

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040489.D
 Acq On : 03 Oct 2020 19:00
 Operator : SY/MD
 Sample : L4266-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS99

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 10:44:33 AM

Quant Time: Oct 05 02:53:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121687	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131640	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29556	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.93	69	25712	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	48468	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.66	46	132817	44.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.76%
24) Chloroform-d	5.08	84	64606	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.72	65	41664	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.75	84	121261	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.70	67	42957	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	103942	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.19	79	17504	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.64	63	109189	46.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.98%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	41230	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	43890	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	12436	1.039	ug/L 99
13) Acetone	2.67	43	5869	2.354	ug/L 81
34) Trichloroethene	6.56	95	30421	2.596	ug/L 94
42) Toluene	7.98	91	3335	0.074	ug/L 93
47) Tetrachloroethene	8.58	164	31206461m	3751.068	ug/L

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

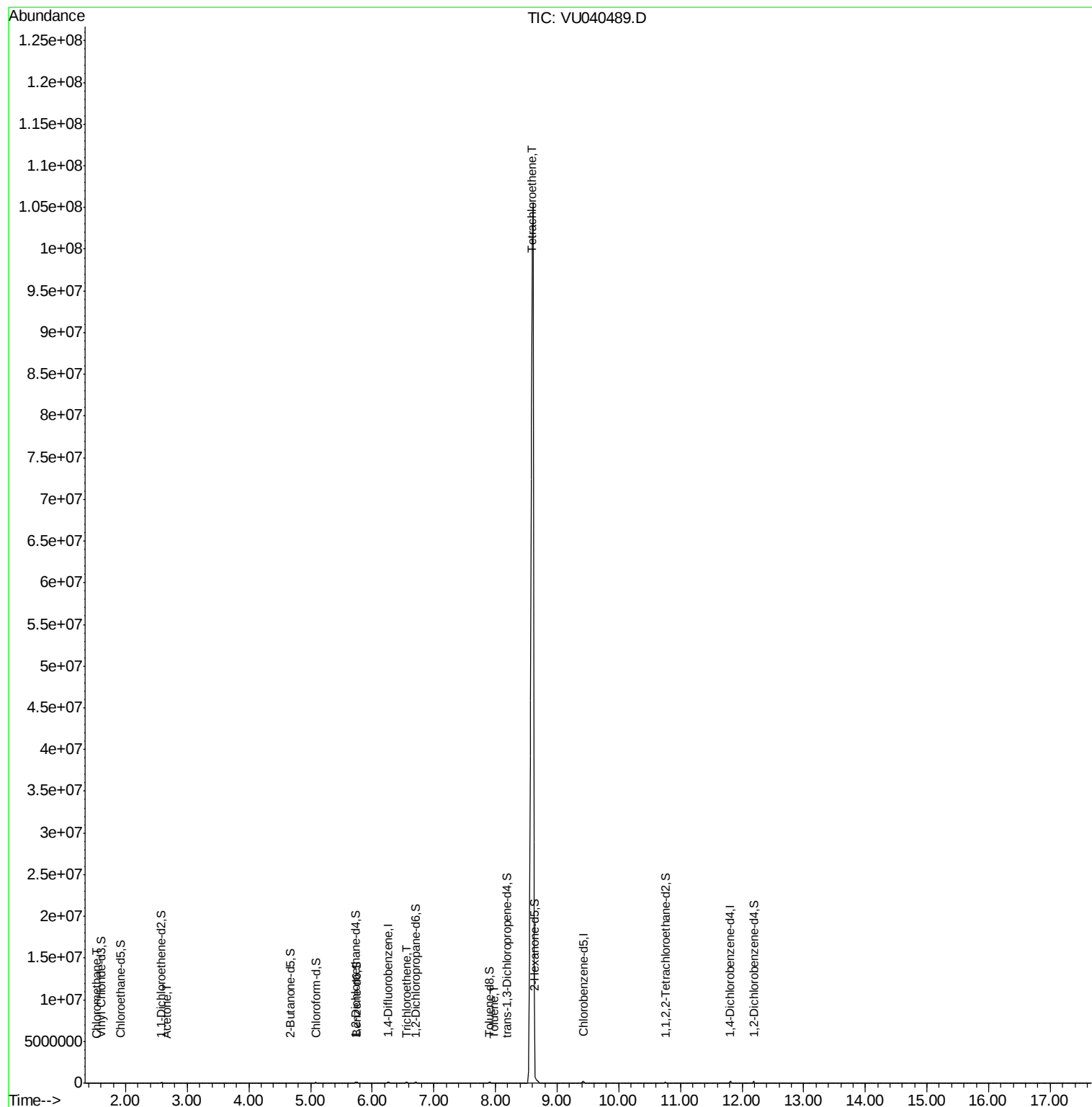
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040489.D
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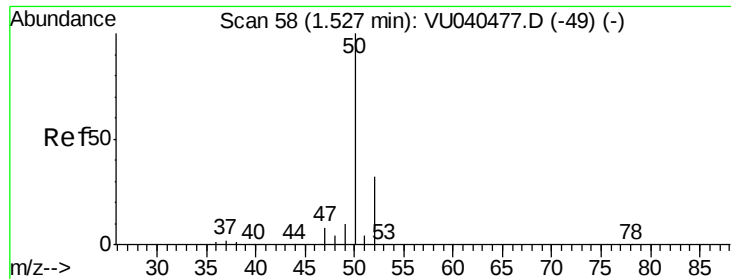
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.039 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040489.D

