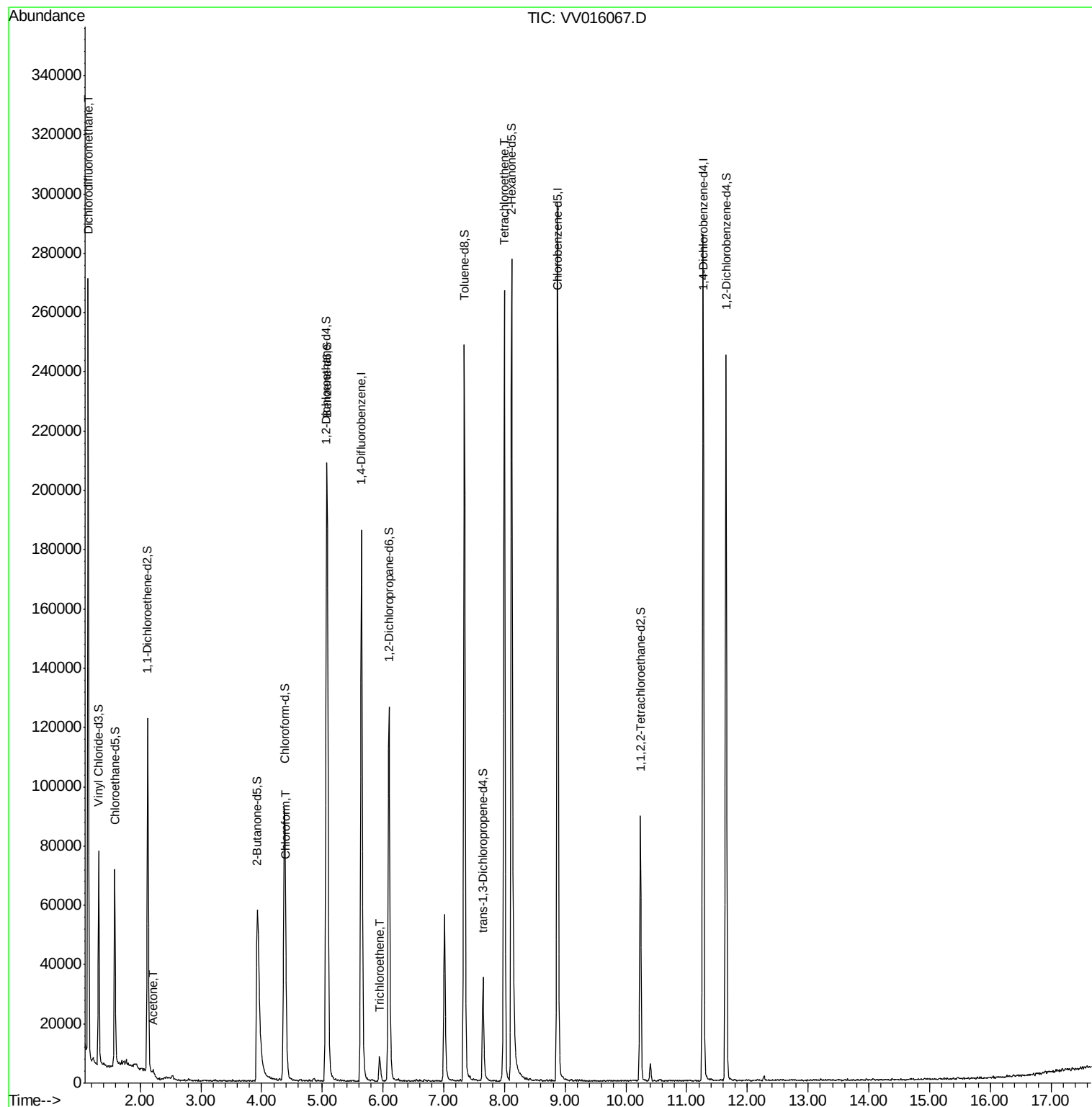
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.15	85	2946	0.258	ug/L	100
13) Acetone	2.21	43	5354	3.524	ug/L	76
25) Chloroform	4.41	83	6983	0.364	ug/L	96
34) Trichloroethene	5.95	95	2775	0.262	ug/L	94
49) Tetrachloroethene	8.00	164	54501	7.366	ug/L	99

