

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042264.D
 Acq On : 04 Feb 2021 14:16
 Operator : SY/MD
 Sample : M1323-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E64

Manual Integrations
 APPROVED

MMDadoda
 2/5/2021 9:40:34 AM

Quant Time: Feb 05 02:25:01 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	98741	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	93223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	47296	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27267	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.919	69	24837	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.575	63	49955	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.645	46	116331	50.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.10%
24) Chloroform-d	5.073	84	62298	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.713	65	40359	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.739	84	118791	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	38866	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.906	98	109962	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloroprop...	8.189	79	15515	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.645	63	83267	48.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	31857	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	42613	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%
Target Compounds						Qvalue
13) Acetone	2.655	43	4007m	2.59	ug/L	
17) Methyl tert-butyl Ether	3.372	73	5117	0.26	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	12501	1.65	ug/L	96
25) Chloroform	5.095	83	2786	0.21	ug/L	92
34) Trichloroethene	6.552	95	6891	0.93	ug/L	97
47) Tetrachloroethene	8.562	164	56041	9.11	ug/L	98

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

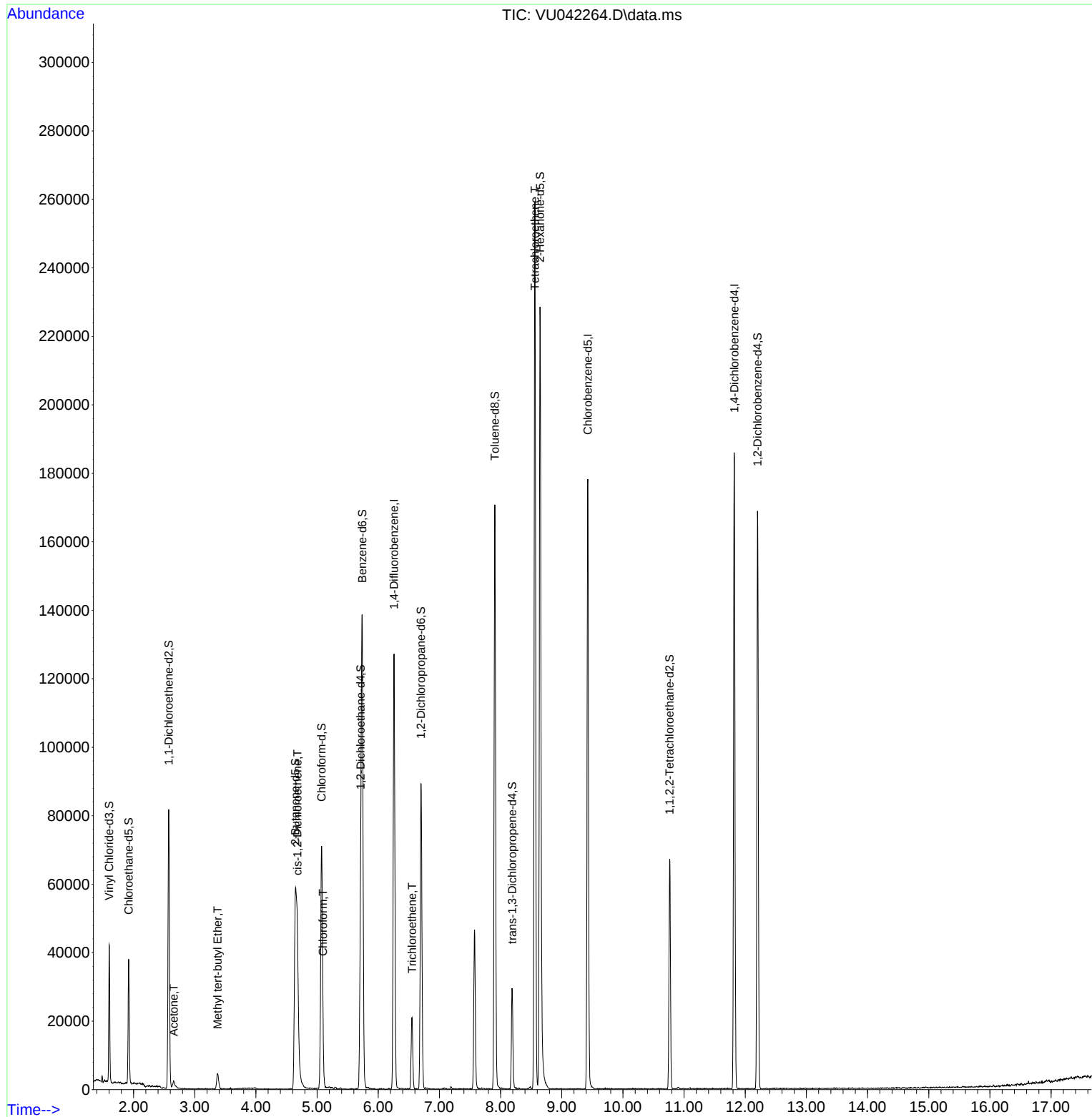
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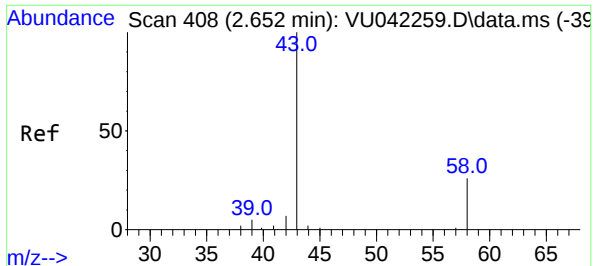
Instrument :
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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





