

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042002.D
 Acq On : 14 Jan 2021 00:16
 Operator : SY/MD
 Sample : M1065-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN3

Manual Integrations
 APPROVED

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 1/15/2021 12:14:34 PM

Quant Time: Jan 15 02:48:11 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	124364	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111871	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	42789	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42569	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.919	69	42448	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.575	63	67213	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.658	46	170731	54.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.42%
24) Chloroform-d	5.080	84	95114	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.716	65	52255	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.742	84	180135	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.700	67	61371	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.903	98	149555	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloroprop...	8.182	79	22906	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.642	63	127994	52.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.74%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	43817	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.189	152	44032	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	3120	0.17	ug/L	96
13) Acetone	2.671	43	4669m	2.37	ug/L	
17) Methyl tert-butyl Ether	3.382	73	3756	0.15	ug/L #	85
22) cis-1,2-Dichloroethene	4.684	96	3394	0.33	ug/L	100
25) Chloroform	5.105	83	2559	0.13	ug/L	100
34) Trichloroethene	6.552	95	121038	11.70	ug/L	97
47) Tetrachloroethene	8.558	164	25303	3.77	ug/L	98

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

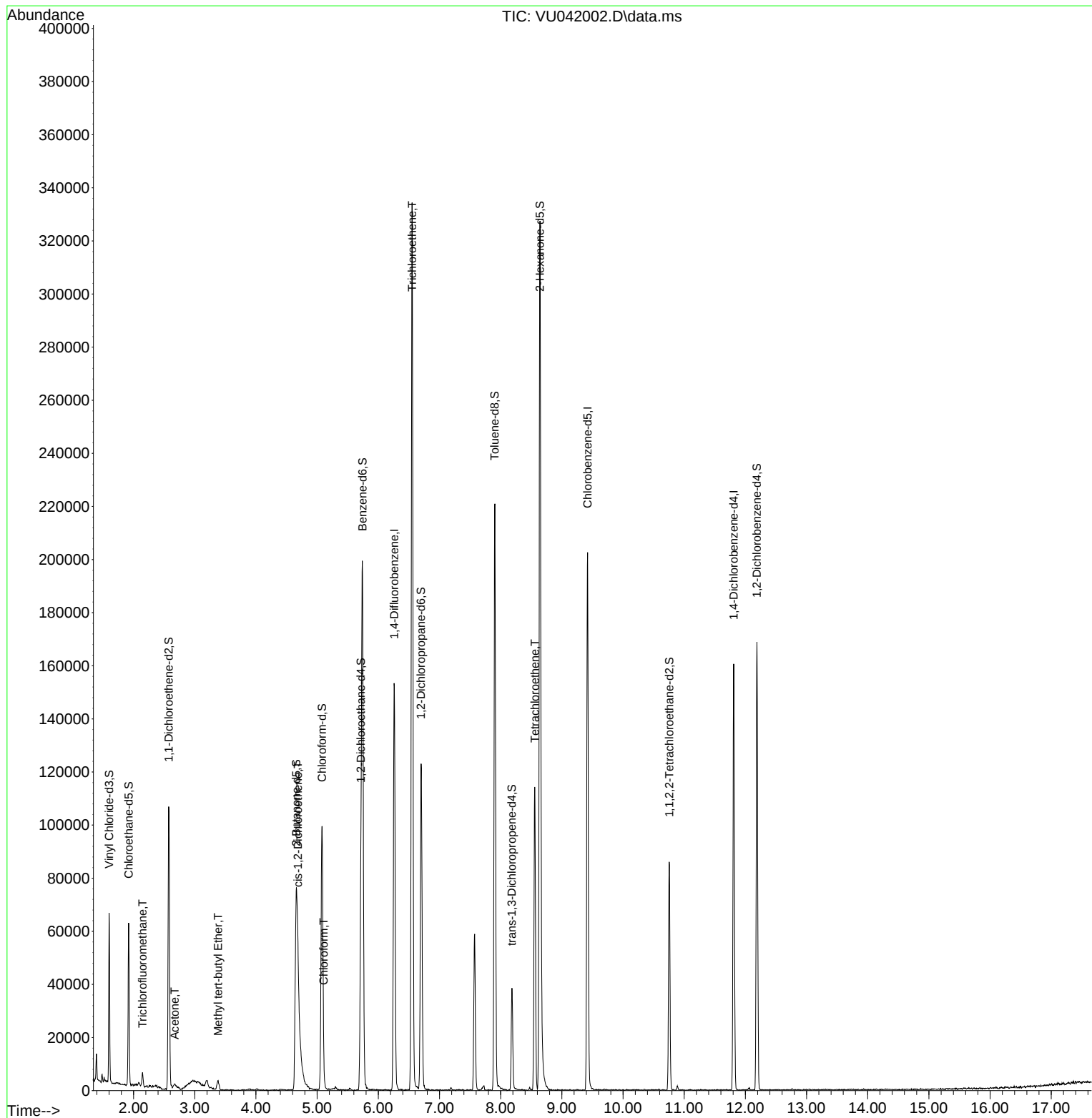
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
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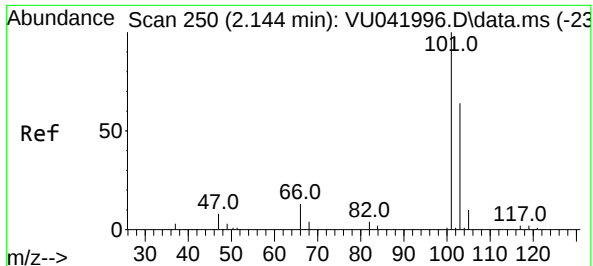
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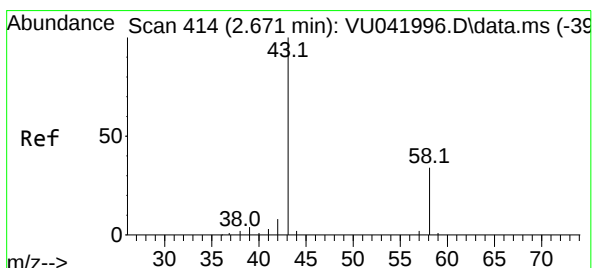
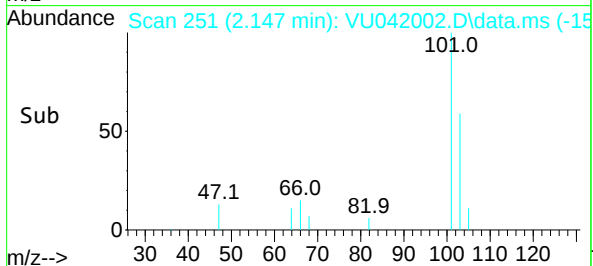
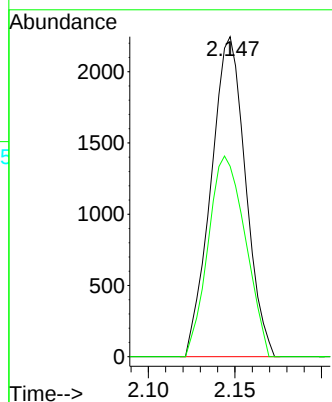
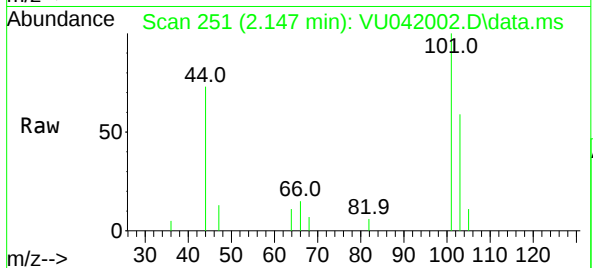
#9
Trichlorofluoromethane
Concen: 0.17 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion:101 Resp: 3120
Ion Ratio Lower Upper
101 100
103 67.3 51.6 77.4

