

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052019\
 Data File : VU032155.D
 Acq On : 20 May 2019 15:17
 Operator : JC/SP
 Sample : K2860-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W38

Manual Integrations
 APPROVED

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 5/21/2019 11:11:07 AM

Quant Time: May 21 08:25:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 06:39:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	350499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109939	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.68	69	94616	3.75	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.00%
11) 1,1-Dichloroethene-d2	2.27	63	156109	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.20	46	253126	43.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.34%
24) Chloroform-d	4.64	84	220596	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.31	65	115247	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.33	84	432687	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
36) 1,2-Dichloropropane-d6	6.33	67	133223	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.56	98	354776	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	7.85	79	43689	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.31	63	216403	40.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113733	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	141090	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.34	43	63202	33.213	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	4051	0.122	ug/L #	93
21) 2-Butanone	4.30	43	4801m	1.758	ug/L	
34) Trichloroethene	6.18	95	9070	0.585	ug/L	95
47) Tetrachloroethene	8.22	164	8596	0.742	ug/L	87

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

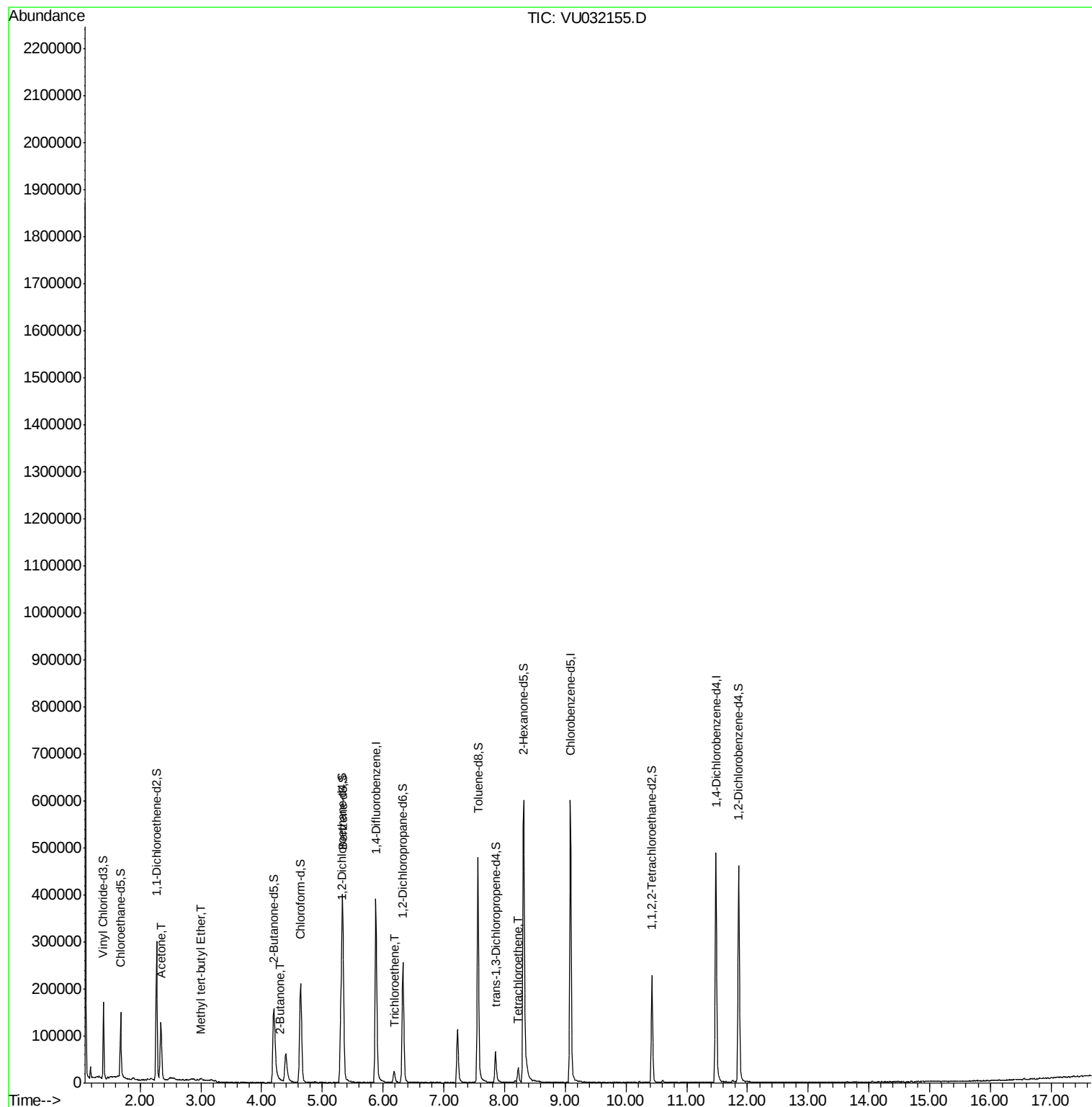
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052019\
Data File : VU032155.D
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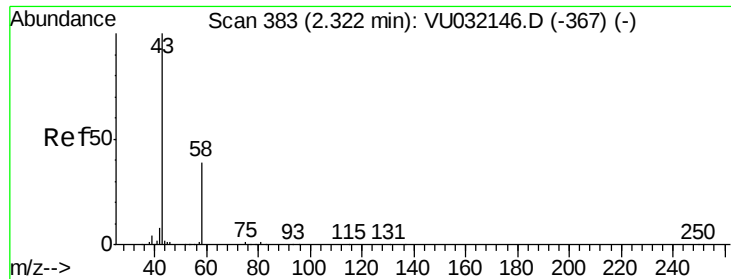
Instrument :
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Quant Time: May 21 08:25:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration