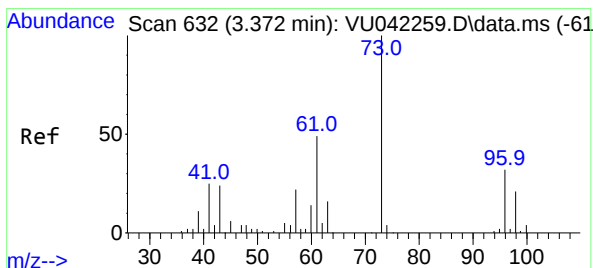
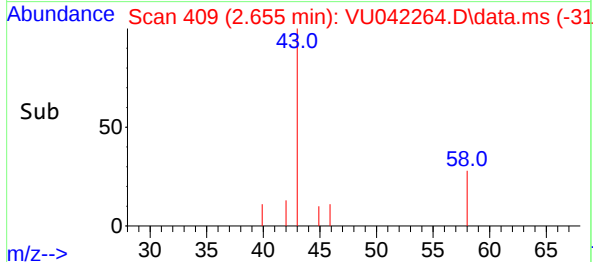
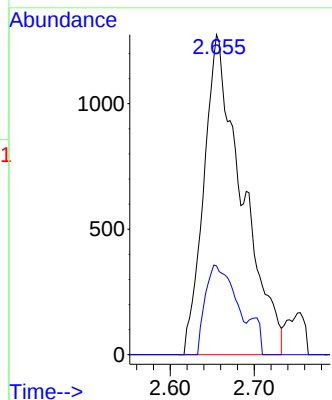
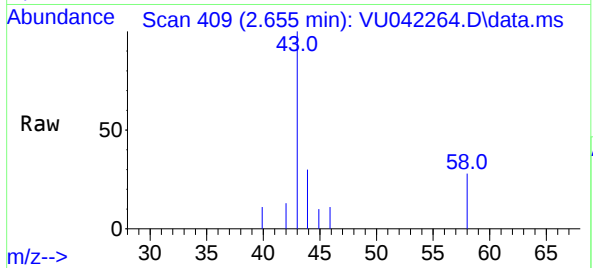
#13
Acetone
Concen: 2.59 ug/L m
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU042264.D
Acq: 04 Feb 2021 14:16

