

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042001.D
 Acq On : 13 Jan 2021 23:52
 Operator : SY/MD
 Sample : M1065-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN2

Manual Integrations
 APPROVED

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 1/15/2021 12:14:31 PM

Quant Time: Jan 15 02:47:54 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	6.259	114	121691	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99804	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	49168	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	42822	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.919	69	43624	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.578	63	65714	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.655	46	153614	49.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.70%
24) Chloroform-d	5.079	84	88903	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.716	65	50042	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.742	84	165818	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.700	67	57595	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.906	98	126017	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloroprop...	8.185	79	19677	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.642	63	108445	49.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.48%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	46958	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.60%
64) 1,2-Dichlorobenzene-d4	12.192	152	49586	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	3077	0.17	ug/L	95
13) Acetone	2.655	43	4472m	2.32	ug/L	
17) Methyl tert-butyl Ether	3.375	73	3075	0.12	ug/L	98
22) cis-1,2-Dichloroethene	4.687	96	7769	0.77	ug/L	87
31) Carbon tetrachloride	5.542	117	605	0.05	ug/L	85
34) Trichloroethene	6.552	95	246600	26.71	ug/L	97
47) Tetrachloroethene	8.555	164	29355	4.91	ug/L	92

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

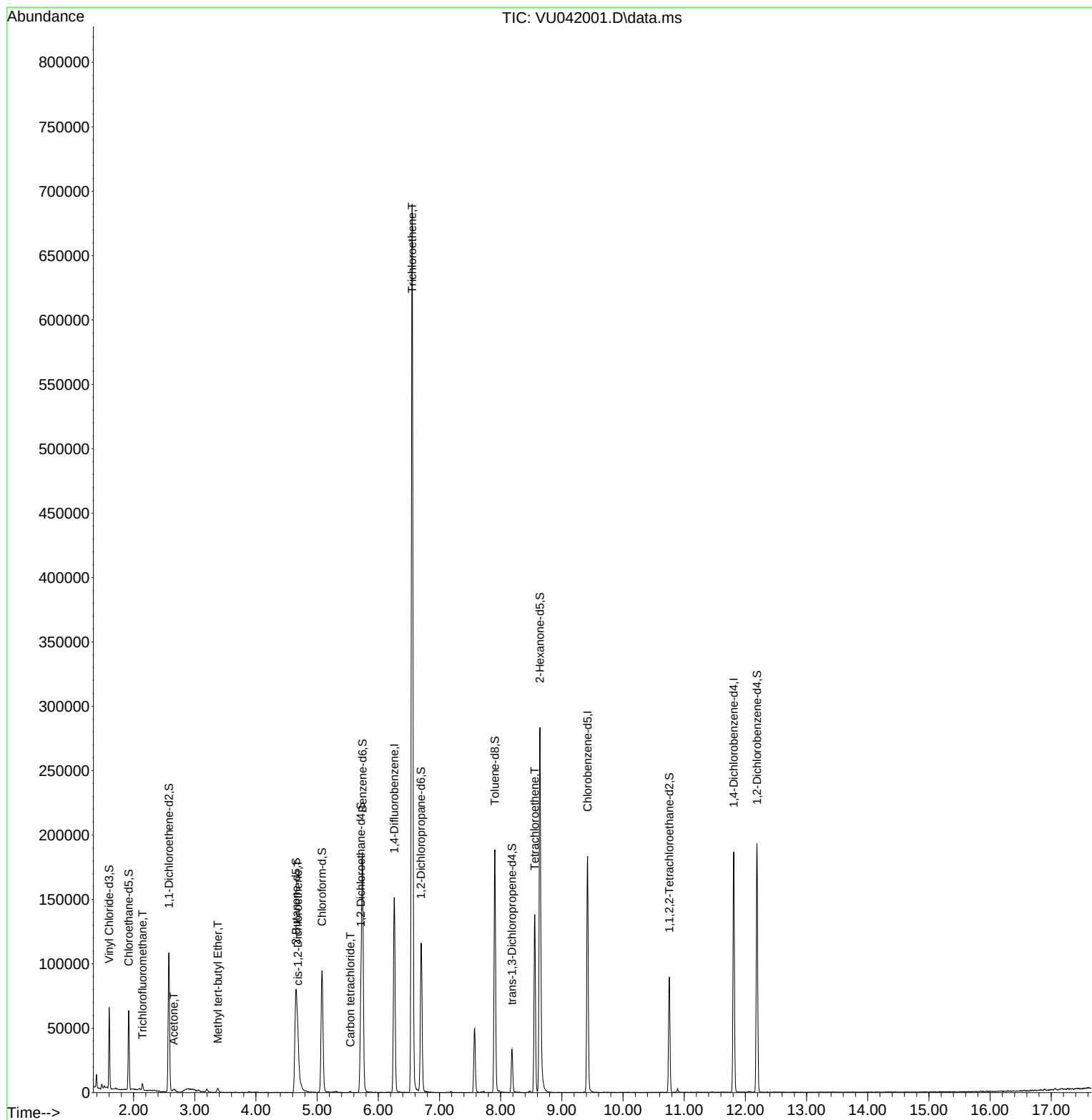
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042001.D
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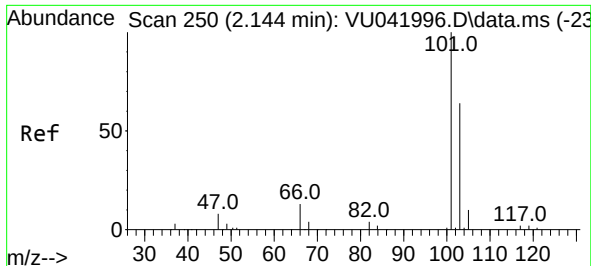
Instrument :
MSVOA_U
ClientSampleId :
BFXN2