#13

Acetone

Concen: 33.213 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VU032155.D

Acq: 20 May 2019 15:17

Instrument :

MSVOA_U

ClientSampleId :

F9W38

Tot Ion: 43 Resp: 63202

Ion Ratio Lower Upper

43 100

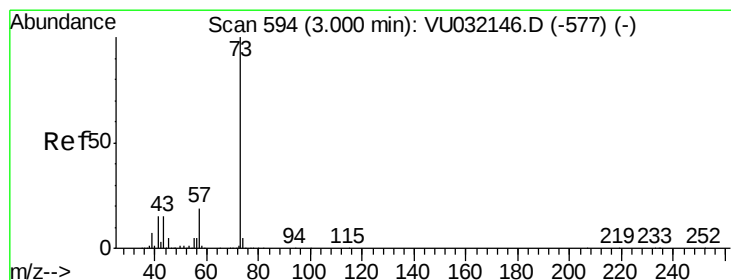
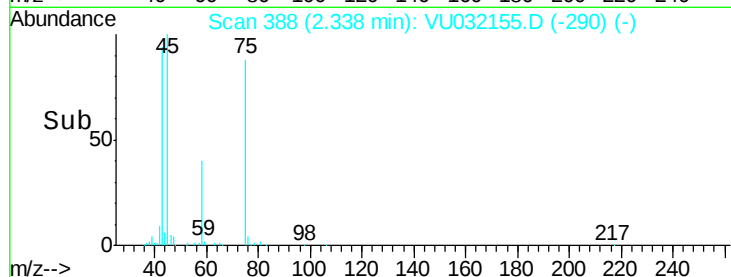
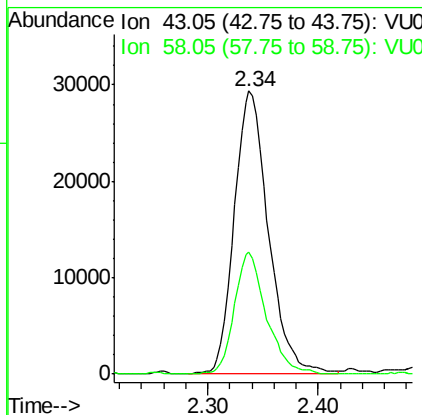
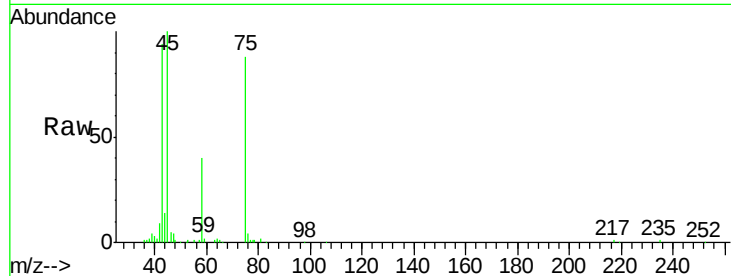
58 40.0 0.0 78.8

