

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042003.D
 Acq On : 14 Jan 2021 00:41
 Operator : SY/MD
 Sample : M1065-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN4

Manual Integrations
 APPROVED

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 1/15/2021 12:14:38 PM

Quant Time: Jan 15 02:48:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 02:46:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	115060	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43206	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	40763	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.919	69	40784	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.578	63	61746	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.655	46	161740	55.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.02%
24) Chloroform-d	5.080	84	91497	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.716	65	49951	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.742	84	163911	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.700	67	58267	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.903	98	131490	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloroprop...	8.186	79	22048	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.639	63	127077	50.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	46651	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.189	152	43143	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	5360	0.31	ug/L	97
13) Acetone	2.658	43	3534m	1.94	ug/L	
17) Methyl tert-butyl Ether	3.379	73	4573	0.19	ug/L	96
22) cis-1,2-Dichloroethene	4.684	96	5849	0.61	ug/L	92
25) Chloroform	5.102	83	3167	0.18	ug/L	99
34) Trichloroethene	6.552	95	133860	12.46	ug/L	96
47) Tetrachloroethene	8.555	164	30132	4.33	ug/L	99

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

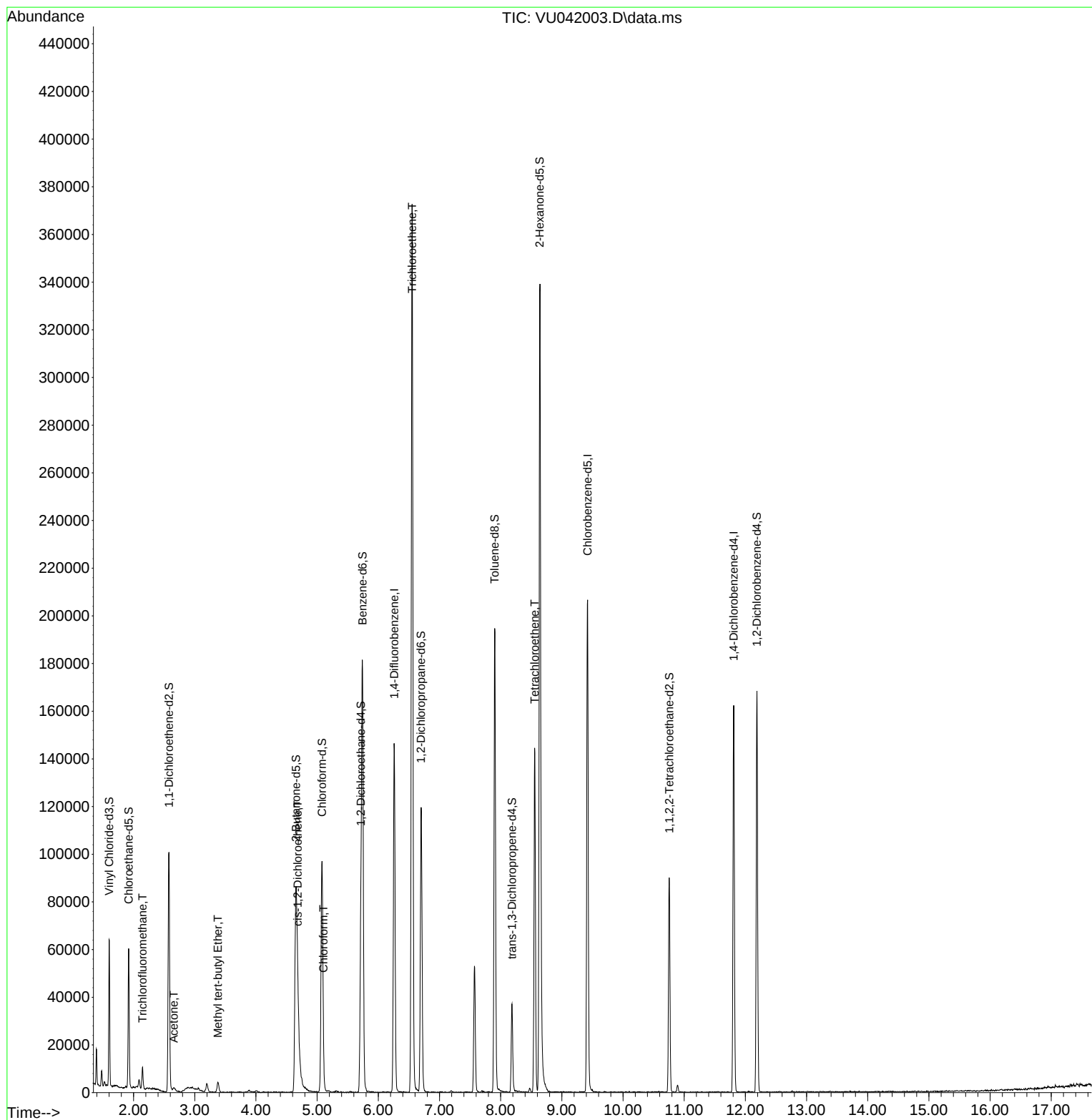
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042003.D
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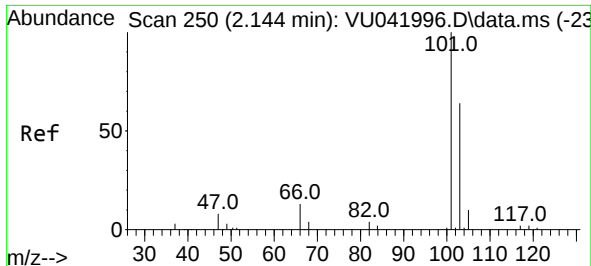
Instrument :
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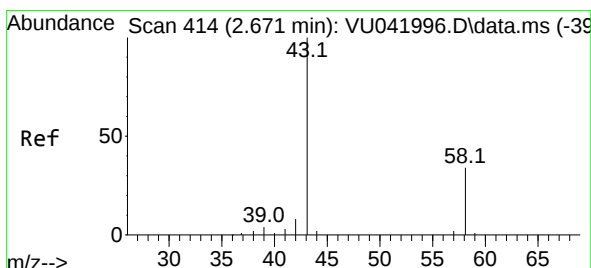
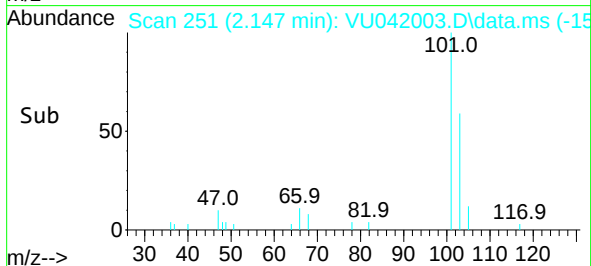
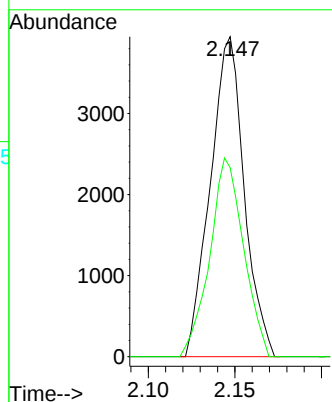
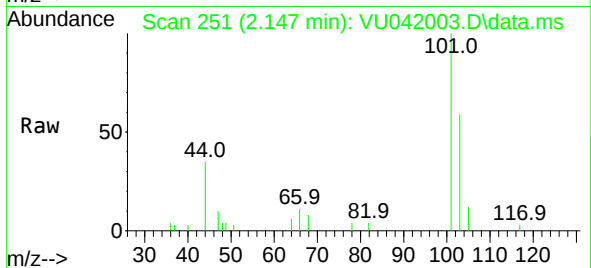
#9
Trichlorofluoromethane
Concen: 0.31 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Tgt Ion: 101 Resp: 5360
Ion Ratio Lower Upper
101 100
103 61.9 51.6 77.4

