

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042265.D
 Acq On : 04 Feb 2021 14:40
 Operator : SY/MD
 Sample : M1323-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E67

Manual Integrations
 APPROVED

MMDadoda
 2/5/2021 9:40:38 AM

Quant Time: Feb 05 02:25:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 05 02:23:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	95074	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	89045	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	46460	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26706	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.919	69	23357	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.575	63	49971	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.649	46	112418	50.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.46%
24) Chloroform-d	5.073	84	60291	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.713	65	38233	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.735	84	113309	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.700	67	38236	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.906	98	105764	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	8.189	79	15173	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.645	63	80418	48.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.16%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30922	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	42020	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds	Qvalue					
13) Acetone	2.662	43	2080m	1.40	ug/L	
17) Methyl tert-butyl Ether	3.375	73	4399	0.24	ug/L	# 87
22) cis-1,2-Dichloroethene	4.678	96	32619	4.46	ug/L	99
25) Chloroform	5.102	83	3827	0.29	ug/L	92
34) Trichloroethene	6.552	95	16904	2.39	ug/L	98
47) Tetrachloroethene	8.562	164	157285	26.77	ug/L	99

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

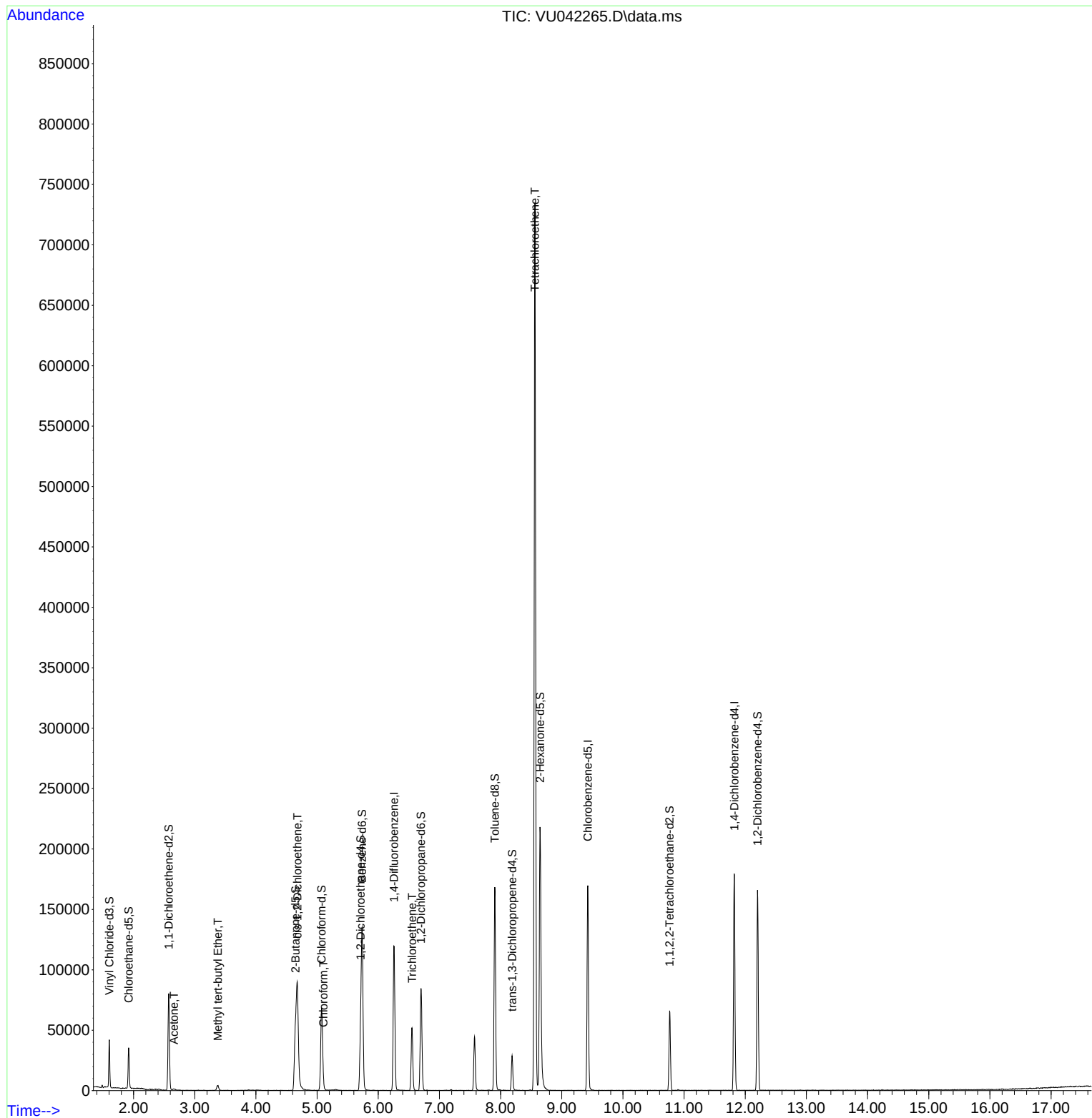
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
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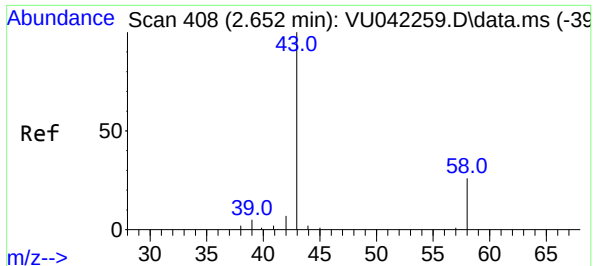
Instrument :
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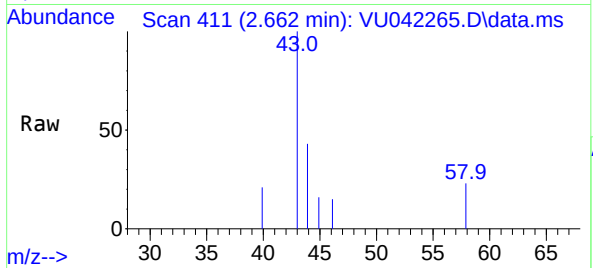
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Response via : Initial Calibration