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Quant Title : TRACE VOA SOM01.0
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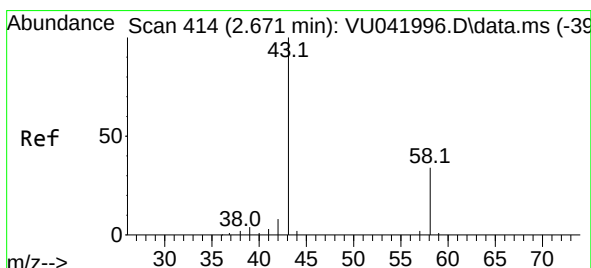
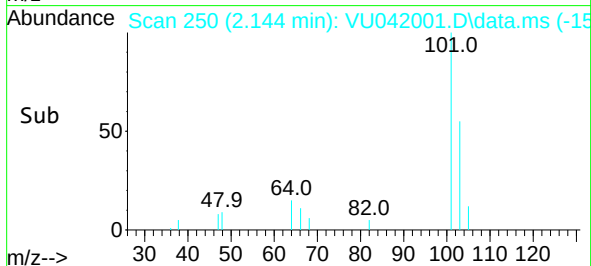
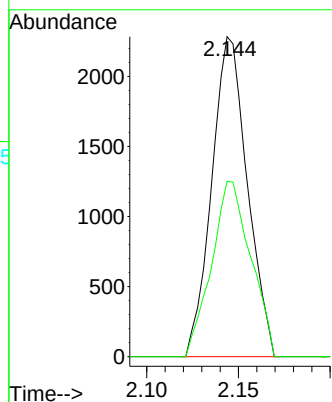
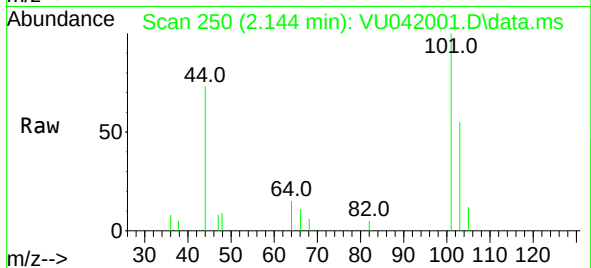
#9
Trichlorofluoromethane
Concen: 0.17 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042001.D
Acq: 13 Jan 2021 23:52

