

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042084.D
 Acq On : 15 Jan 2021 20:02
 Operator : SY/MD
 Sample : M1164-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ0

Manual Integrations
 APPROVED

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 1/19/2021 4:05:49 PM

Quant Time: Jan 16 01:15:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	131302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118428	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	48824	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35423	3.57	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.40%	
7) Chloroethane-d5	1.919	69	42823	4.57	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.40%	
11) 1,1-Dichloroethene-d2	2.575	63	58370	2.92	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.40%#	
20) 2-Butanone-d5	4.655	46	188806	56.78	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.56%	
24) Chloroform-d	5.079	84	103448	5.10	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.00%	
26) 1,2-Dichloroethane-d4	5.716	65	58249	5.27	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.40%	
32) Benzene-d6	5.742	84	190143	4.96	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.20%	
36) 1,2-Dichloropropane-d6	6.700	67	66608	5.31	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.20%	
41) Toluene-d8	7.902	98	154897	4.52	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.40%	
43) trans-1,3-Dichloroprop...	8.185	79	26082	5.17	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.40%	
46) 2-Hexanone-d5	8.642	63	161108	62.27	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	124.54%	
57) 1,1,2,2-Tetrachloroeth...	10.754	84	49018	5.13	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.60%	
64) 1,2-Dichlorobenzene-d4	12.188	152	51267	5.58	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.60%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	12656	1.05	ug/L	99
9) Trichlorofluoromethane	2.147	101	8229	0.42	ug/L	99
13) Acetone	2.671	43	3611m	1.74	ug/L	
17) Methyl tert-butyl Ether	3.382	73	2581	0.10	ug/L #	86
34) Trichloroethene	6.552	95	9174	0.84	ug/L	95
47) Tetrachloroethene	8.558	164	4124	0.58	ug/L	76

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

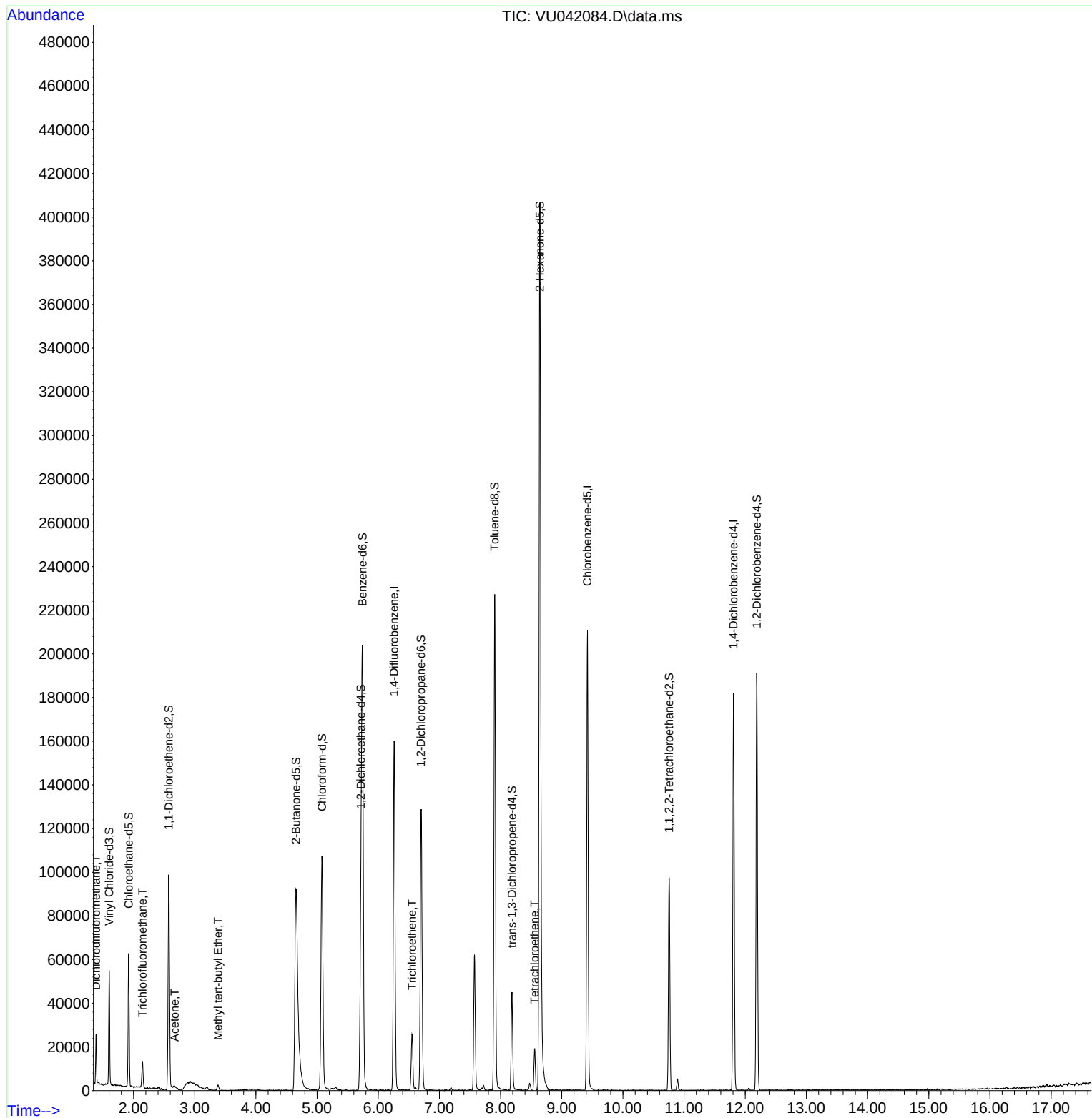
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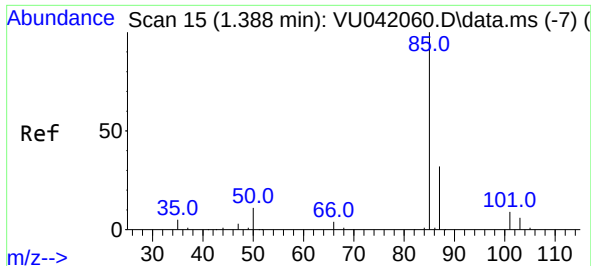
Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

