

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120420\
 Data File : VU041469.D
 Acq On : 04 Dec 2020 14:37
 Operator : SY/MD
 Sample : L4944-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP7

Quant Time: Dec 05 06:32:47 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	55582	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	12581	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.92	69	11969	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.58	63	24617	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.65	46	52687	49.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.44%
24) Chloroform-d	5.08	84	37233	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	25174	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	58158	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.70	67	16608	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.90	98	53577	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.19	79	9821	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.64	63	41272	49.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	17975	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	23778	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

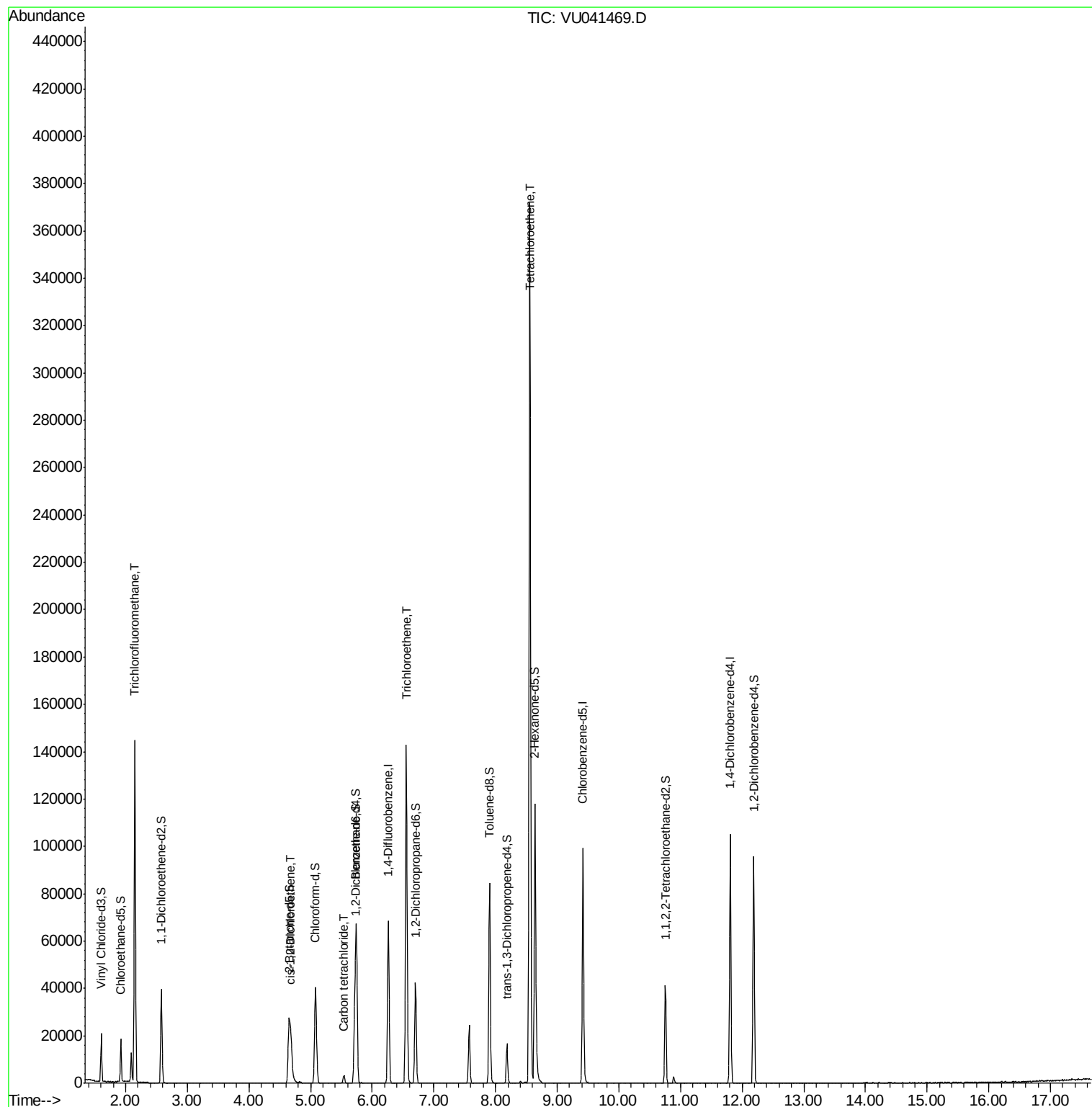
					Ovalue
9) Trichlorofluoromethane	2.15	101	93439	11.060	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	4086	1.121	ug/L 95
31) Carbon tetrachloride	5.54	117	2267	0.328	ug/L 98
34) Trichloroethene	6.55	95	46162	11.879	ug/L 97
47) Tetrachloroethene	8.56	164	78171	25.469	ug/L 97

