

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042249.D
 Acq On : 03 Feb 2021 22:14
 Operator : SY/MD
 Sample : M1259-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E66

Manual Integrations
 APPROVED

MMDadoda
 2/5/2021 9:38:42 AM

Quant Time: Feb 04 05:35:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 05:34:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	103319	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	94865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	49692	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18906	2.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 56.80%			
7) Chloroethane-d5	1.919	69	17938	3.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 66.80%			
11) 1,1-Dichloroethene-d2	2.575	63	35999	2.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 49.00%#			
20) 2-Butanone-d5	4.649	46	141306	58.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.20%			
24) Chloroform-d	5.073	84	57828	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
26) 1,2-Dichloroethane-d4	5.713	65	39649	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.736	84	103628	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
36) 1,2-Dichloropropane-d6	6.700	67	37003	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%			
41) Toluene-d8	7.906	98	95342	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
43) trans-1,3-Dichloroprop...	8.189	79	15966	3.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.80%			
46) 2-Hexanone-d5	8.645	63	102439	58.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.18%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35657	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	12.201	152	43573	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds					Qvalue	
13) Acetone	2.652	43	4611m	2.85	ug/L	
17) Methyl tert-butyl Ether	3.376	73	8874	0.44	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	8902	1.12	ug/L	97
25) Chloroform	5.096	83	3144	0.22	ug/L	96
34) Trichloroethene	6.549	95	6707	0.89	ug/L	96
47) Tetrachloroethene	8.562	164	40258	6.43	ug/L	97

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

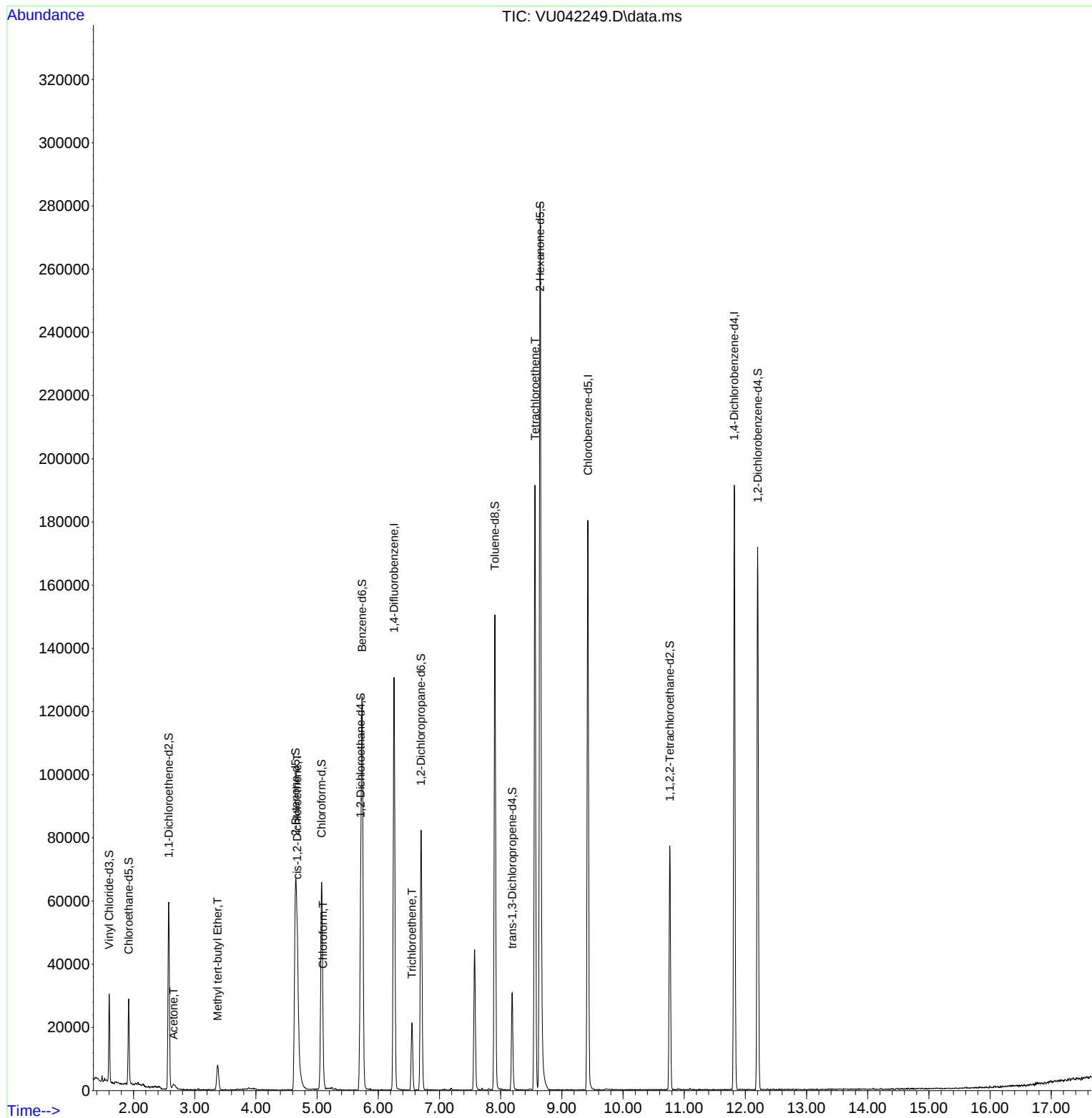
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
Data File : VU042249.D
Acq On : 03 Feb 2021 22:14
Operator : SY/MD
Sample : M1259-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