Manual Integrations

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#17

Methyl tert-butyl Ether

Concen: 0.122 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032155.D

Acq: 20 May 2019 15:17

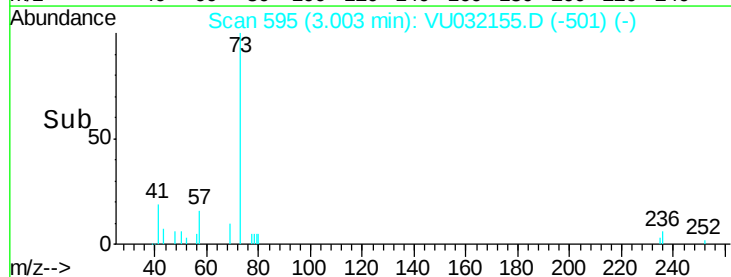
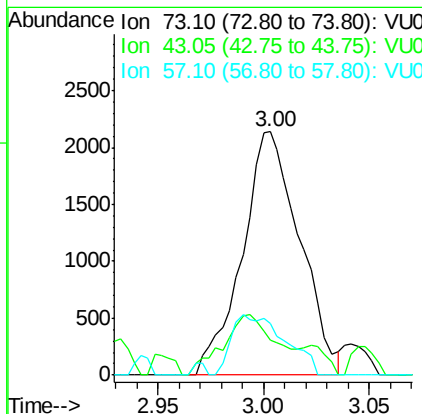
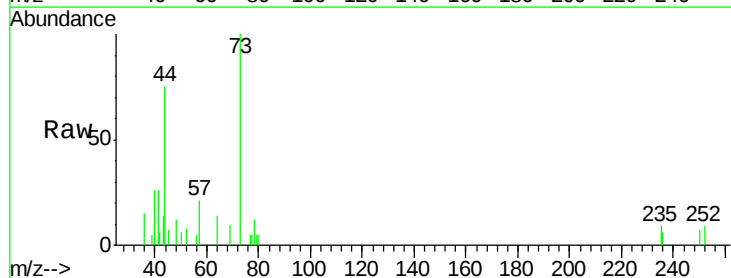
Tgt Ion: 73 Resp: 4051

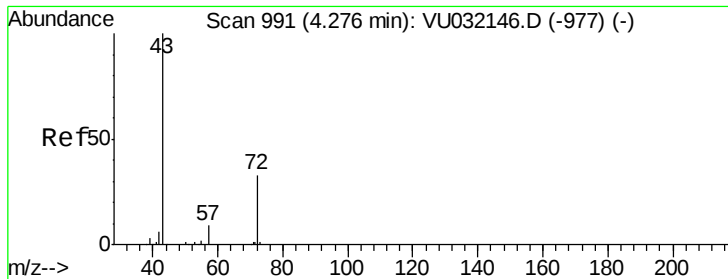
Ion Ratio Lower Upper

73 100

43 23.2 13.0 19.6#

57 22.9 17.9 26.9





#21

2-Butanone

Concen: 1.758 ug/L m

RT: 4.30 min Scan# 999

Delta R.T. 0.03 min

Lab File: VU032155.D

Acq: 20 May 2019 15:17

Instrument :

MSVOA_U

ClientSampleId :