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Quant Time: Jan 16 01:15:33 2021
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Quant Title : TRACE VOA SOM01.0
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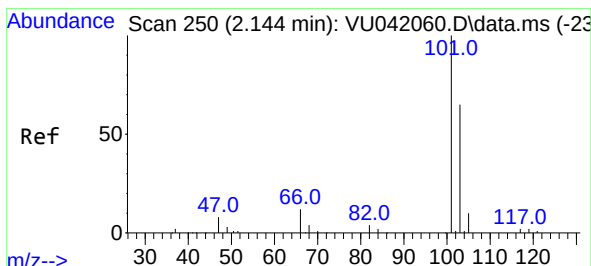
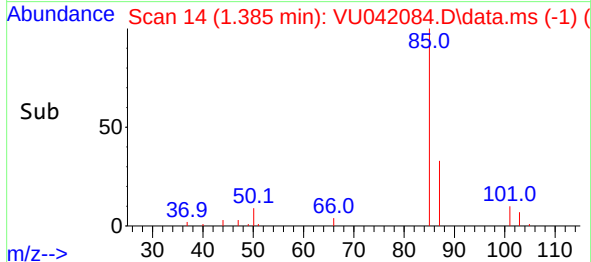
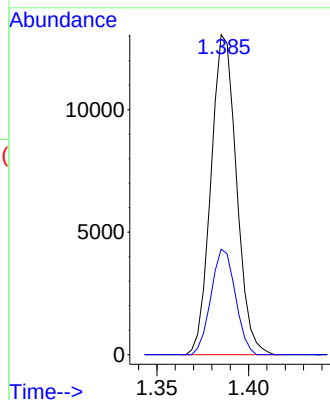
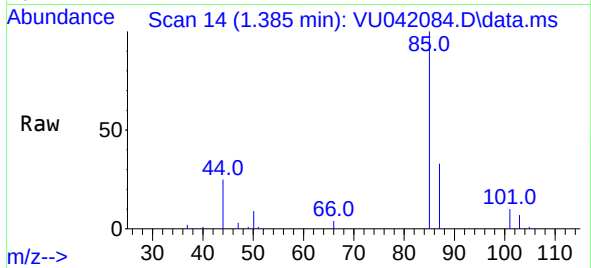
#2
Dichlorodifluoromethane
Concen: 1.05 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Tgt Ion: 85 Resp: 12656
Ion Ratio Lower Upper
85 100
87 31.4 25.7 38.5