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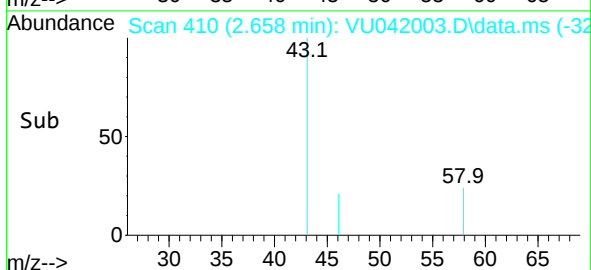
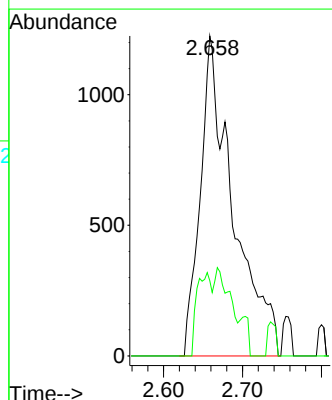
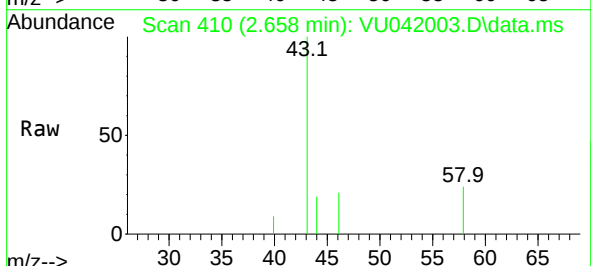
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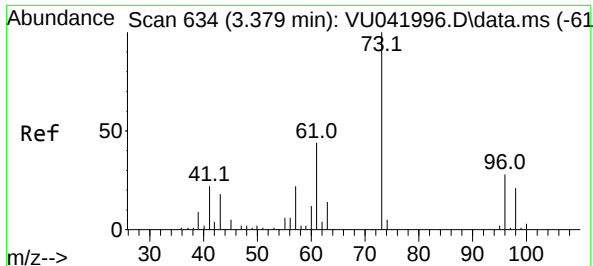
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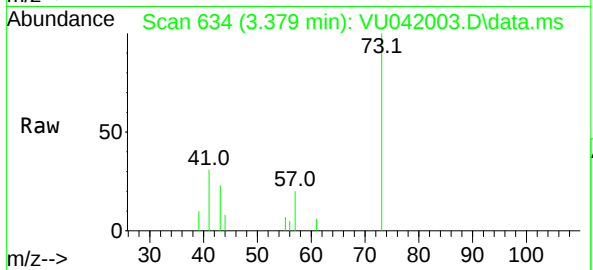
#13
Acetone
Concen: 1.94 ug/L m
RT: 2.658 min Scan# 410
Delta R.T. -0.013 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Tgt Ion: 43 Resp: 3534
Ion Ratio Lower Upper
43 100
58 11.8 0.0 57.4

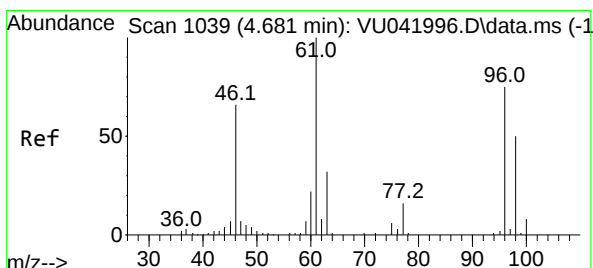
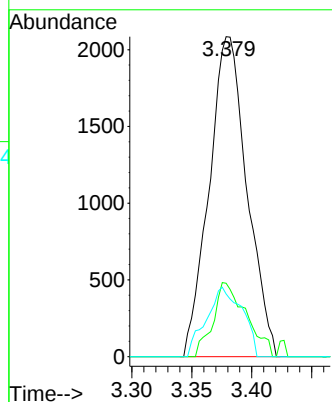
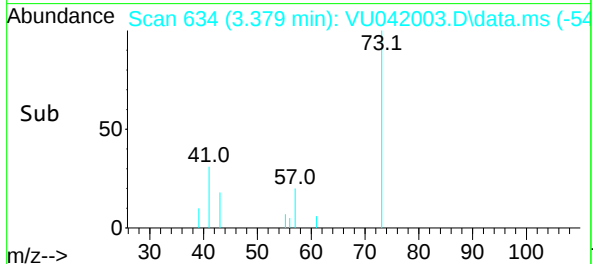




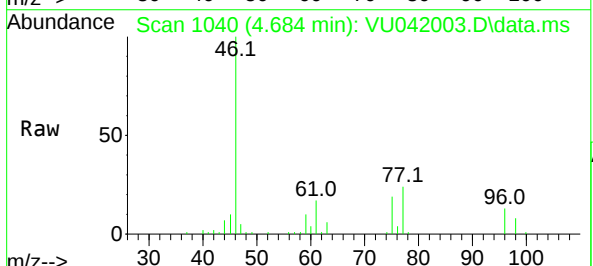
#17
Methyl tert-butyl Ether
Concen: 0.19 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.000 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41



