

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120420\
 Data File : VU041468.D
 Acq On : 04 Dec 2020 14:13
 Operator : SY/MD
 Sample : L4944-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP6

Quant Time: Dec 05 06:30:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 05:22:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52301	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13198	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.92	69	12202	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.58	63	24074	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.66	46	53519	53.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.26%
24) Chloroform-d	5.08	84	37261	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.72	65	25859	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.74	84	58184	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	16658	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.90	98	54333	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.19	79	9944	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.64	63	42378	51.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	18420	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	25934	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

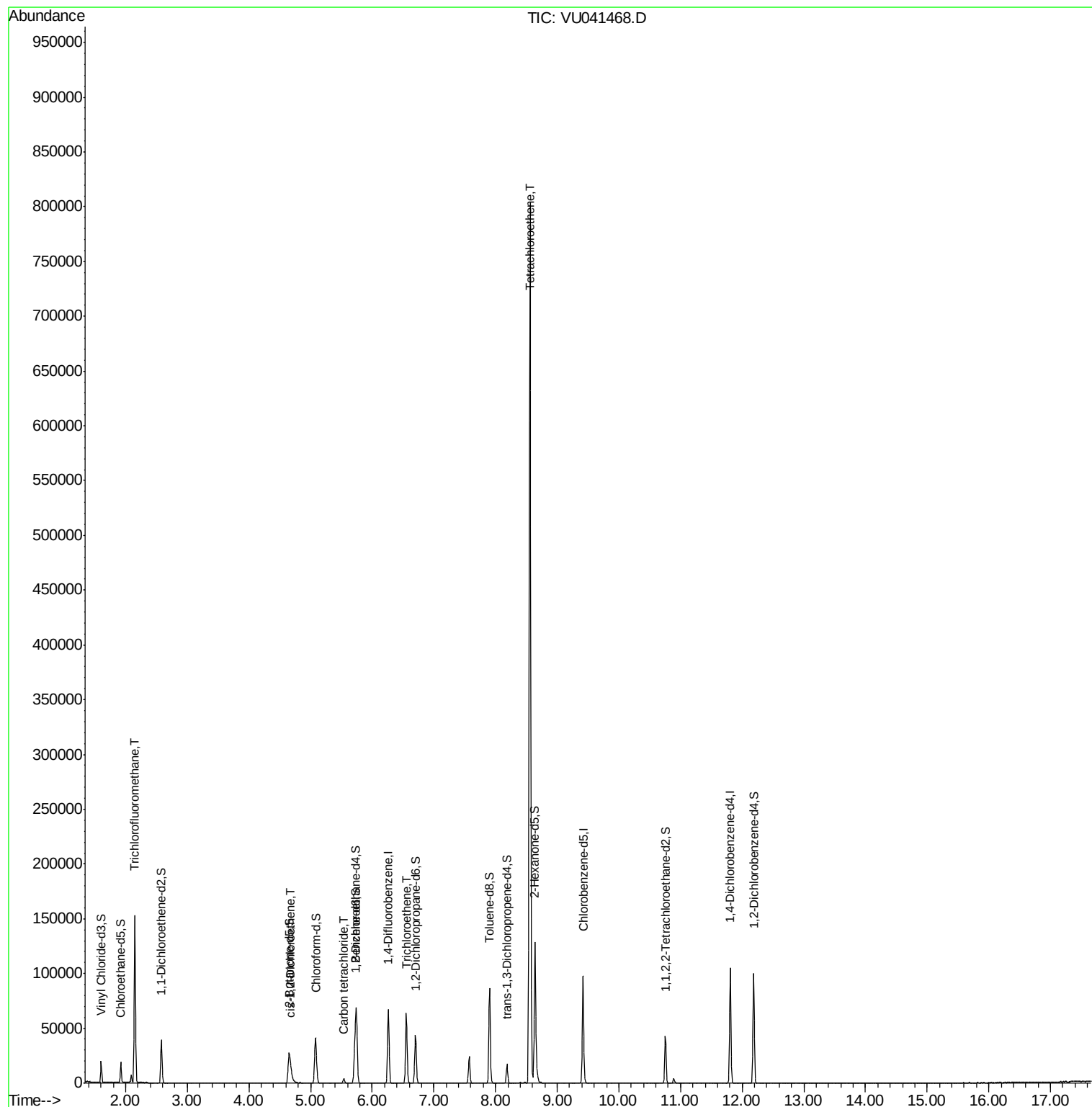
					Ovalue
9) Trichlorofluoromethane	2.15	101	100327	12.620 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	741	0.216 ug/L	94
31) Carbon tetrachloride	5.54	117	2740	0.403 ug/L	86
34) Trichloroethene	6.55	95	21105	5.515 ug/L	95
47) Tetrachloroethene	8.56	164	160777	53.196 ug/L	96