Acq: 03 Oct 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

BFS99

Tot Ion: 50 Resp: 12436

Ion Ratio Lower Upper

50 100

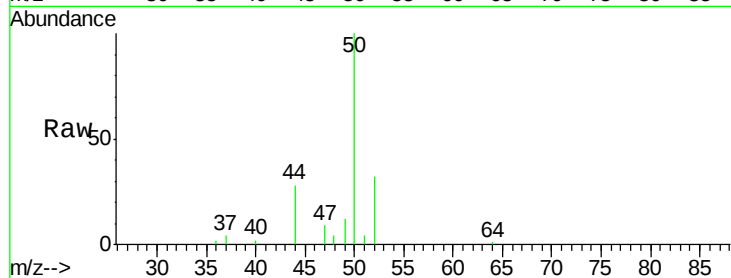
52 32.2 23.0 42.6

Manual Integrations

APPROVED

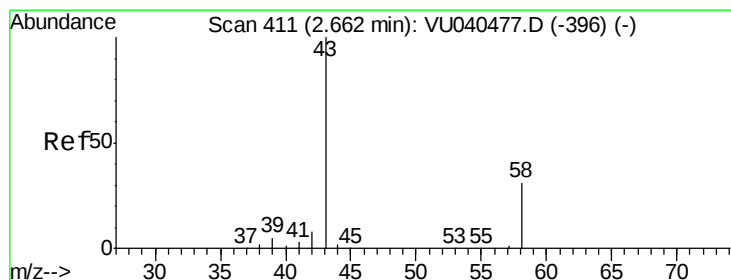
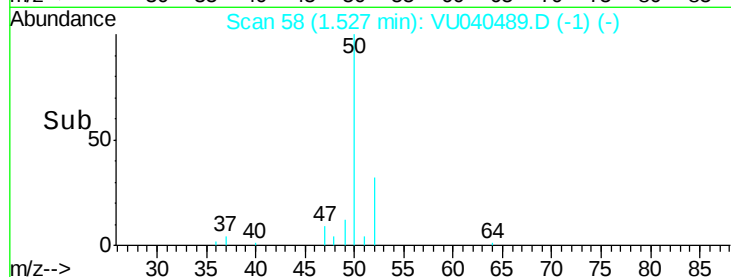
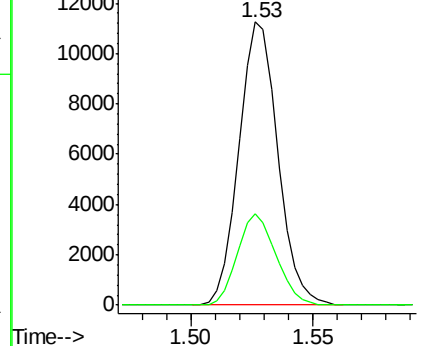
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Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 2.354 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU040489.D