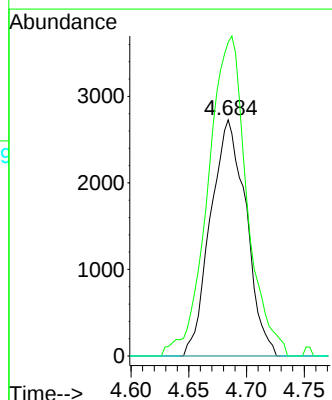
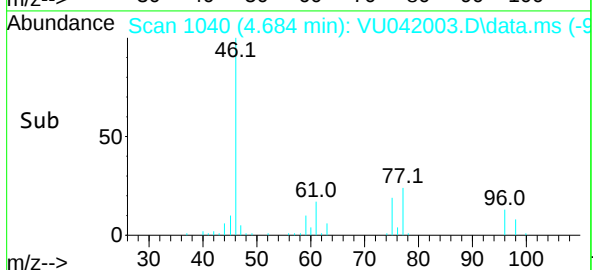
Tgt Ion: 73 Resp: 4573
Ion Ratio Lower Upper
73 100
43 20.3 15.1 22.7
57 20.5 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.61 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41



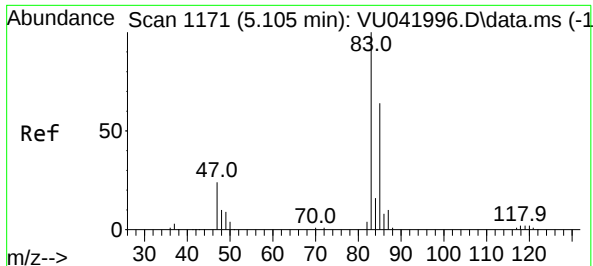
Tgt Ion: 96 Resp: 5849
Ion Ratio Lower Upper
96 100
61 132.8 100.3 186.3
68 0.0 0.0 0.0



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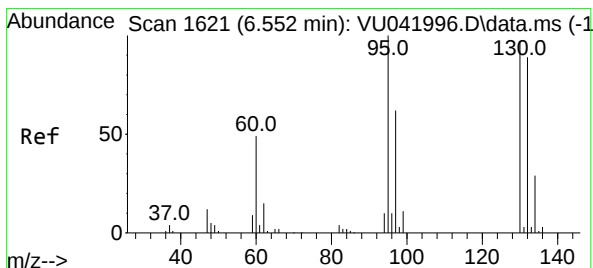
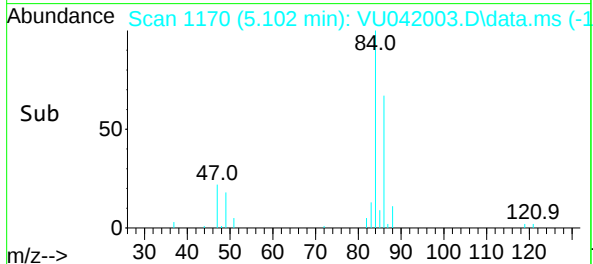
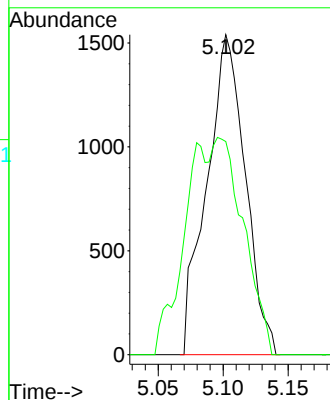
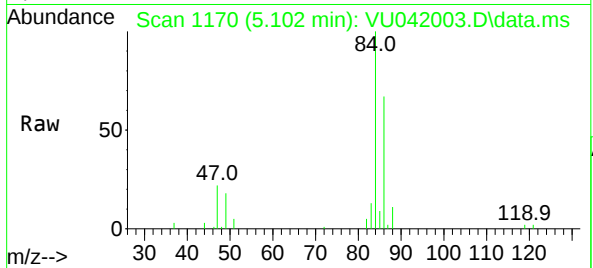
#25
Chloroform
Concen: 0.18 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Tgt Ion: 83 Resp: 3167
Ion Ratio Lower Upper
83 100
85 66.6 46.1 85.7