Tgt Ion:101 Resp: 3077
Ion Ratio Lower Upper
101 100
103 60.3 51.6 77.4

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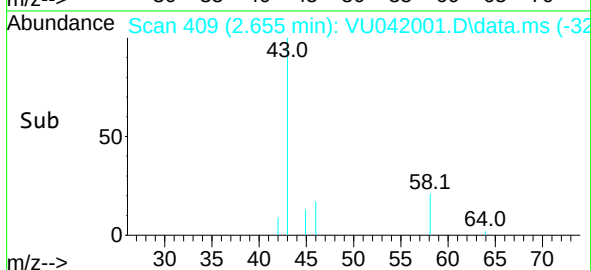
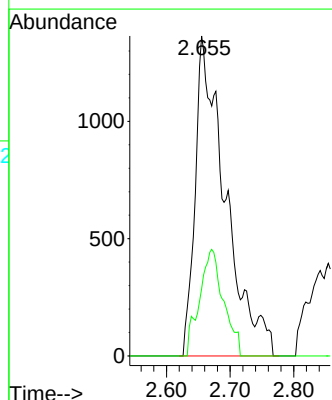
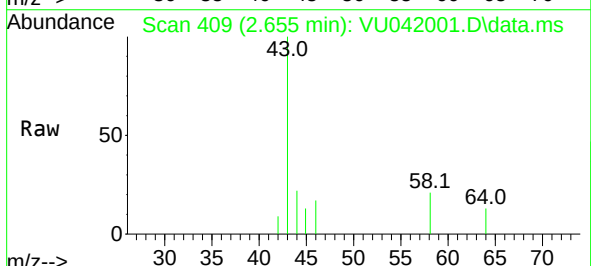
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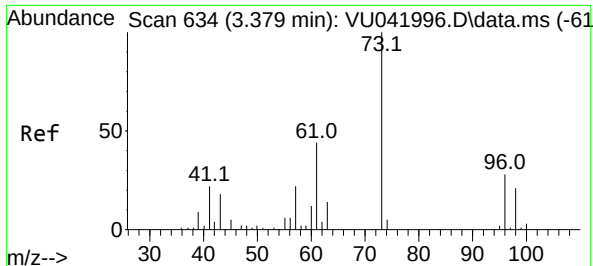
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#13
Acetone
Concen: 2.32 ug/L m
RT: 2.655 min Scan# 409
Delta R.T. -0.016 min
Lab File: VU042001.D
Acq: 13 Jan 2021 23:52

Tgt Ion: 43 Resp: 4472
Ion Ratio Lower Upper
43 100
58 26.6 0.0 57.4





#17

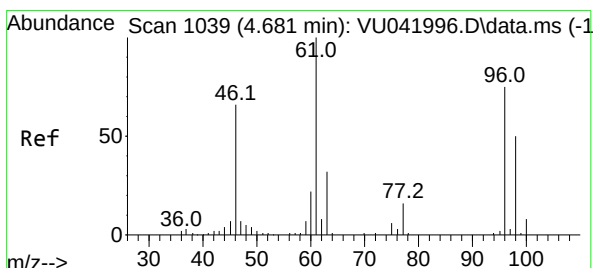
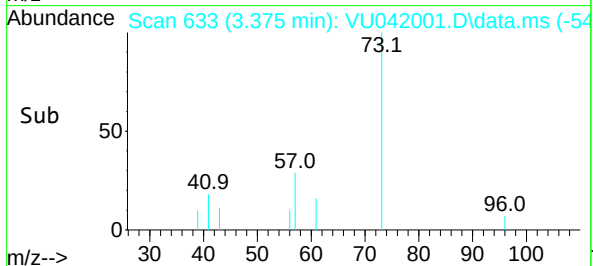
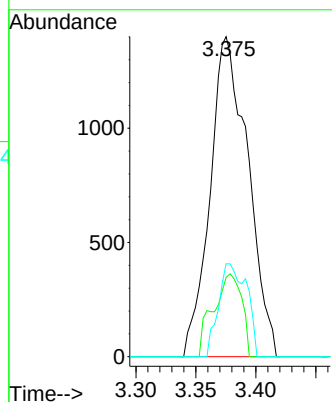
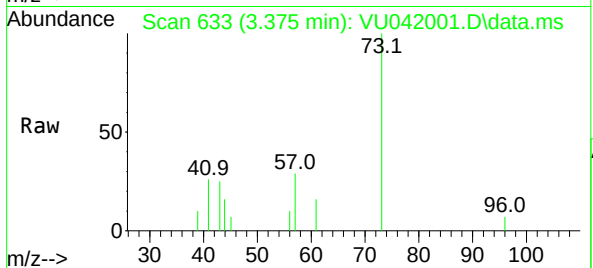
Methyl tert-butyl Ether
Concen: 0.12 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.003 min
Lab File: VU042001.D
Acq: 13 Jan 2021 23:52

Tgt Ion: 73	Resp:	3075
Ion Ratio	Lower	Upper
73	100	
43	19.3	15.1 22.7
57	21.4	18.0 27.0