F9W38

Tot Ion: 43 Resp: 4801

Ion Ratio Lower Upper

43 100

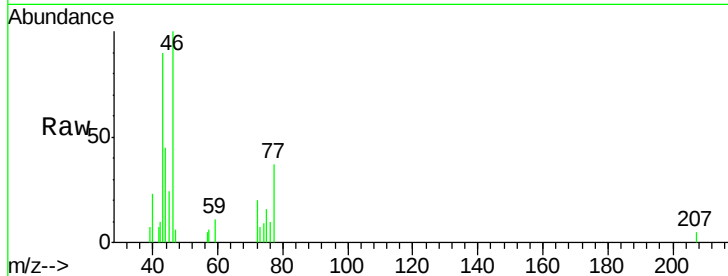
72 12.0 16.8 50.3#

Manual Integrations

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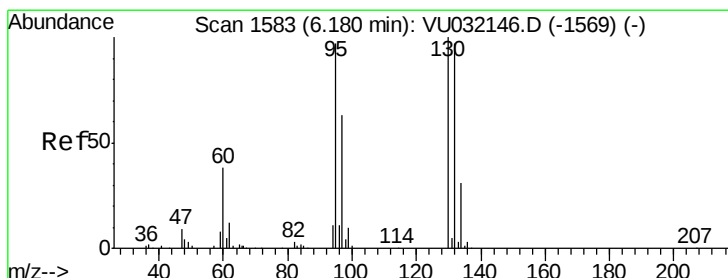
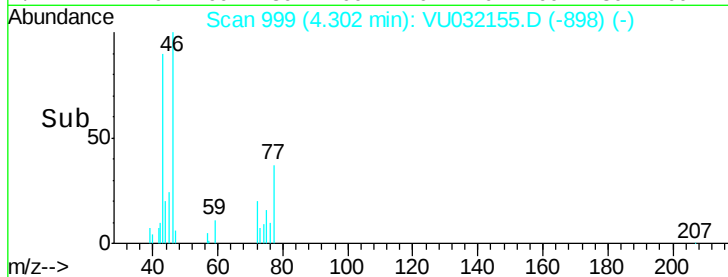
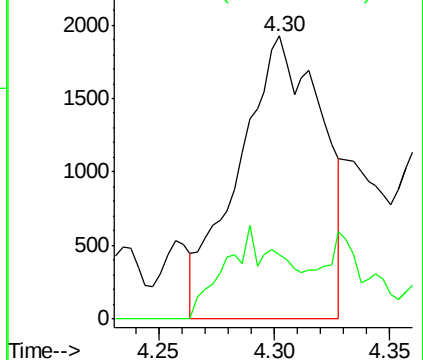
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Abundance Ion 43.05 (42.75 to 43.75): VU032146.D (-977) (-)

Ion 72.10 (71.80 to 72.80): VU032146.D (-977) (-)



#34

Trichloroethene

Concen: 0.585 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032155.D

Acq: 20 May 2019 15:17

Tgt Ion: 95 Resp: 9070

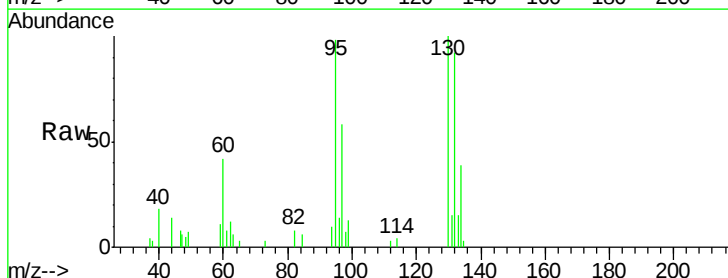
Ion Ratio Lower Upper

95 100

97 59.5 45.2 84.0

132 94.6 66.1 122.7

130 102.5 66.7 123.9

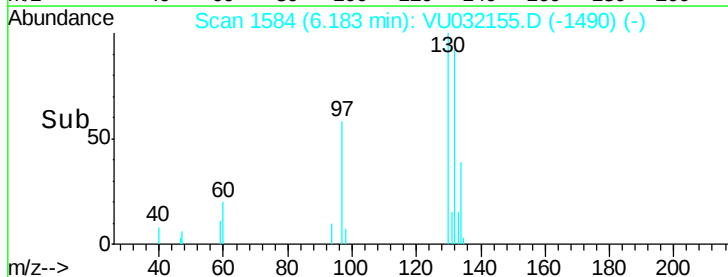
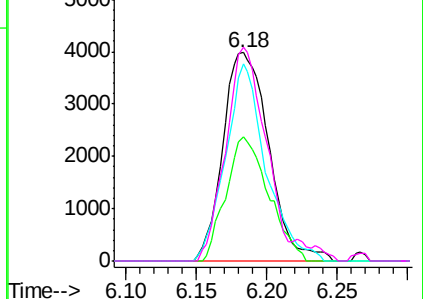


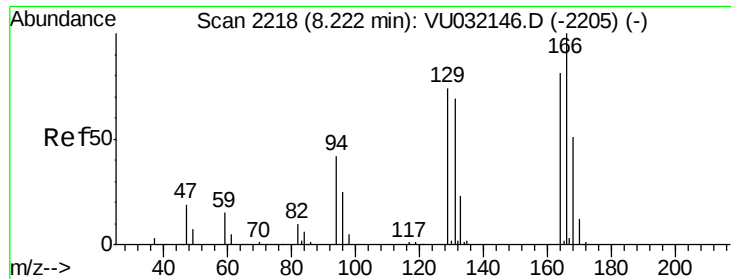
Abundance Ion 95.00 (94.70 to 95.70): VU032146.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032146.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU032146.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032146.D (-1569) (-)





#47
 Tetrachloroethene
 Concen: 0.742 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU032155.D
 Acq: 20 May 2019 15:17

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W38

Tot Ion:	164	Resp:	8596
Ion Ratio	Lower	Upper	
164	100		
129	92.1	70.3	130.5
131	72.6	64.5	119.9
166	117.7	92.3	171.5

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