Instrument :
MSVOA_U
ClientSampled :
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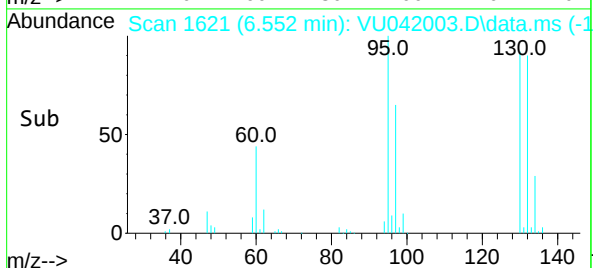
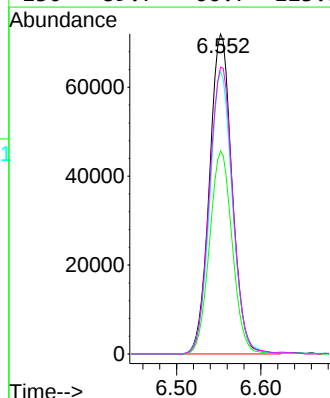
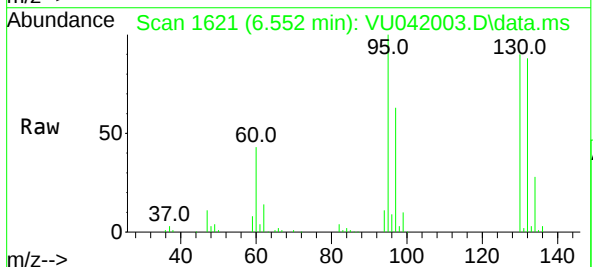
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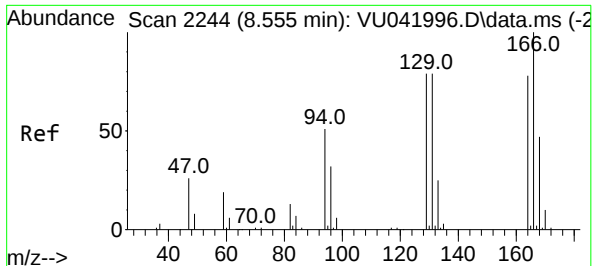
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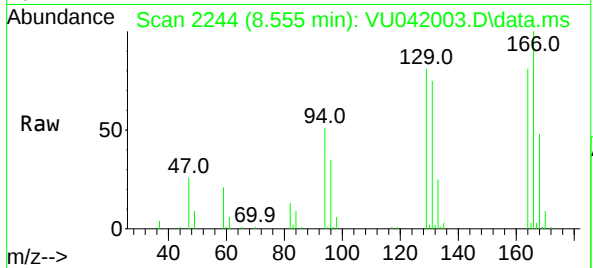
#34
Trichloroethene
Concen: 12.46 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41

Tgt Ion: 95 Resp: 133860
Ion Ratio Lower Upper
95 100
97 63.4 43.6 81.0
132 88.2 64.3 119.3
130 89.7 66.7 123.9



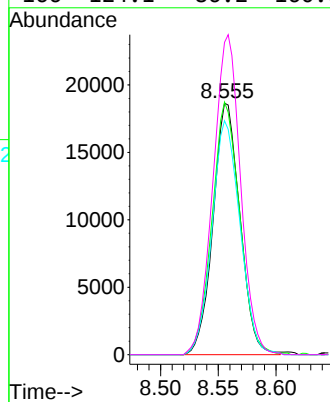
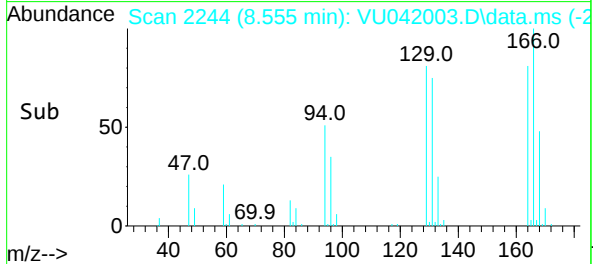


#47
Tetrachloroethene
Concen: 4.33 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042003.D
Acq: 14 Jan 2021 00:41



Tgt Ion:164 Resp: 30132

Ion	Ratio	Lower	Upper
164	100		
129	100.4	68.7	127.5
131	93.0	65.2	121.0
166	124.1	86.2	160.0



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