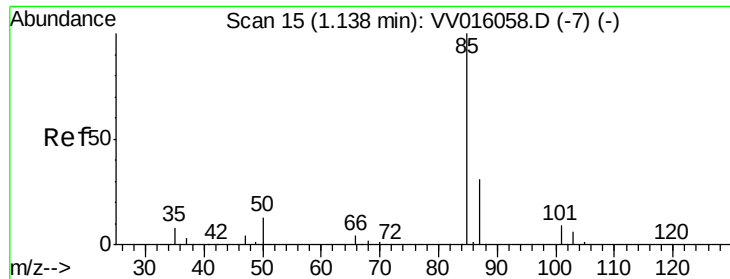
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.258 ug/L

RT: 1.15 min Scan# 17

Delta R.T. 0.01 min

Lab File: VV016067.D

Acq: 14 May 2020 15:25

Instrument :

MSVOA_V

ClientSampleId :

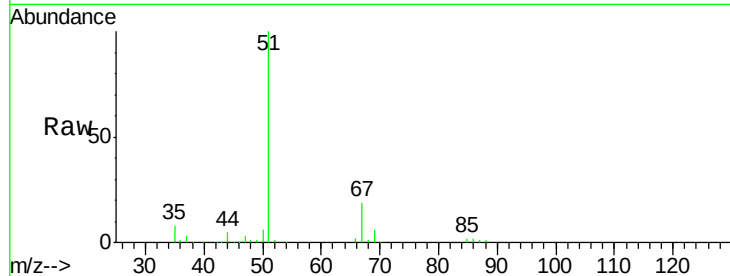
H4241

Tot Ion: 85 Resp: 2946

Ion Ratio Lower Upper

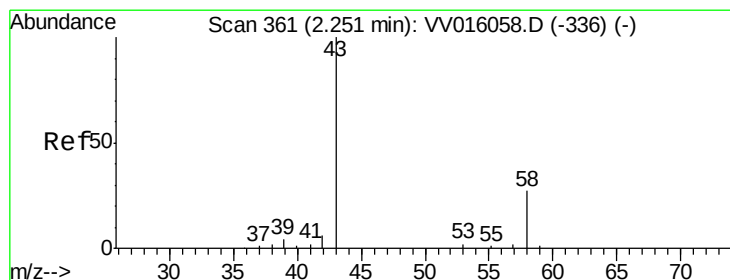
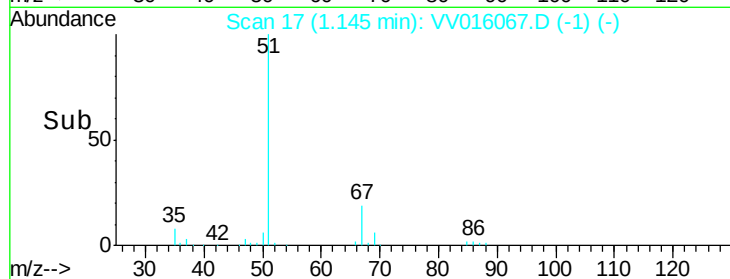
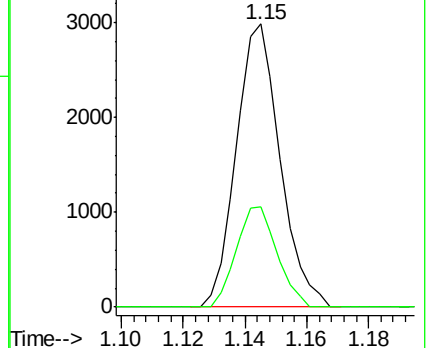
85 100

87 33.0 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 3.524 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.04 min