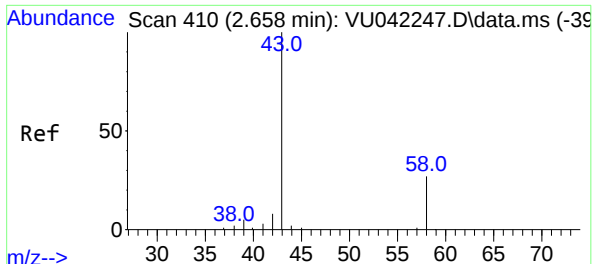
Instrument :
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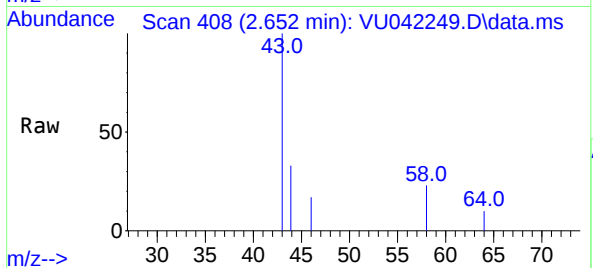
Quant Time: Feb 04 05:35:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 04 05:34:35 2021
Response via : Initial Calibration





#13
Acetone
Concen: 2.85 ug/L m
RT: 2.652 min Scan# 408
Delta R.T. -0.006 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

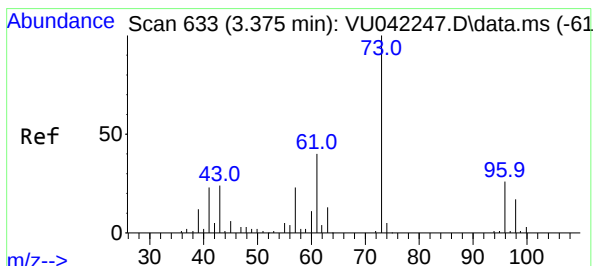
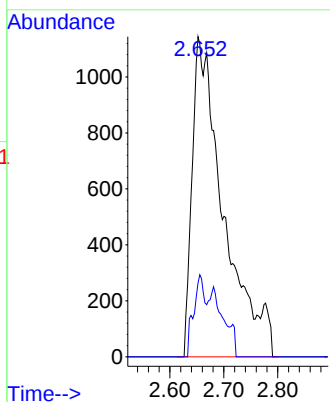
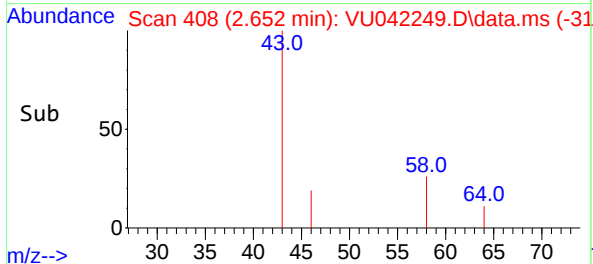
Instrument :
MSVOA_U
ClientSampled :
F1E66



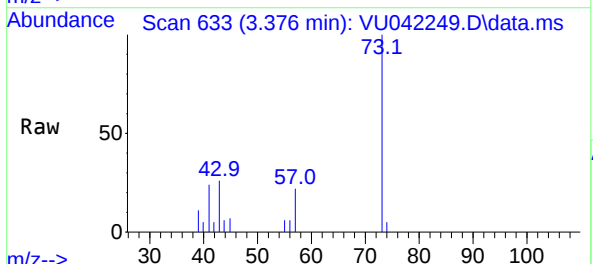
Tgt Ion: 43 Resp: 4611
Ion Ratio Lower Upper
43 100
58 9.4 0.0 55.8