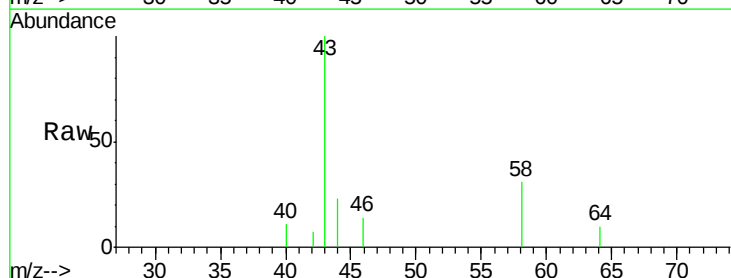
Acq: 03 Oct 2020 19:00

Tgt Ion: 43 Resp: 5869

Ion Ratio Lower Upper

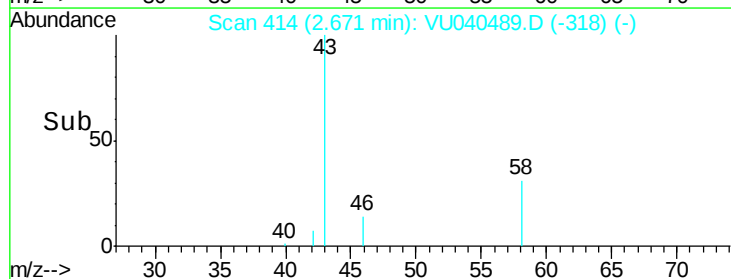
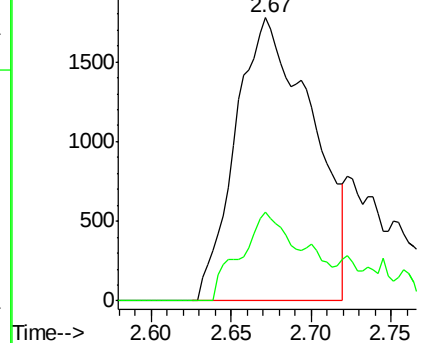
43 100

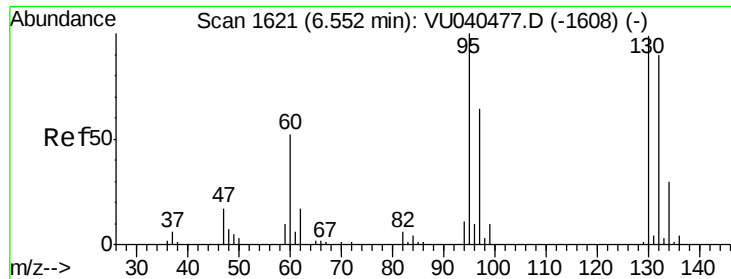
58 20.2 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





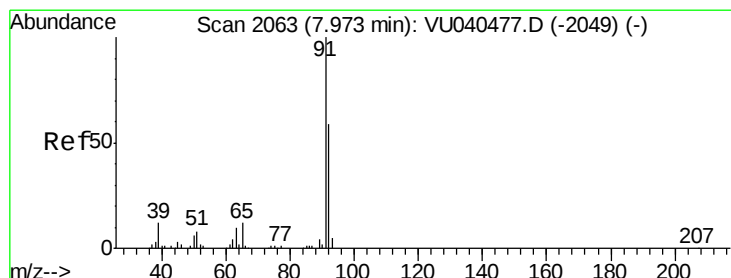
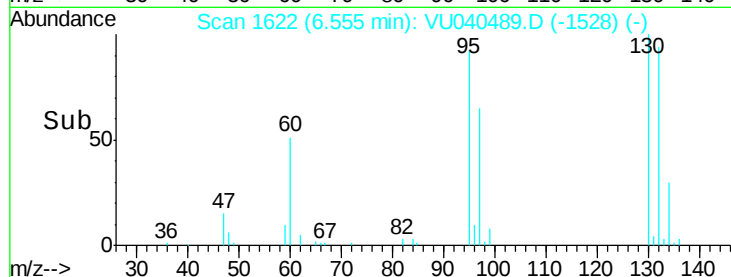
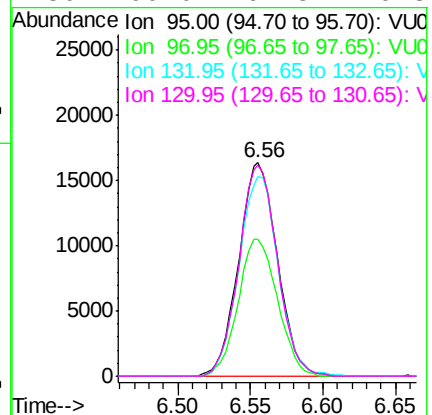
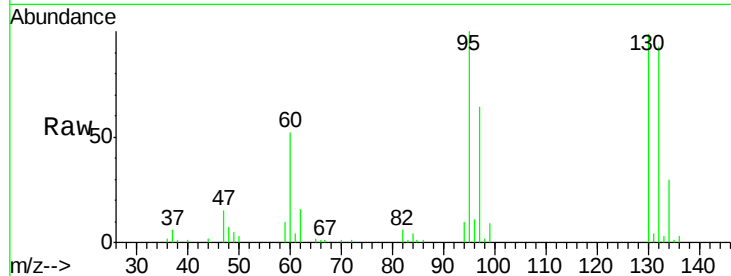
#34
 Trichloroethene
 Concen: 2.596 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040489.D
 Acq: 03 Oct 2020 19:00

Instrument :
 MSVOA_U
 ClientSampled :
 BFS99

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		30421		
97	64.4	46.3	85.9		
132	93.3	60.5	112.3		
130	99.0	64.3	119.3		