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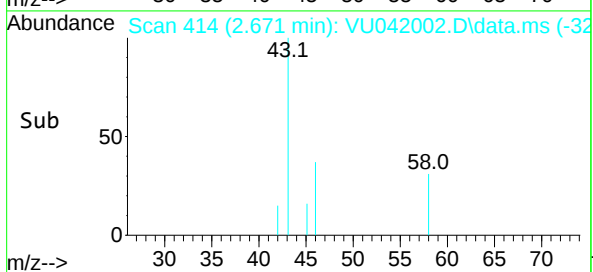
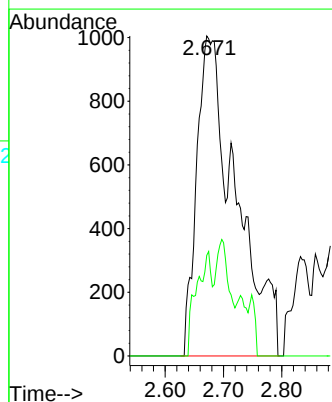
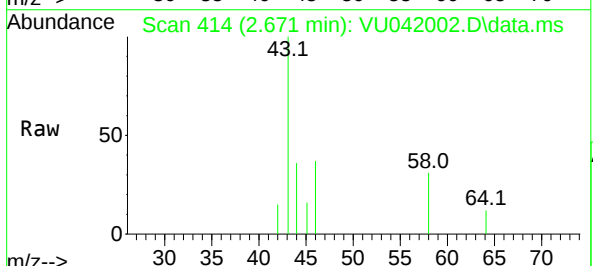
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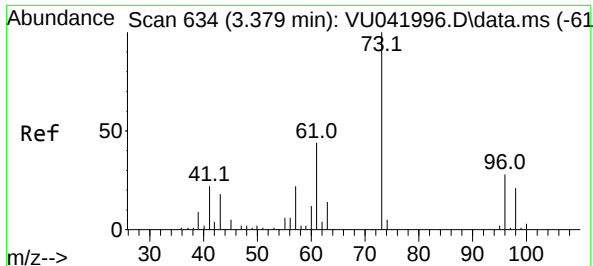
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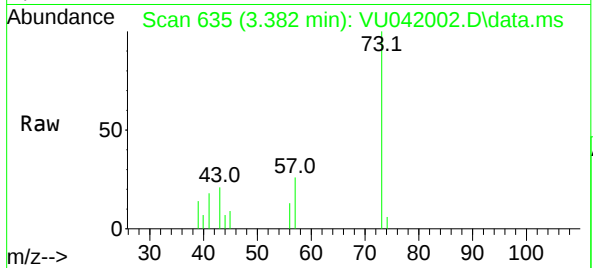
#13
Acetone
Concen: 2.37 ug/L m
RT: 2.671 min Scan# 414
Delta R.T. -0.000 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion: 43 Resp: 4669
Ion Ratio Lower Upper
43 100
58 5.7 0.0 57.4

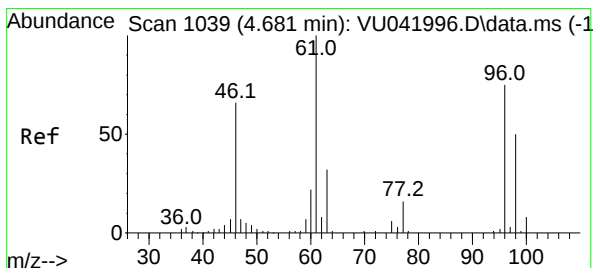
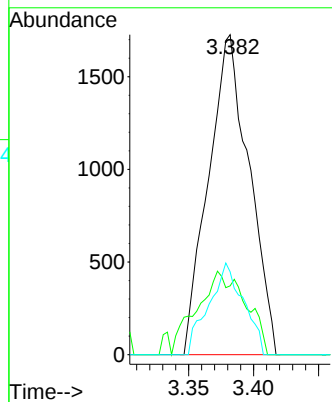
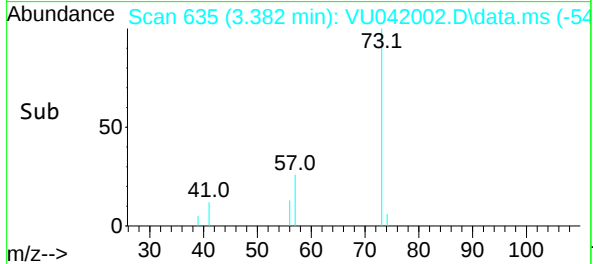




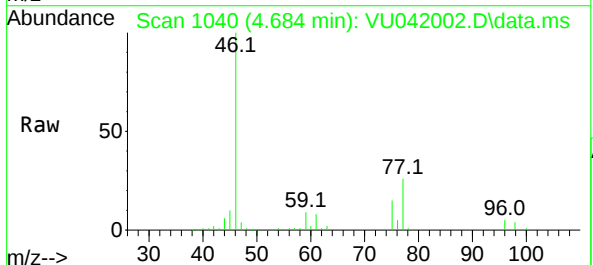
#17
Methyl tert-butyl Ether
Concen: 0.15 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.003 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16