Manual Integrations
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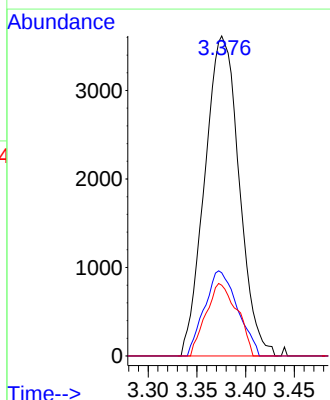
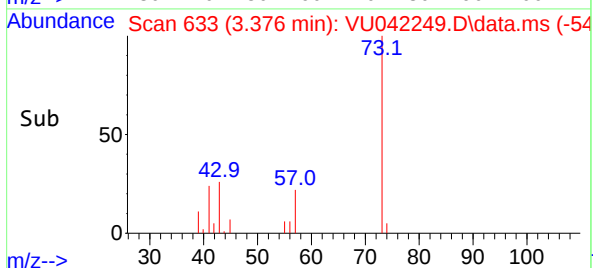
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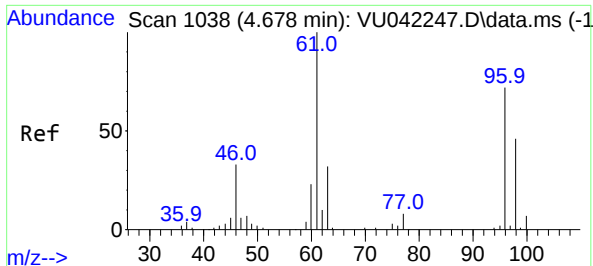


#17
Methyl tert-butyl Ether
Concen: 0.44 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14

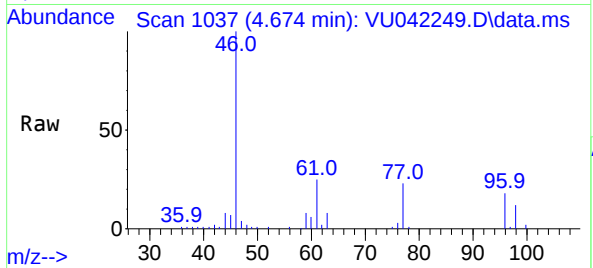


Tgt Ion: 73 Resp: 8874
Ion Ratio Lower Upper
73 100
43 25.6 18.9 28.3
57 20.5 18.2 27.4

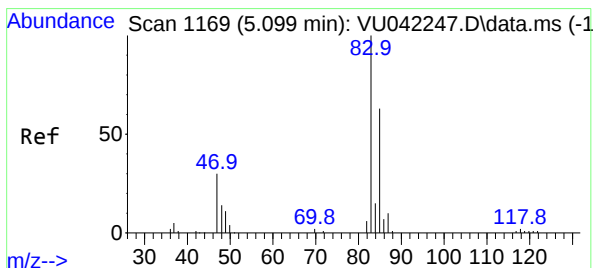
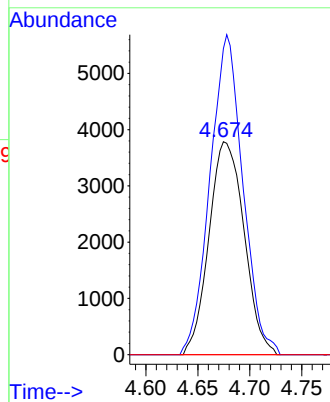
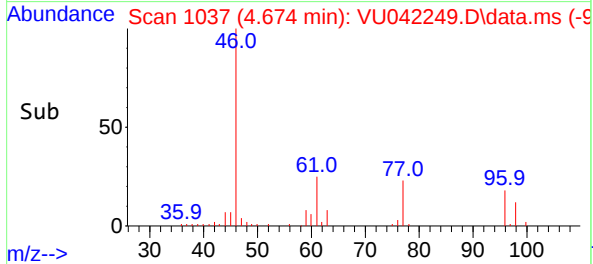




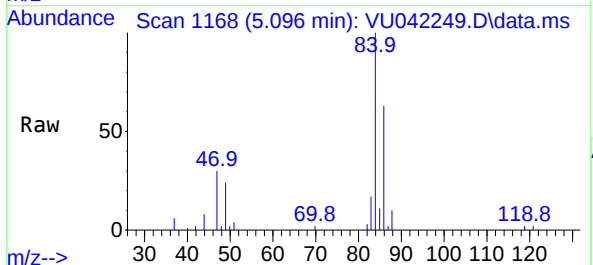
#22
cis-1,2-Dichloroethene
Concen: 1.12 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14