Instrument :
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ClientSampled :
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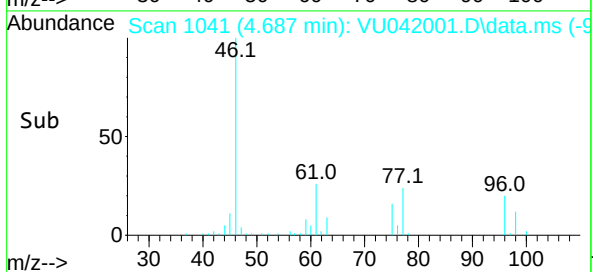
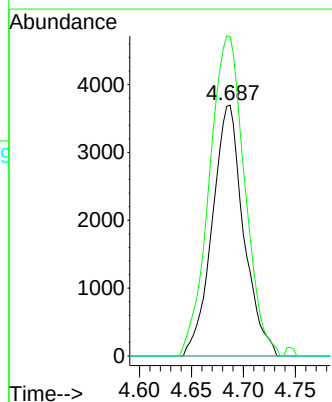
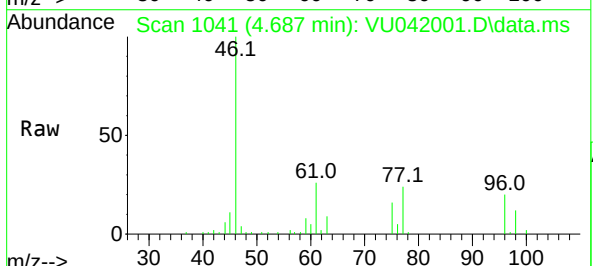
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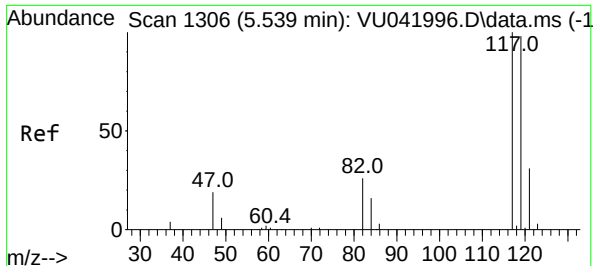


#22

cis-1,2-Dichloroethene
Concen: 0.77 ug/L
RT: 4.687 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VU042001.D
Acq: 13 Jan 2021 23:52

Tgt Ion: 96	Resp:	7769
Ion Ratio	Lower	Upper
96	100	
61	127.3	100.3 186.3
68	0.0	0.0 0.0





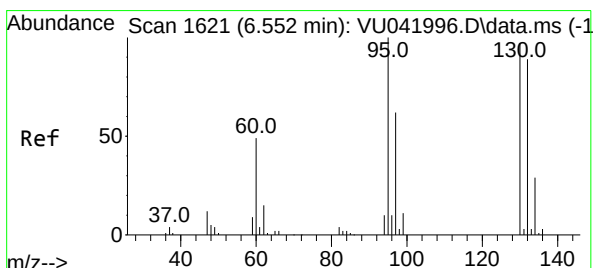
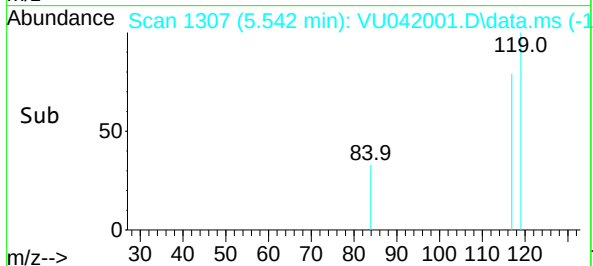
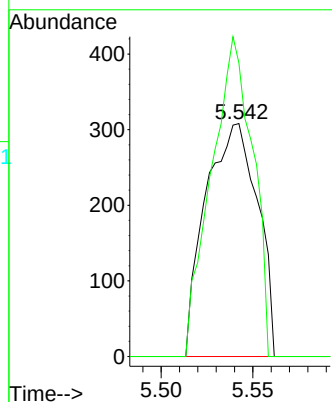
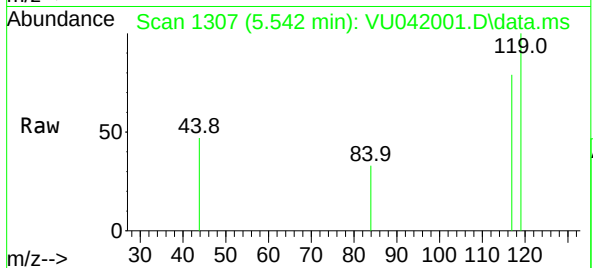
#31
Carbon tetrachloride
Concen: 0.05 ug/L
RT: 5.542 min Scan# 1307
Delta R.T. 0.003 min
Lab File: VU042001.D
Acq: 13 Jan 2021 23:52