Instrument :
MSVOA_U
ClientSampleId :
BFXQ0

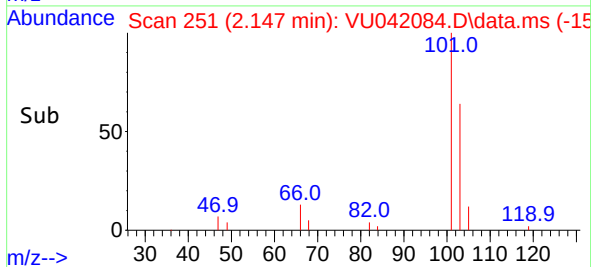
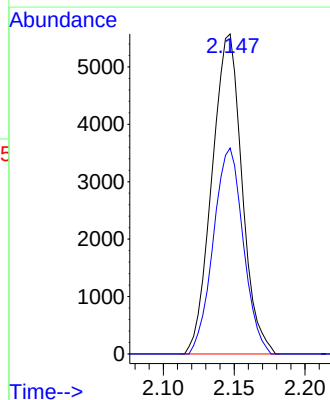
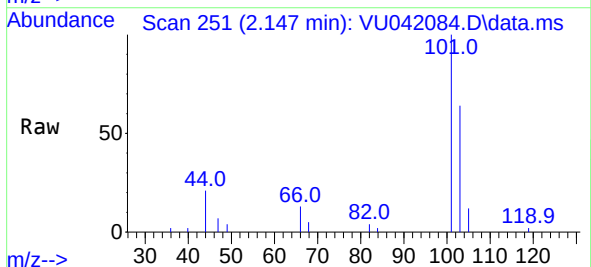
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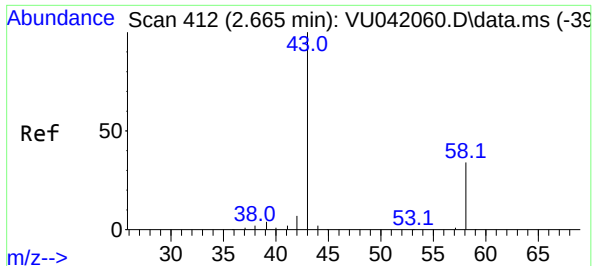
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#9
Trichlorofluoromethane
Concen: 0.42 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Tgt Ion:101 Resp: 8229
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4