Lab File: VV016067.D

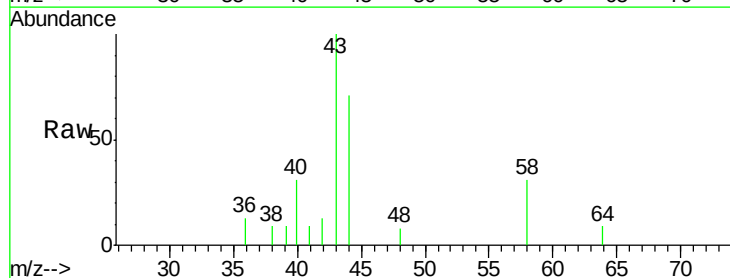
Acq: 14 May 2020 15:25

Tgt Ion: 43 Resp: 5354

Ion Ratio Lower Upper

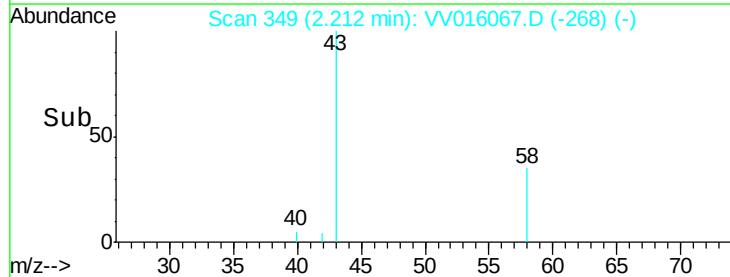
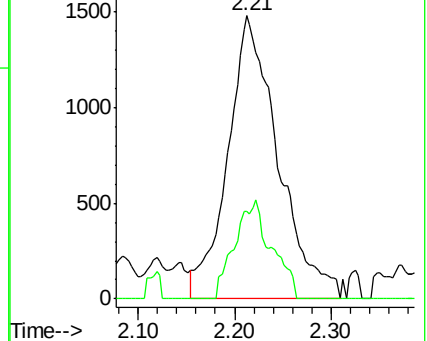
43 100

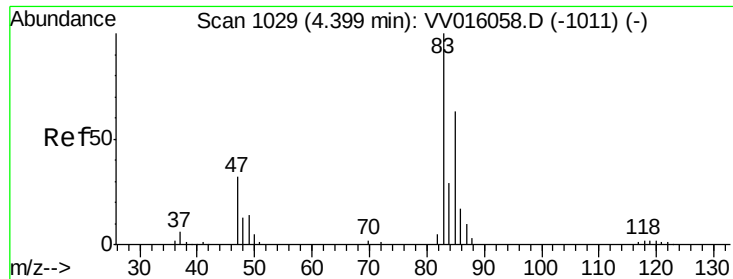
58 25.6 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

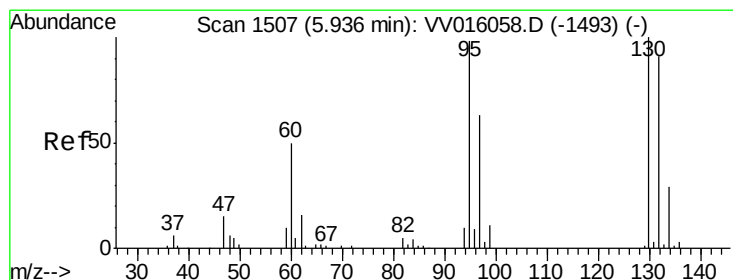
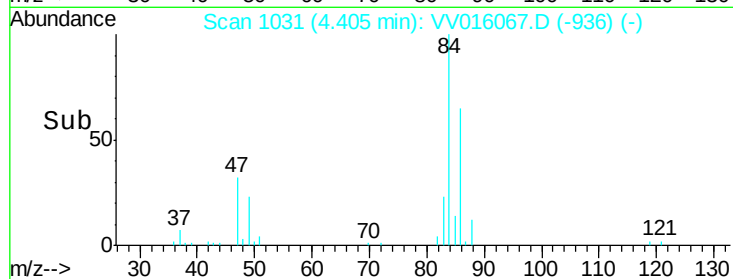
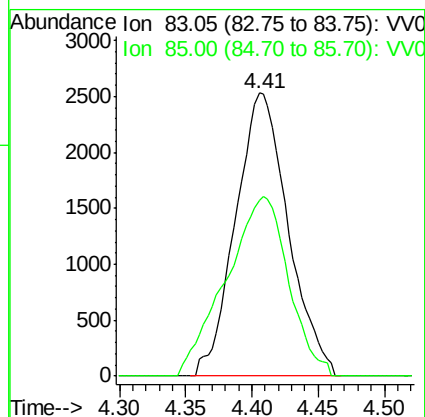
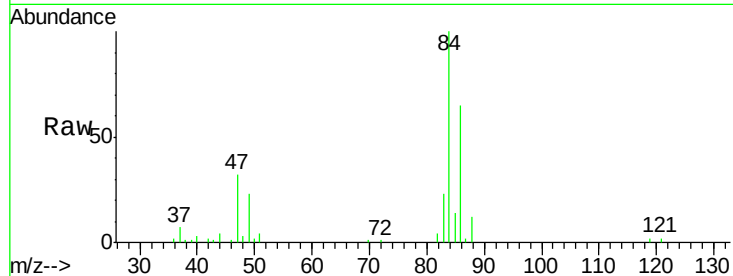




#25
Chloroform
Concen: 0.364 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016067.D
Acq: 14 May 2020 15:25