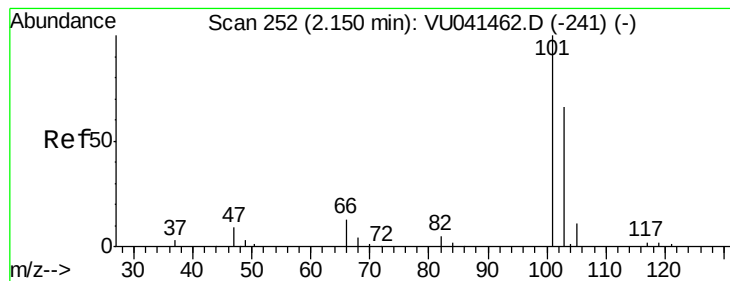
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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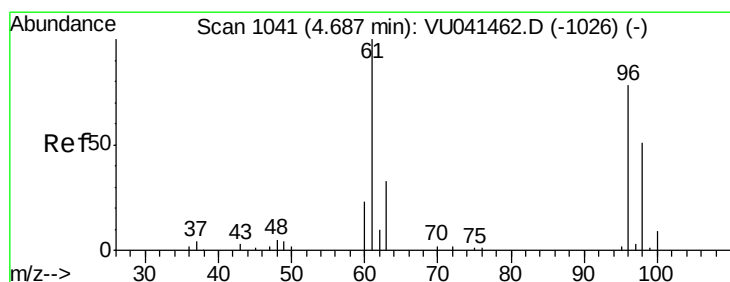
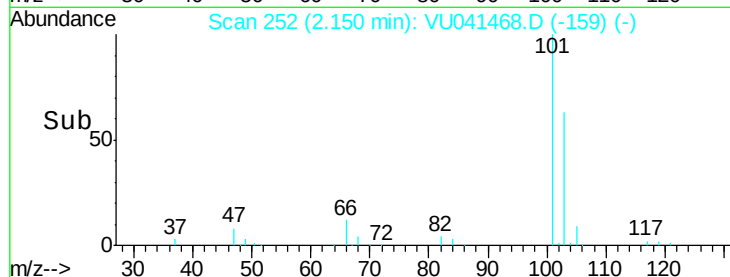
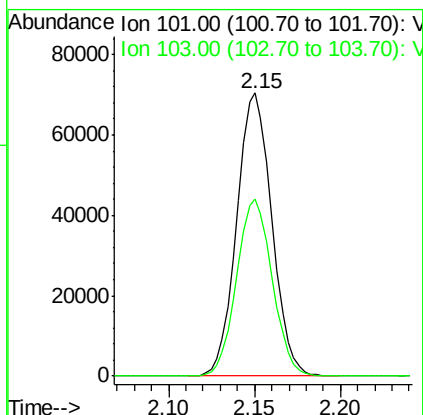
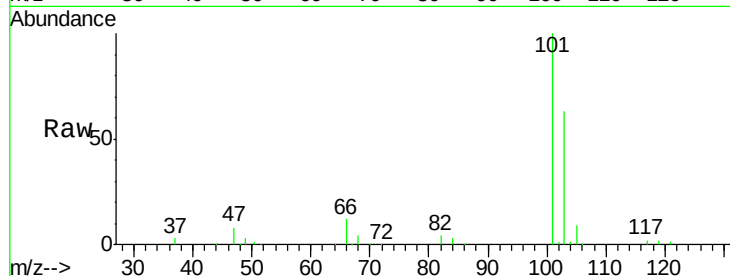


#9

Trichlorofluoromethane
 Concen: 12.620 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU041468.D
 Acq: 04 Dec 2020 14:13