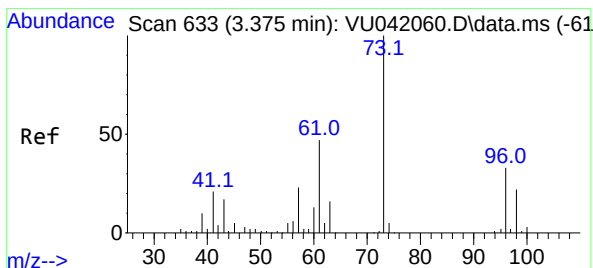
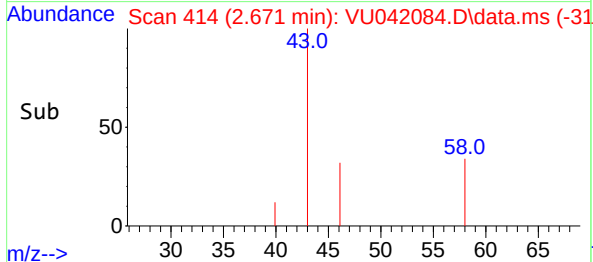
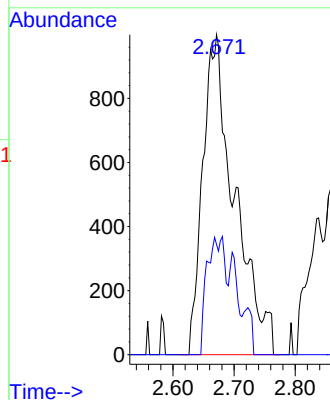
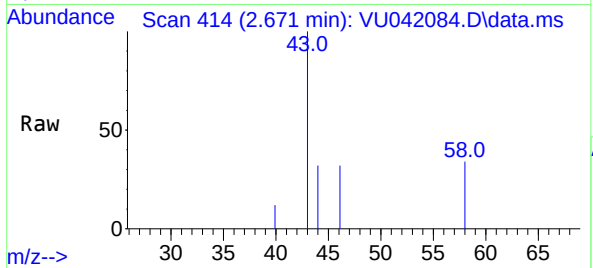
#13
Acetone
Concen: 1.74 ug/L m
RT: 2.671 min Scan# 414
Delta R.T. 0.006 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Tgt Ion: 43 Resp: 3611
Ion Ratio Lower Upper
43 100
58 13.9 0.0 57.4

Instrument :
MSVOA_U
ClientSampled :
BFXQ0

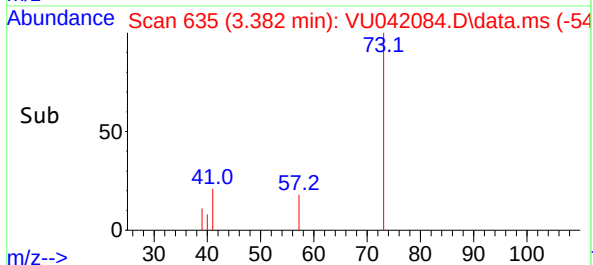
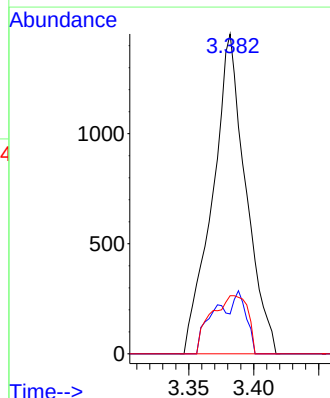
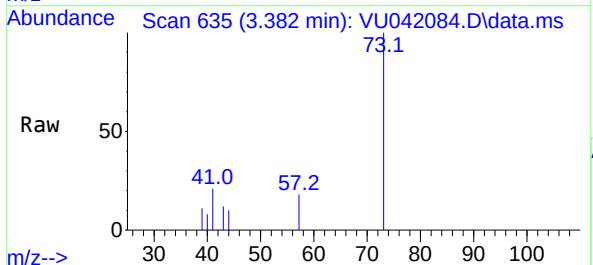
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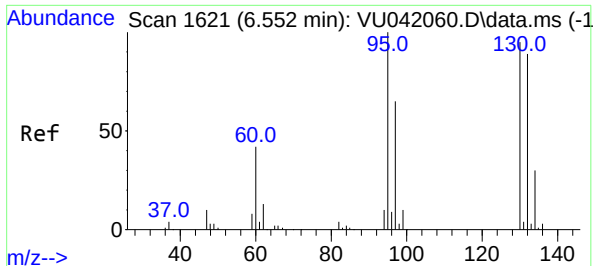
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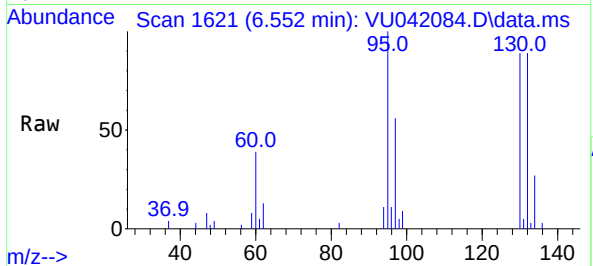
#17
Methyl tert-butyl Ether
Concen: 0.10 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.006 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