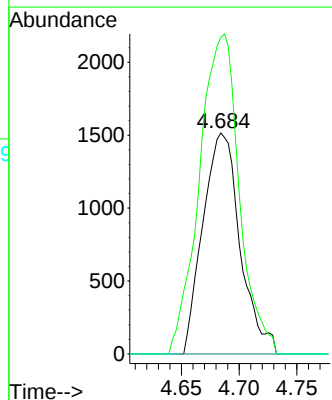
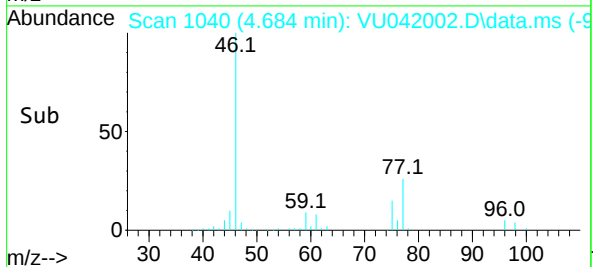
Tgt Ion: 73 Resp: 3756
Ion Ratio Lower Upper
73 100
43 31.3 15.1 22.7#
57 24.5 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.33 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16



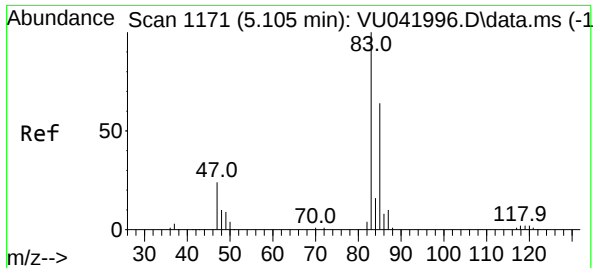
Tgt Ion: 96 Resp: 3394
Ion Ratio Lower Upper
96 100
61 143.2 100.3 186.3
68 0.0 0.0 0.0



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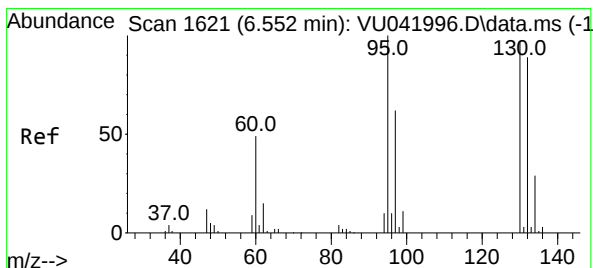
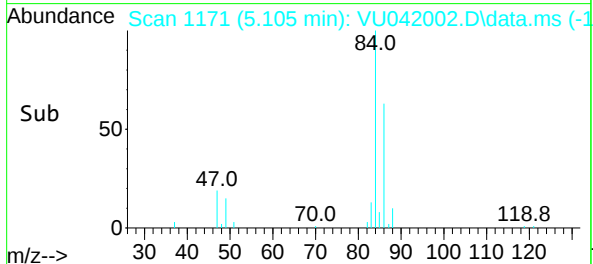
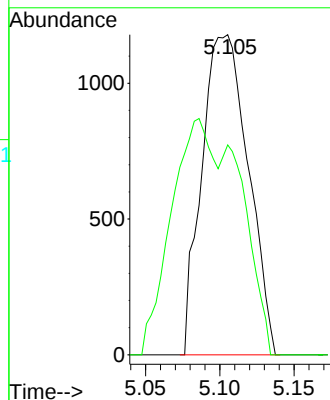
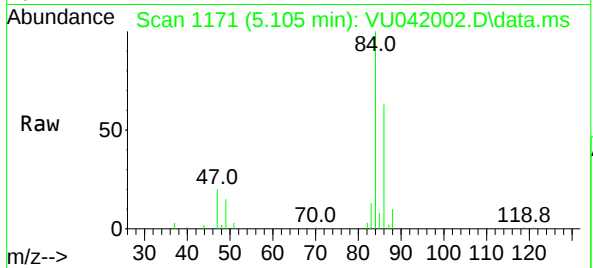
#25
Chloroform
Concen: 0.13 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion: 83 Resp: 2559
Ion Ratio Lower Upper
83 100
85 65.6 46.1 85.7