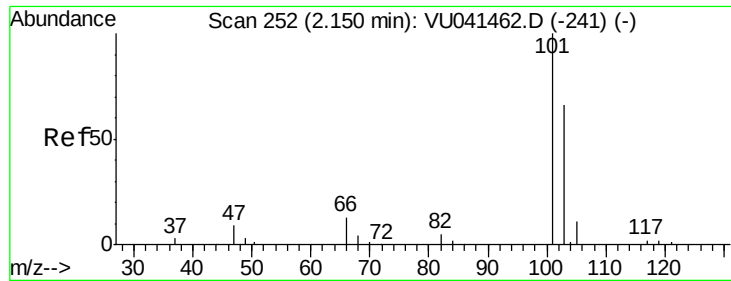
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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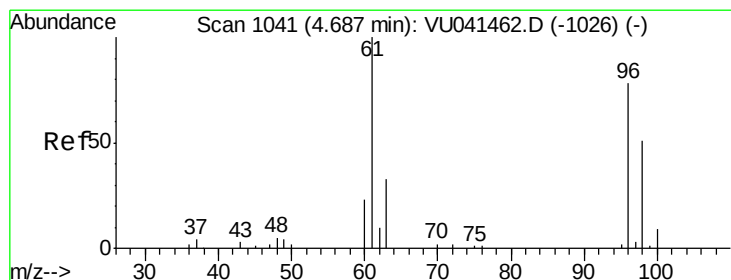
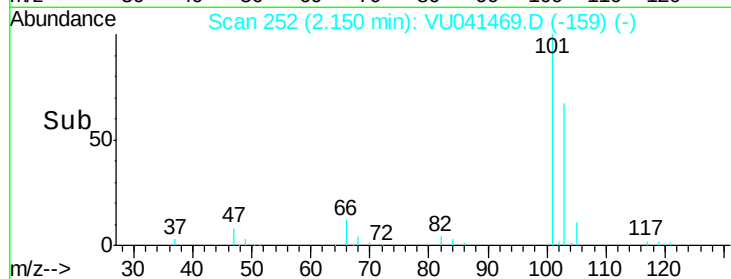
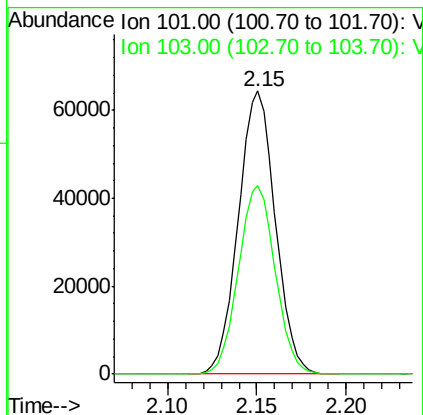
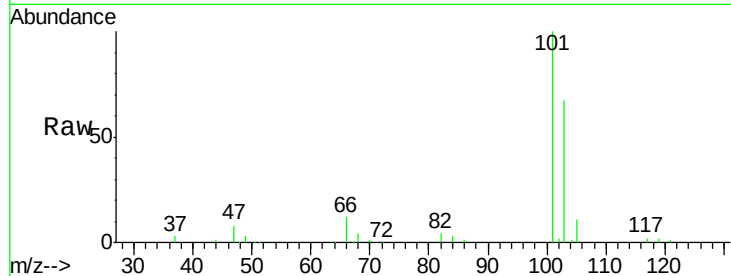


#9

Trichlorofluoromethane
Concen: 11.060 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU041469.D
Acq: 04 Dec 2020 14:37

Instrument :
MSVOA_U
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C0AP7

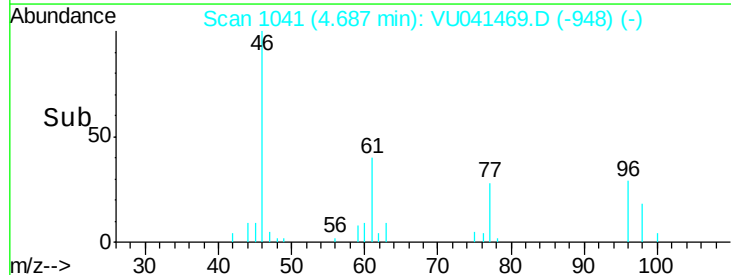
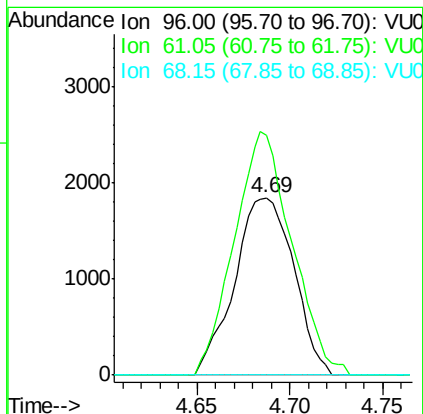
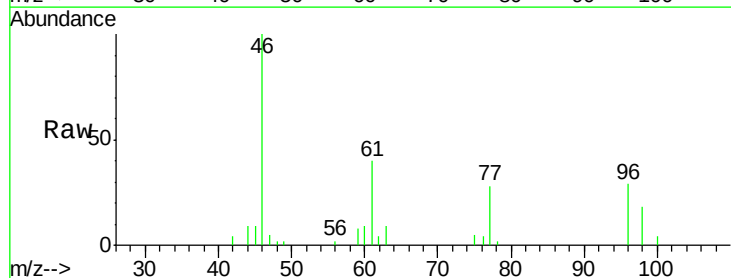
Tot Ion:101 Resp: 93439
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.0