Tgt Ion: 117 Resp: 605
Ion Ratio Lower Upper
117 100
119 109.9 76.6 114.8

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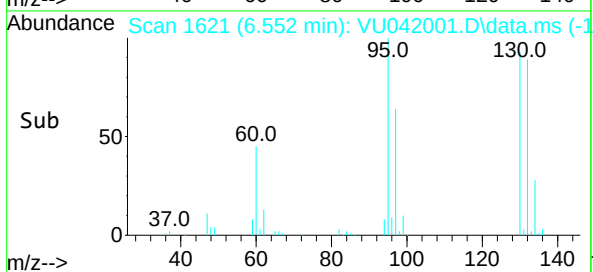
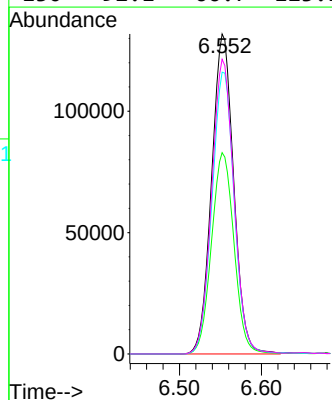
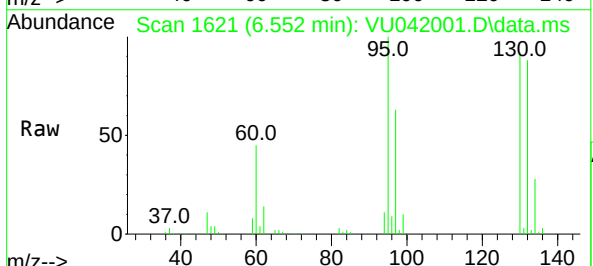
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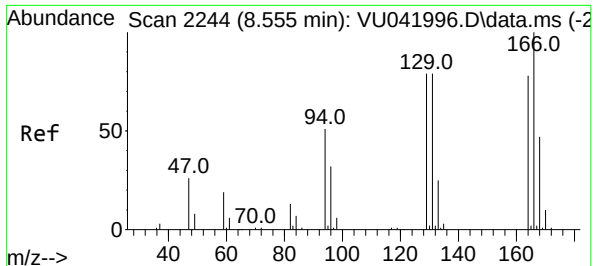
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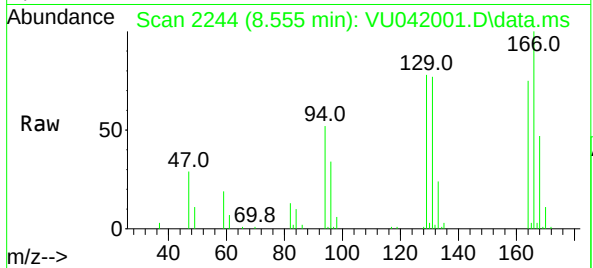
#34
Trichloroethene
Concen: 26.71 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042001.D
Acq: 13 Jan 2021 23:52

Tgt Ion: 95 Resp: 246600
Ion Ratio Lower Upper
95 100
97 62.9 43.6 81.0
132 88.1 64.3 119.3
130 92.1 66.7 123.9

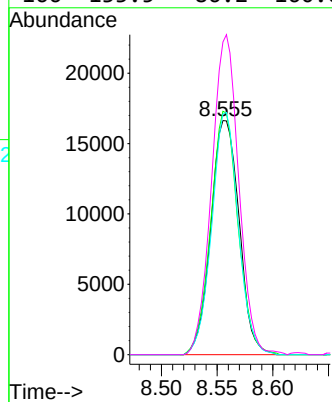
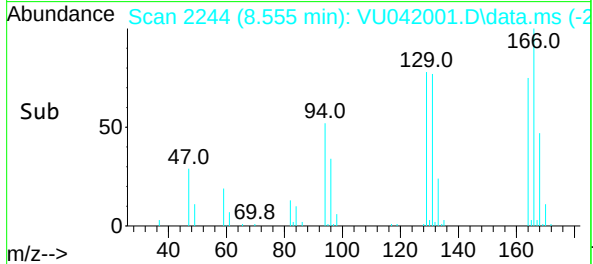




#47
Tetrachloroethene
Concen: 4.91 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042001.D
Acq: 13 Jan 2021 23:52



Tgt Ion:	164	Resp:	29355
Ion	Ratio	Lower	Upper
164	100		
129	104.0	68.7	127.5
131	102.8	65.2	121.0
166	133.5	86.2	160.0



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