Tgt Ion: 43 Resp: 4007
Ion Ratio Lower Upper
43 100
58 21.8 0.0 55.8

Instrument :
MSVOA_U
ClientSampled :
F1E64

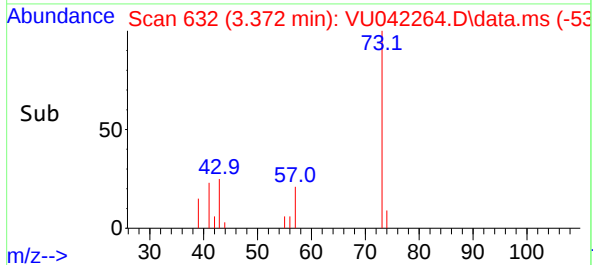
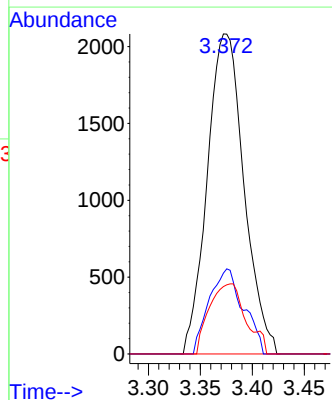
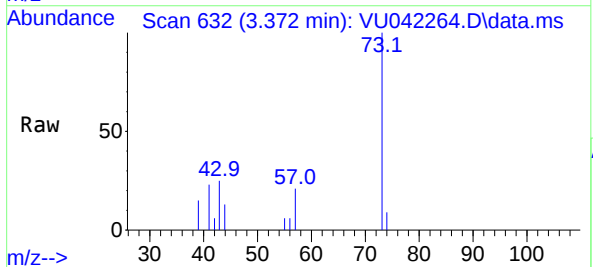
Manual Integrations
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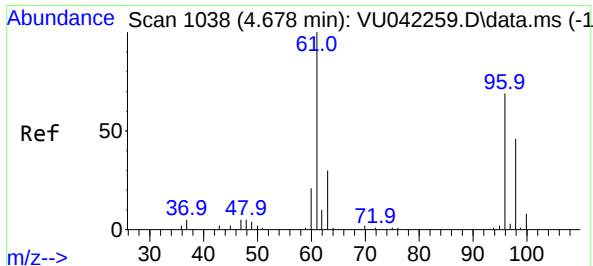
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#17
Methyl tert-butyl Ether
Concen: 0.26 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042264.D
Acq: 04 Feb 2021 14:16

Tgt Ion: 73 Resp: 5117
Ion Ratio Lower Upper
73 100
43 24.9 18.9 28.3
57 21.8 18.2 27.4





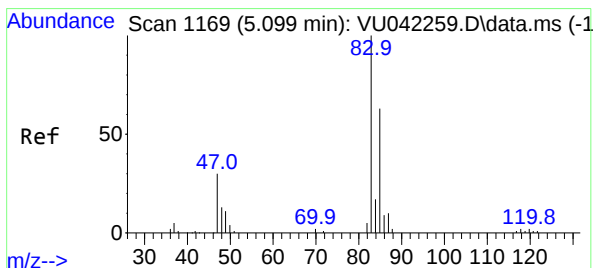
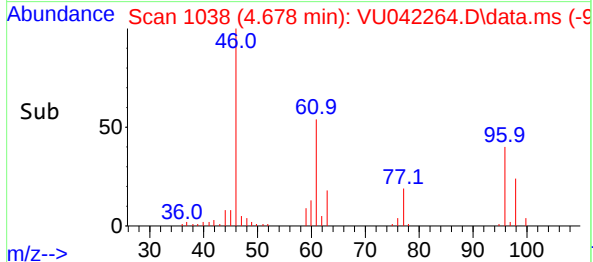
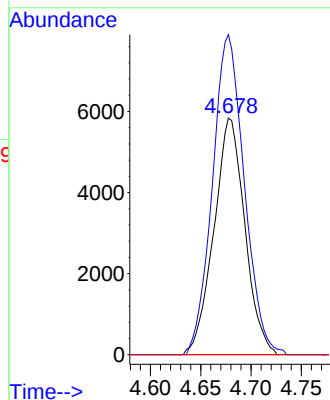
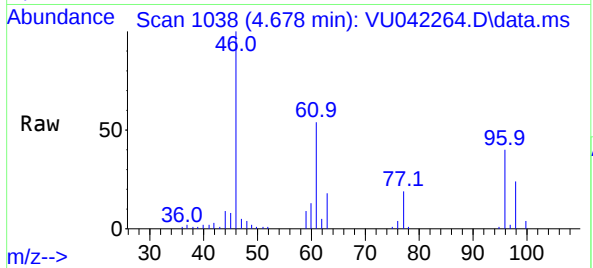
#22
cis-1,2-Dichloroethene
Concen: 1.65 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042264.D
Acq: 04 Feb 2021 14:16

Tgt Ion: 96 Resp: 12501
Ion Ratio Lower Upper
96 100
61 135.2 97.8 181.6
68 0.0 0.0 0.0