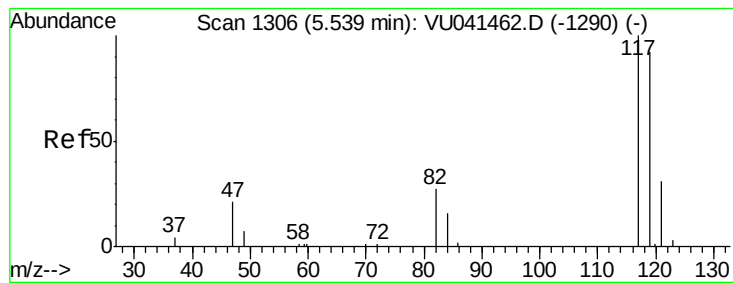


#22

cis-1,2-Dichloroethene
Concen: 1.121 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041469.D
Acq: 04 Dec 2020 14:37

Tgt Ion: 96 Resp: 4086
Ion Ratio Lower Upper
96 100
61 135.2 90.5 168.1
68 0.0 0.0 0.0





#31

Carbon tetrachloride

Concen: 0.328 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU041469.D

Acq: 04 Dec 2020 14:37

Instrument :

MSVOA_U

ClientSampleId :

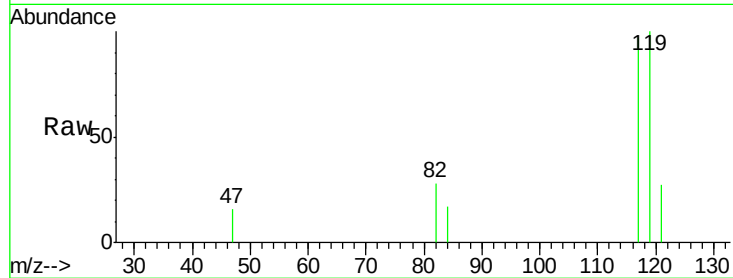
C0AP7

Tot Ion:117 Resp: 2267

Ion Ratio Lower Upper

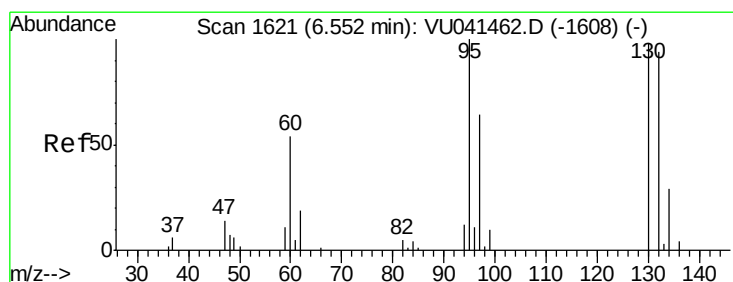
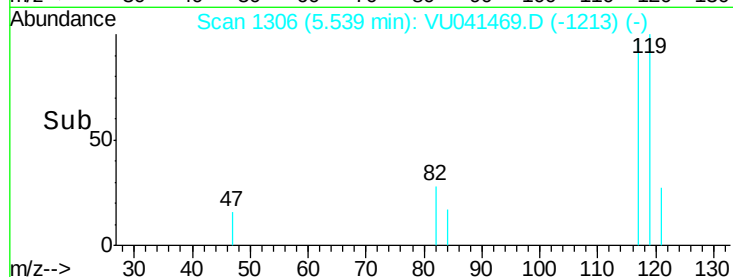
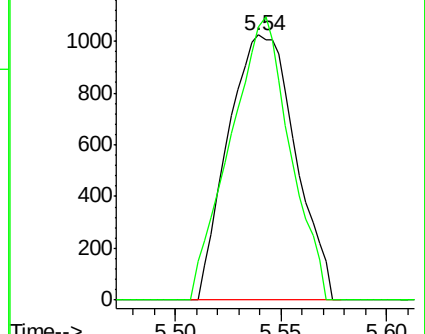
117 100