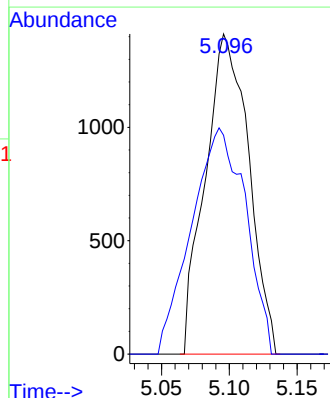
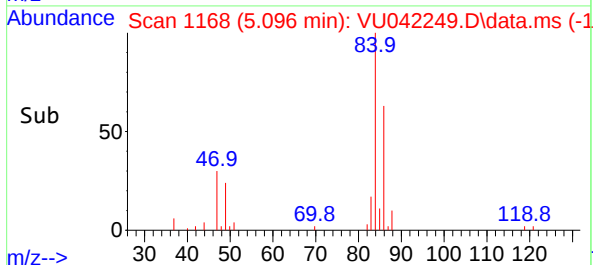
Tgt Ion: 96 Resp: 8902
Ion Ratio Lower Upper
96 100
61 143.7 97.8 181.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.22 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14



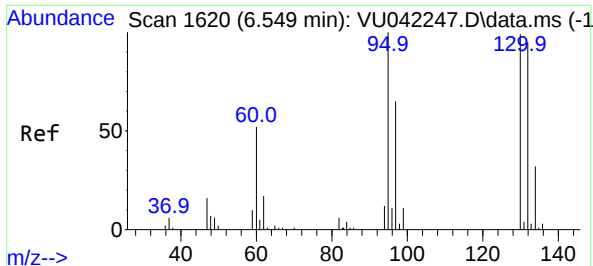
Tgt Ion: 83 Resp: 3144
Ion Ratio Lower Upper
83 100
85 68.3 45.7 84.9



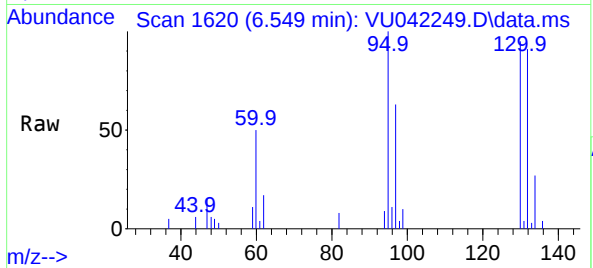
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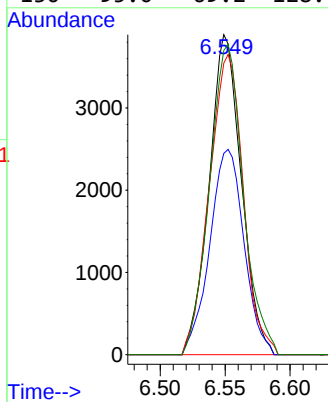
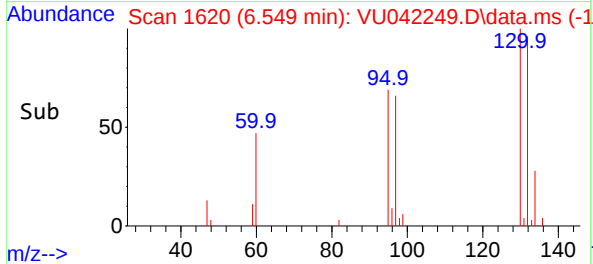
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#34
Trichloroethene
Concen: 0.89 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14



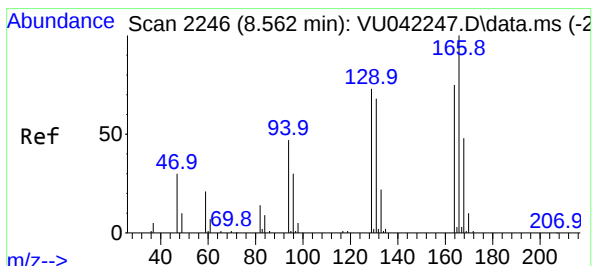
Tgt Ion: 95 Resp: 6707
Ion Ratio Lower Upper
95 100
97 62.9 44.4 82.4
132 91.1 68.0 126.4
130 95.0 69.2 128.4



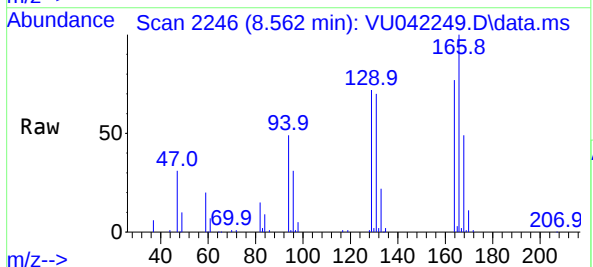
Instrument :
MSVOA_U
ClientSampled :
F1E66

Manual Integrations
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2/5/2021 9:38:42 AM



#47
Tetrachloroethene
Concen: 6.43 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042249.D
Acq: 03 Feb 2021 22:14



Tgt Ion: 164 Resp: 40258
Ion Ratio Lower Upper
164 100
129 93.9 64.3 119.5
131 91.1 62.2 115.6
166 130.7 88.6 164.6