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F1E64

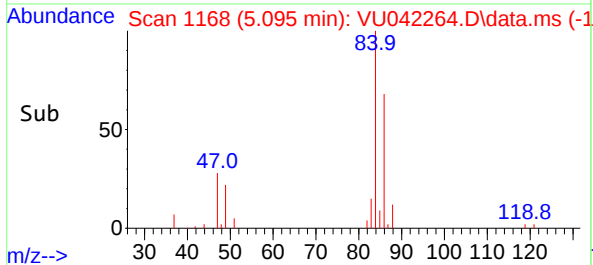
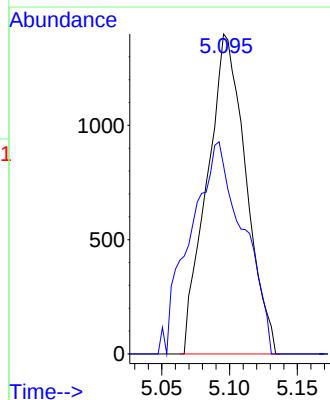
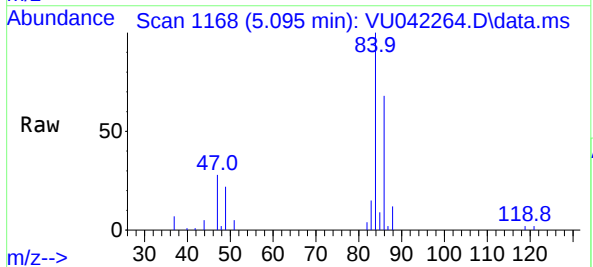
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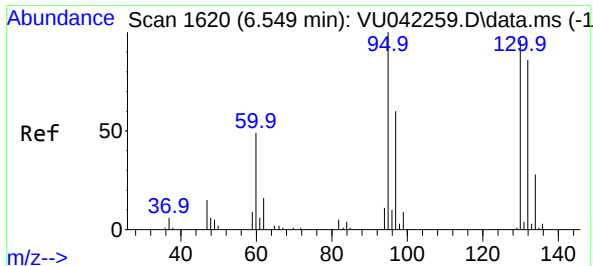
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#25
Chloroform
Concen: 0.21 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.004 min
Lab File: VU042264.D
Acq: 04 Feb 2021 14:16

Tgt Ion: 83 Resp: 2786
Ion Ratio Lower Upper
83 100
85 58.9 45.7 84.9





#34
Trichloroethene
Concen: 0.93 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042264.D
Acq: 04 Feb 2021 14:16

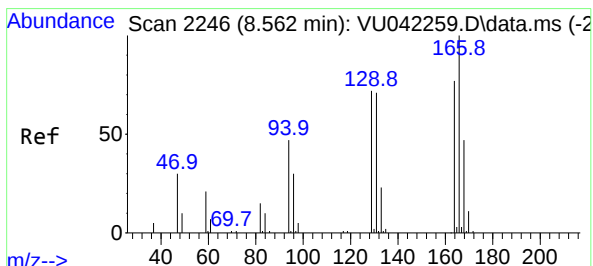
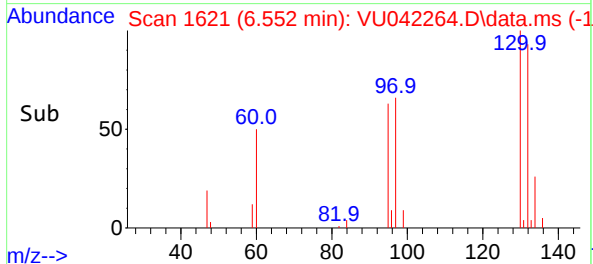
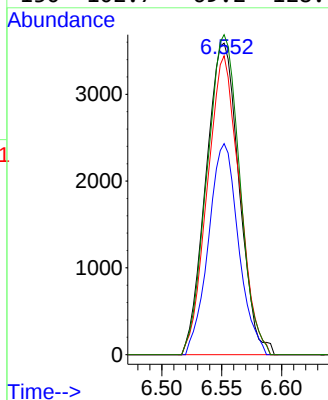
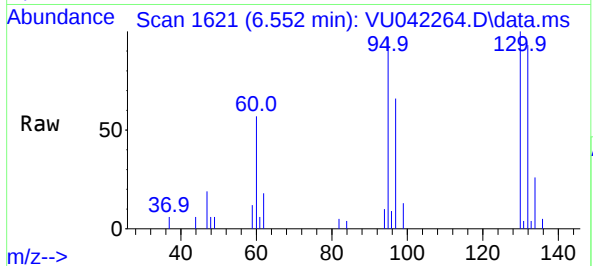
Tgt Ion: 95 Resp: 6891

Ion	Ratio	Lower	Upper
95	100		
97	67.8	44.4	82.4
132	96.0	68.0	126.4
130	102.7	69.2	128.4

Instrument :
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Manual Integrations
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2/5/2021 9:40:34 AM



#47
Tetrachloroethene
Concen: 9.11 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042264.D
Acq: 04 Feb 2021 14:16

Tgt Ion: 164 Resp: 56041

Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.3	119.5
131	91.2	62.2	115.6
166	129.6	88.6	164.6