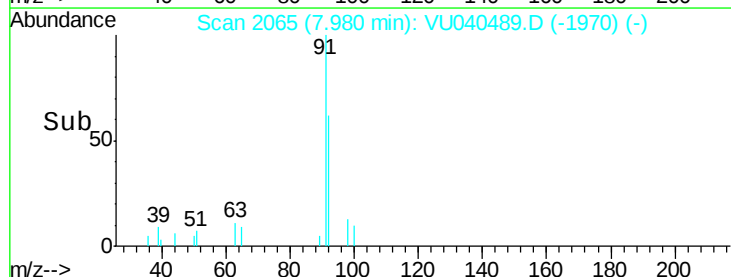
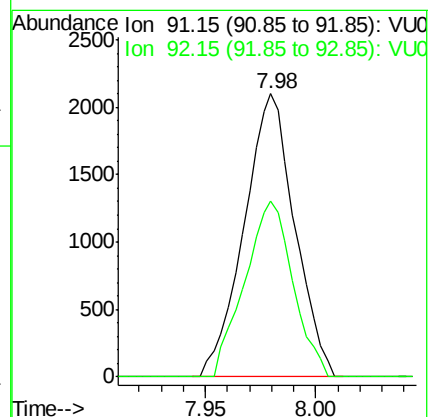
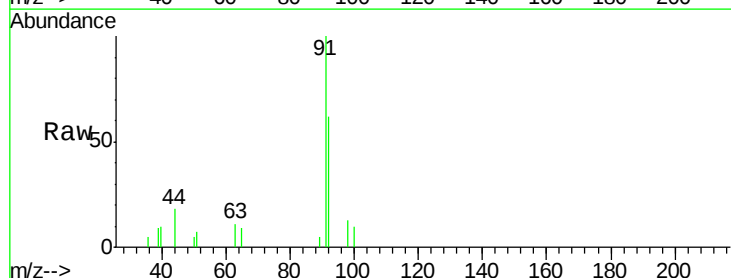
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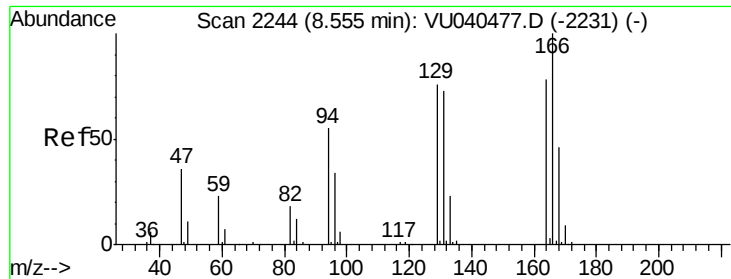
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#42
 Toluene
 Concen: 0.074 ug/L
 RT: 7.98 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VU040489.D
 Acq: 03 Oct 2020 19:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		3335		
92	62.0	40.0	74.4		





#47

Tetrachloroethene

Concen: 3751.068 ug/L m

RT: 8.58 min Scan# 2253

Delta R.T. 0.03 min

Lab File: VU040489.D

Acq: 03 Oct 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

BFS99

Tot Ion:164 Resp:31206461

Ion Ratio Lower Upper

164 100

129 100.0 70.3 130.7

131 100.0 69.2 128.6

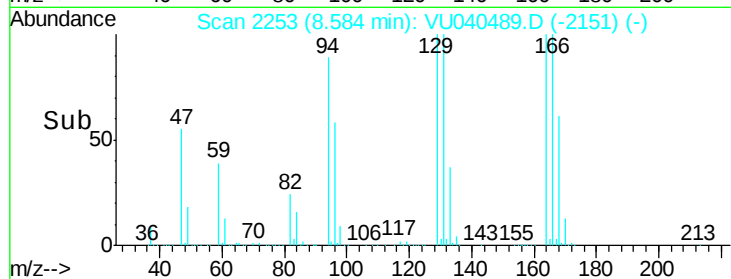
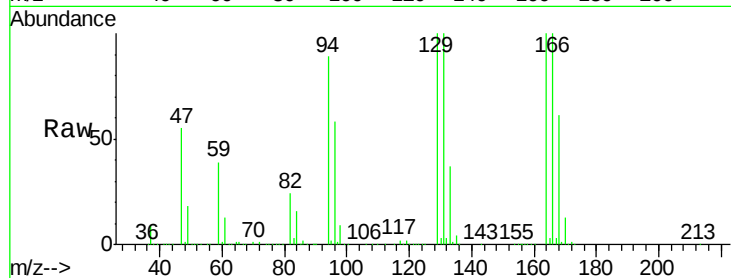
166 100.0 91.1 169.3

Manual Integrations

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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