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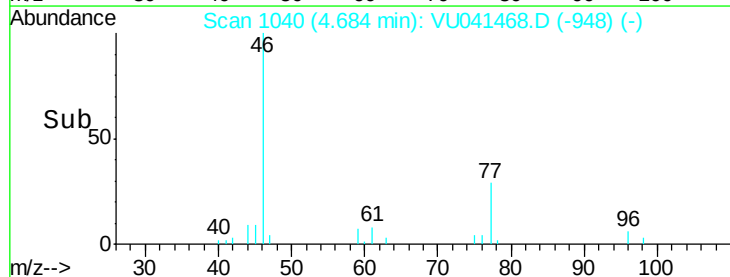
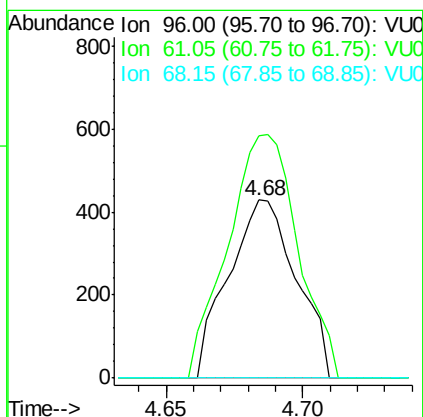
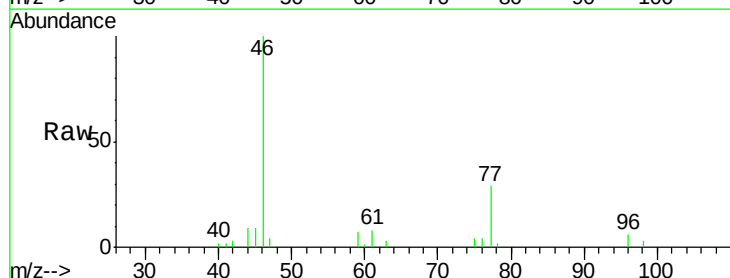
Tot Ion:101 Resp: 100327
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.0

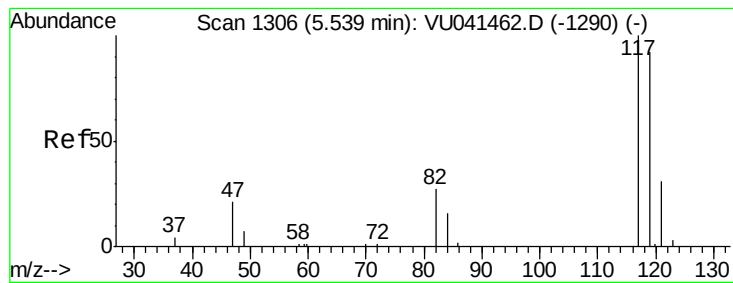


#22

cis-1,2-Dichloroethene
 Concen: 0.216 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU041468.D
 Acq: 04 Dec 2020 14:13

Tgt Ion: 96 Resp: 741
 Ion Ratio Lower Upper
 96 100
 61 136.4 90.5 168.1
 68 0.0 0.0 0.0





#31

Carbon tetrachloride

Concen: 0.403 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU041468.D

Acq: 04 Dec 2020 14:13

Instrument :

MSVOA_U

ClientSampleId :

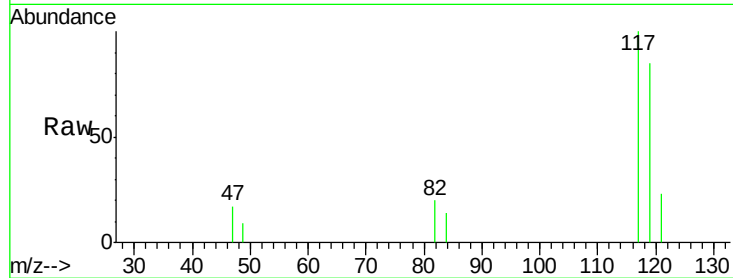
C0AP6

Tot Ion:117 Resp: 2740

Ion Ratio Lower Upper

117 100

119 82.8 77.2 115.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.54

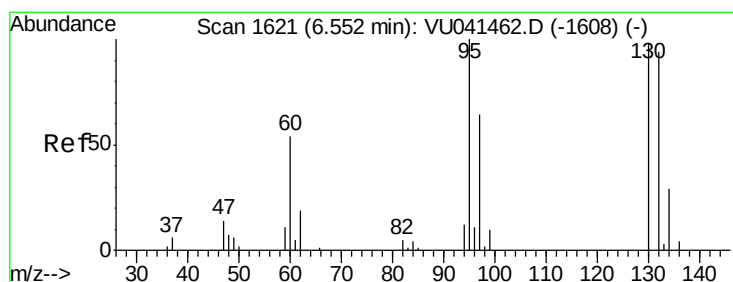
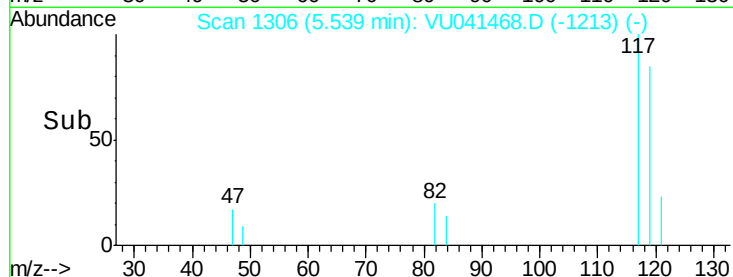
1500