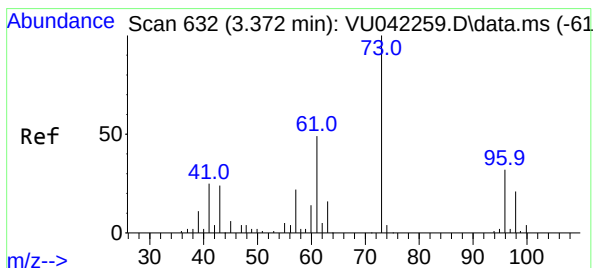
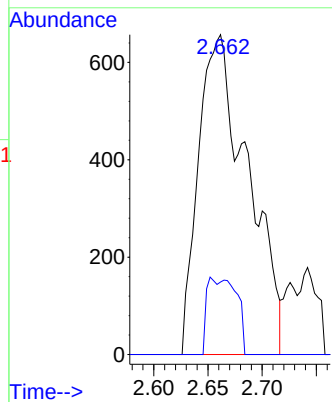
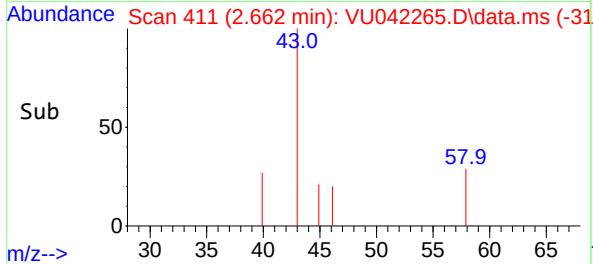




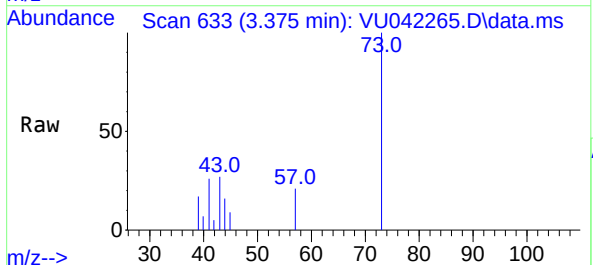
#13
Acetone
Concen: 1.40 ug/L m
RT: 2.662 min Scan# 411
Delta R.T. 0.009 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40