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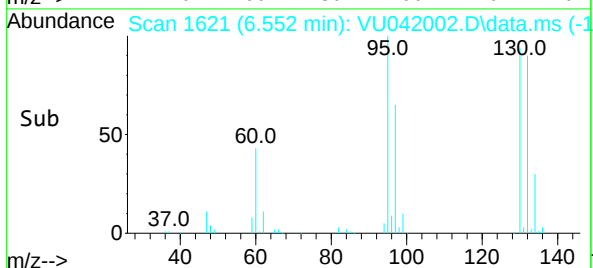
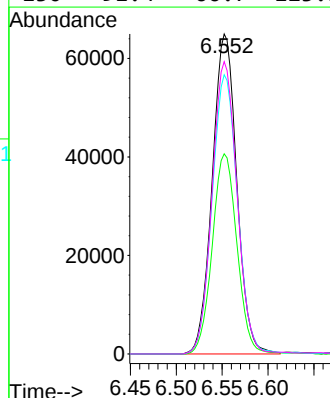
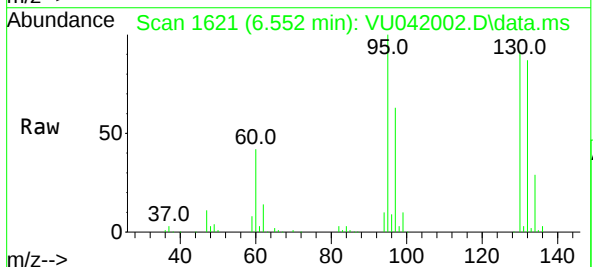
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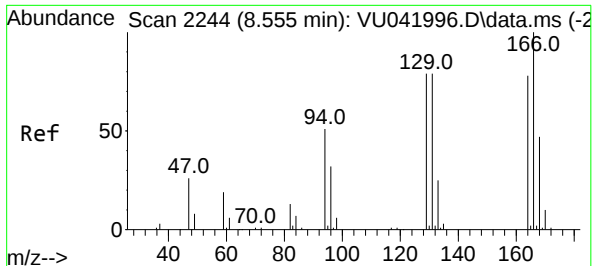
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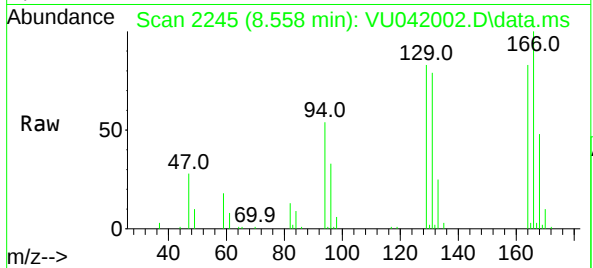
#34
Trichloroethene
Concen: 11.70 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16

Tgt Ion: 95 Resp: 121038
Ion Ratio Lower Upper
95 100
97 62.6 43.6 81.0
132 87.2 64.3 119.3
130 91.4 66.7 123.9

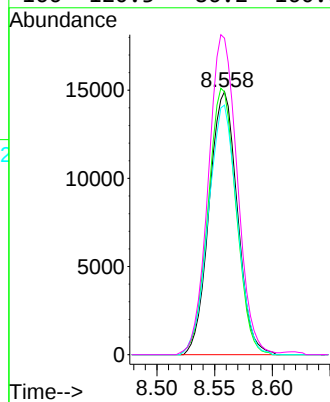
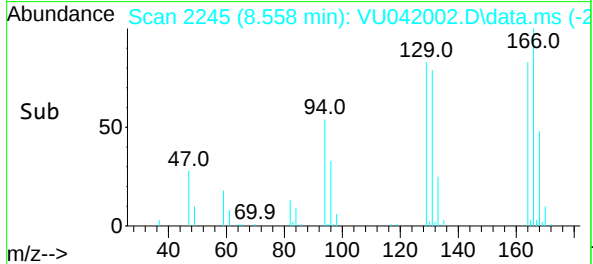




#47
Tetrachloroethene
Concen: 3.77 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042002.D
Acq: 14 Jan 2021 00:16



Tgt Ion:	164	Resp:	25303
Ion Ratio	Lower	Upper	
164	100		
129	99.8	68.7	127.5
131	94.9	65.2	121.0
166	120.3	86.2	160.0



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