1000

500

0

Time-->



#34

Trichloroethene

Concen: 5.515 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041468.D

Acq: 04 Dec 2020 14:13

Tgt Ion: 95 Resp: 21105

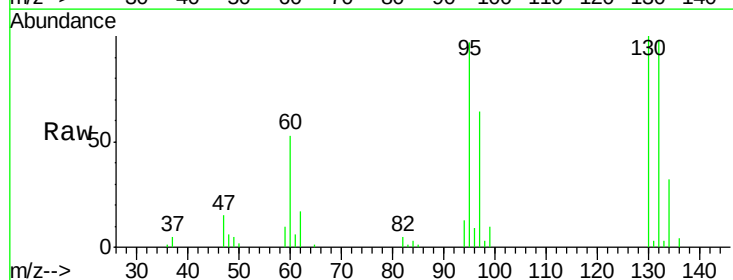
Ion Ratio Lower Upper

95 100

97 65.9 44.7 83.1

132 101.0 65.7 121.9

130 102.6 68.8 127.8



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

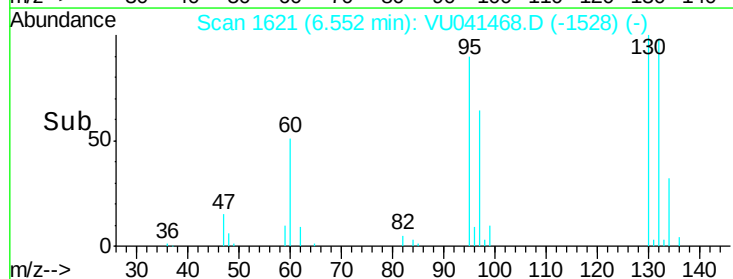
15000

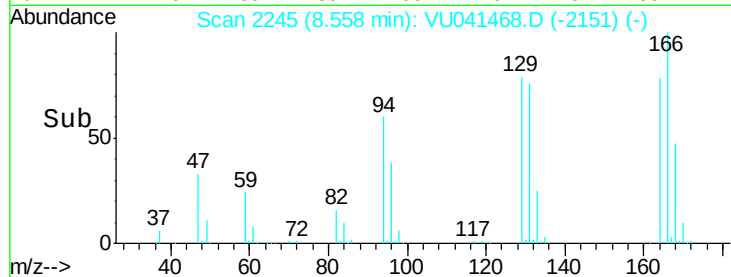
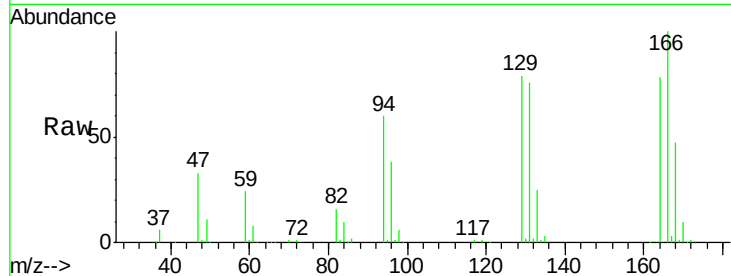
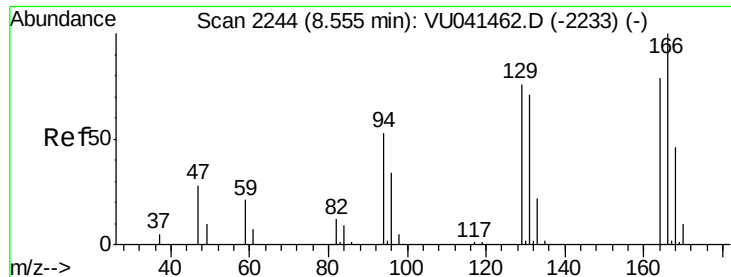
10000

5000

0

Time-->





#47

Tetrachloroethene

Concen: 53.196 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041468.D

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Tot Ion:164 Resp: 160777

Ion Ratio Lower Upper

164 100

129 101.1 67.1 124.7

131 97.5 63.3 117.7

166 127.6 88.8 164.8

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