119 94.8 77.2 115.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 11.879 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041469.D

Acq: 04 Dec 2020 14:37

Tgt Ion: 95 Resp: 46162

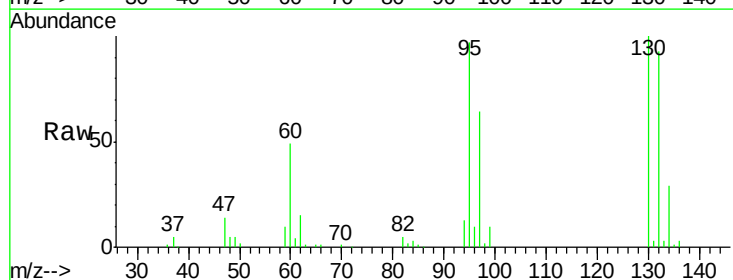
Ion Ratio Lower Upper

95 100

97 65.9 44.7 83.1

132 95.4 65.7 121.9

130 102.6 68.8 127.8

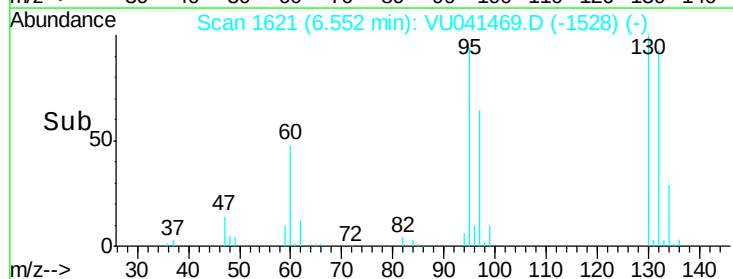
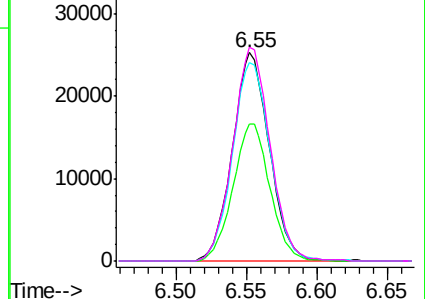


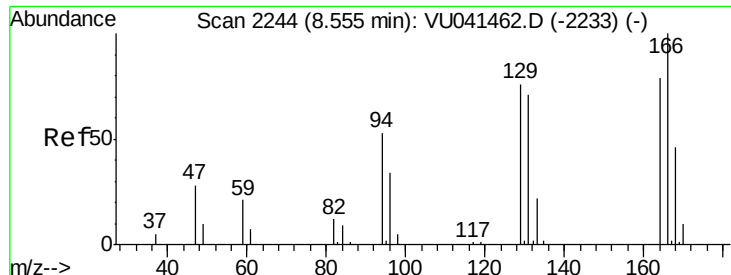
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 25.469 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041469.D

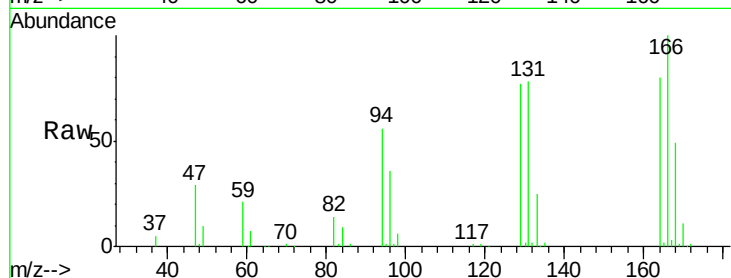
Acq: 04 Dec 2020 14:37

Instrument :

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ClientSampleId :

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Tot Ion:164 Resp: 78171

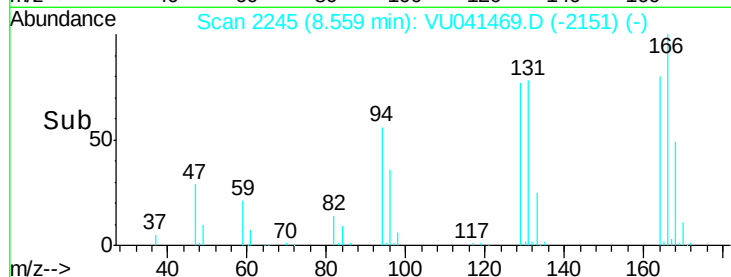
Ion Ratio Lower Upper

164 100

129 96.5 67.1 124.7

131 97.6 63.3 117.7

166 124.8 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