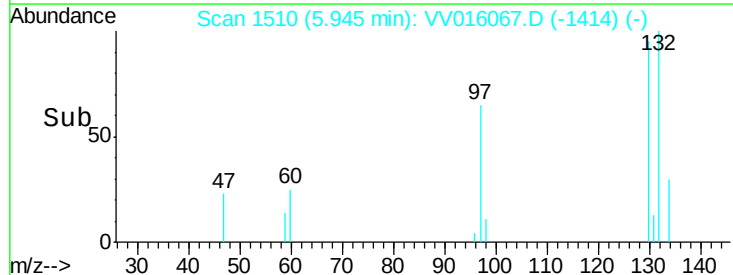
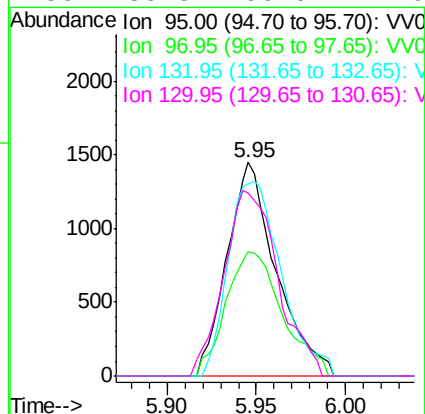
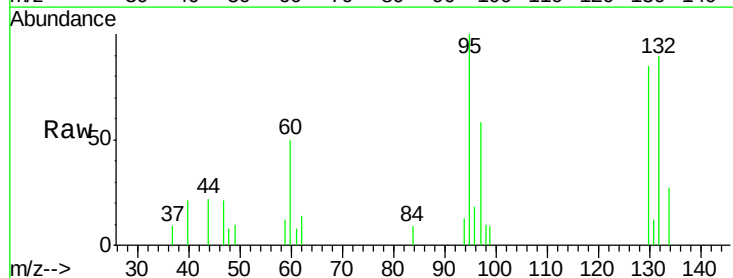
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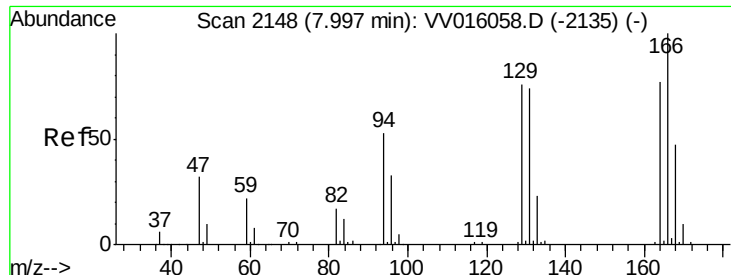
Tot Ion: 83 Resp: 6983
Ion Ratio Lower Upper
83 100
85 62.3 45.7 84.9



#34
Trichloroethene
Concen: 0.262 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV016067.D
Acq: 14 May 2020 15:25

Tgt Ion: 95 Resp: 2775
Ion Ratio Lower Upper
95 100
97 58.0 43.3 80.5
132 89.8 60.3 112.1
130 85.5 66.0 122.6





#49

Tetrachloroethene

Concen: 7.366 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016067.D

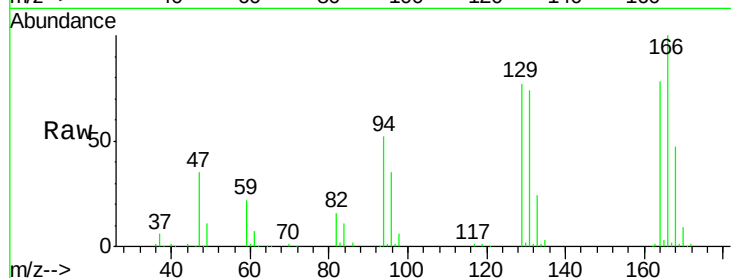
Acq: 14 May 2020 15:25

Instrument :

MSVOA_V

ClientSampleId :

H4241



Tot Ion:164 Resp: 54501

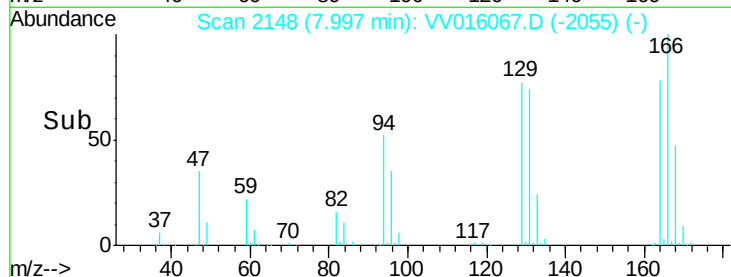
Ion Ratio Lower Upper

164 100

129 98.1 69.7 129.4

131 94.0 66.8 124.2

166 127.5 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