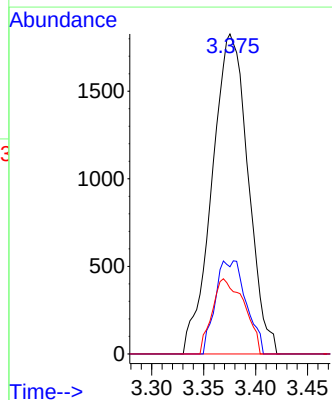
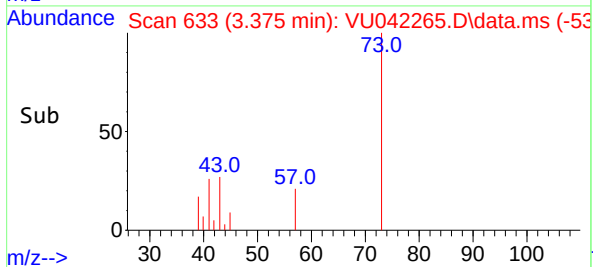
Tgt Ion: 43 Resp: 2080
Ion Ratio Lower Upper
43 100
58 5.5 0.0 55.8



#17
Methyl tert-butyl Ether
Concen: 0.24 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40



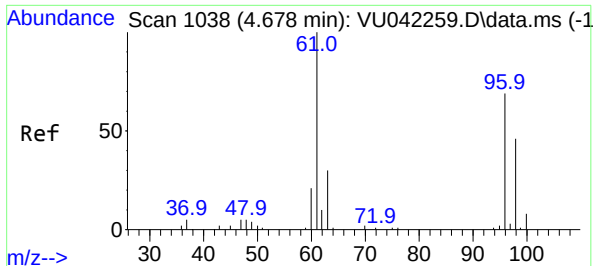
Tgt Ion: 73 Resp: 4399
Ion Ratio Lower Upper
73 100
43 12.7 18.9 28.3#
57 20.8 18.2 27.4



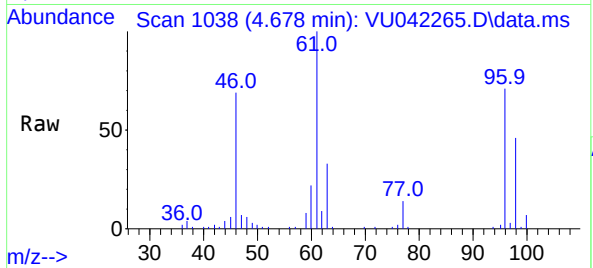
Instrument :
MSVOA_U
ClientSampled :
F1E67

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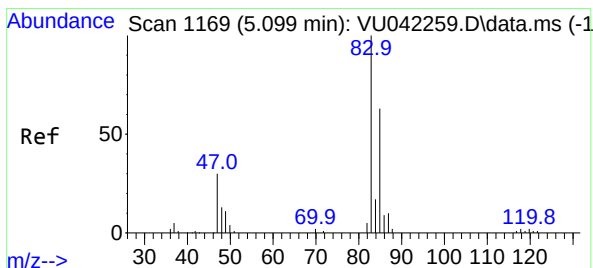
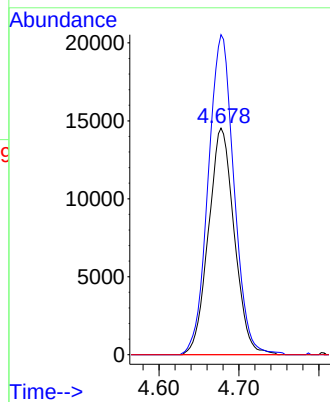
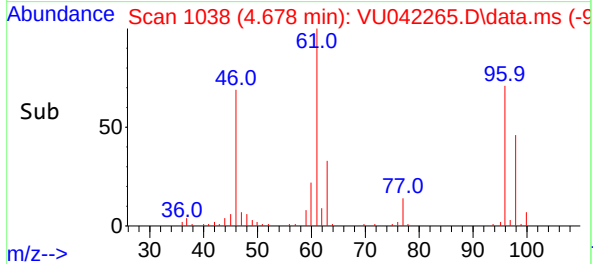
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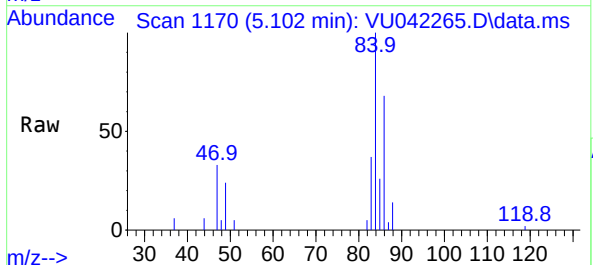
#22
cis-1,2-Dichloroethene
Concen: 4.46 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40