Tgt Ion: 73 Resp: 2581
Ion Ratio Lower Upper
73 100
43 7.8 15.1 22.7#
57 20.0 18.0 27.0



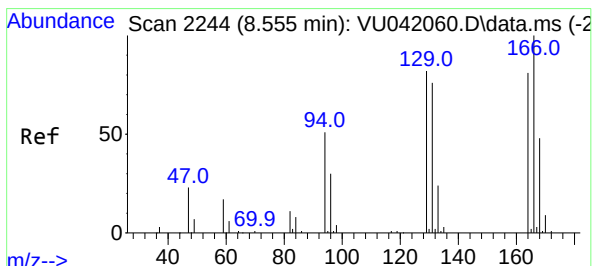
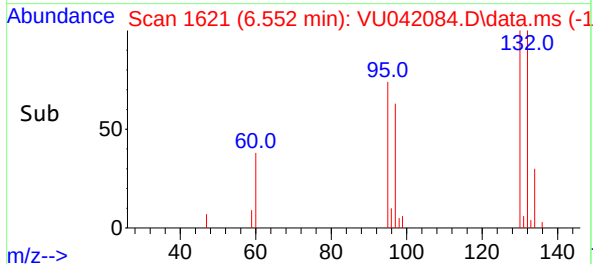
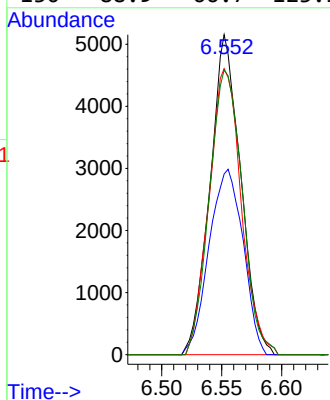


#34
Trichloroethene
Concen: 0.84 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02

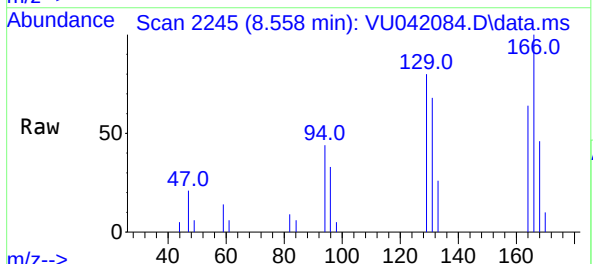


Tgt Ion: 95 Resp: 9174

Ion	Ratio	Lower	Upper
95	100		
97	56.4	43.6	81.0
132	89.4	64.3	119.3
130	88.9	66.7	123.9

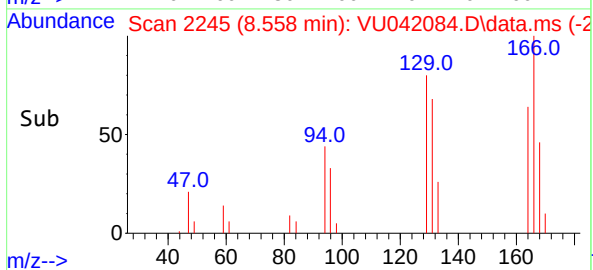
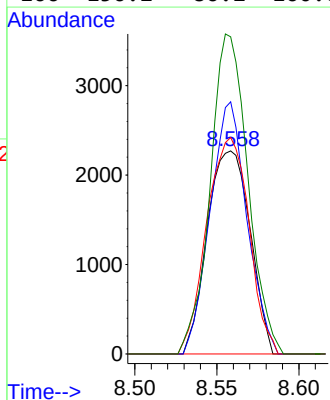


#47
Tetrachloroethene
Concen: 0.58 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042084.D
Acq: 15 Jan 2021 20:02



Tgt Ion: 164 Resp: 4124

Ion	Ratio	Lower	Upper
164	100		
129	124.2	68.7	127.5
131	106.7	65.2	121.0
166	156.2	86.2	160.0



Instrument :
MSVOA_U
ClientSampled :
BFXQ0

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