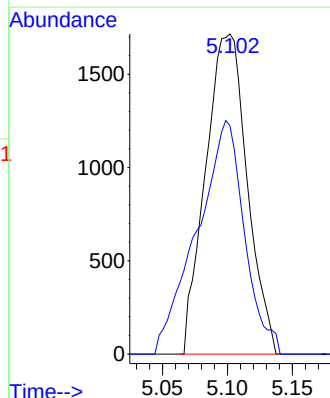
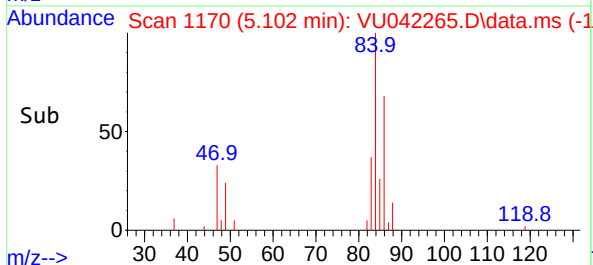
Tgt Ion: 96 Resp: 32619
Ion Ratio Lower Upper
96 100
61 141.3 97.8 181.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.29 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40



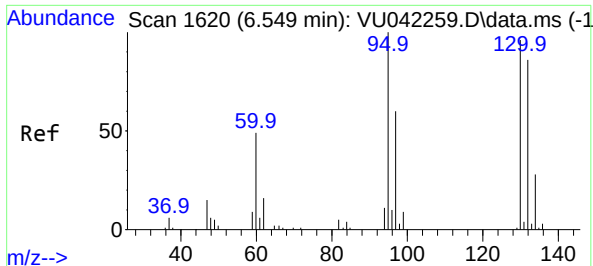
Tgt Ion: 83 Resp: 3827
Ion Ratio Lower Upper
83 100
85 71.3 45.7 84.9



Instrument :
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#34
Trichloroethene
Concen: 2.39 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

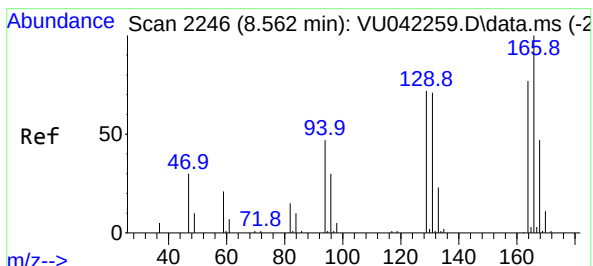
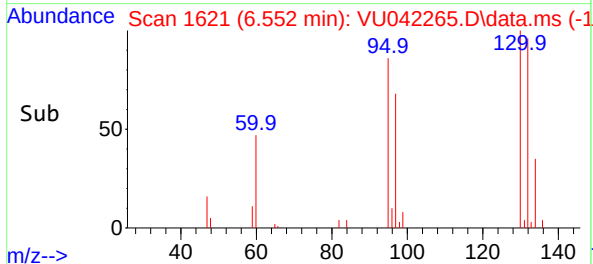
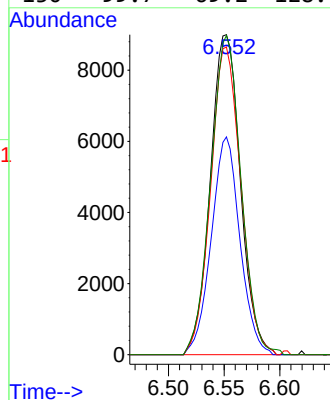
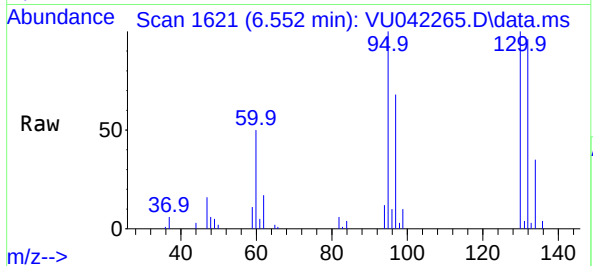
Tgt Ion: 95 Resp: 16904

Ion	Ratio	Lower	Upper
95	100		
97	68.1	44.4	82.4
132	96.1	68.0	126.4
130	99.7	69.2	128.4

Instrument :
MSVOA_U
ClientSampled :
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#47
Tetrachloroethene
Concen: 26.77 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042265.D
Acq: 04 Feb 2021 14:40

Tgt Ion: 164 Resp: 157285

Ion	Ratio	Lower	Upper
164	100		
129	92.1	64.3	119.5
131	90.1	62.2	115.6
166	127.0	88.6	164.6

