

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042004.D
 Acq On : 14 Jan 2021 01:04
 Operator : SY/MD
 Sample : M1065-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN9

Manual Integrations
 APPROVED

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 1/15/2021 12:14:43 PM

Quant Time: Jan 15 02:48:52 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	6.263	114	116907	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103428	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	42934	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	40942	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.919	69	42558	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.575	63	64078	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.655	46	154645	52.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.48%
24) Chloroform-d	5.079	84	88504	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.716	65	49709	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.742	84	164152	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.700	67	56524	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.906	98	135005	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	8.185	79	21306	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.642	63	123956	54.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.72%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	42383	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.189	152	41780	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	11694	0.67	ug/L	100
13) Acetone	2.671	43	3649m	1.97	ug/L	
17) Methyl tert-butyl Ether	3.379	73	9322	0.39	ug/L	98
19) 1,1-Dichloroethane	3.890	63	1610	0.09	ug/L	87
22) cis-1,2-Dichloroethene	4.684	96	12574	1.29	ug/L	98
25) Chloroform	5.105	83	4600	0.25	ug/L	92
31) Carbon tetrachloride	5.533	117	2409	0.18	ug/L	84
34) Trichloroethene	6.552	95	364739	38.12	ug/L	98
47) Tetrachloroethene	8.558	164	44325	7.15	ug/L	95

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

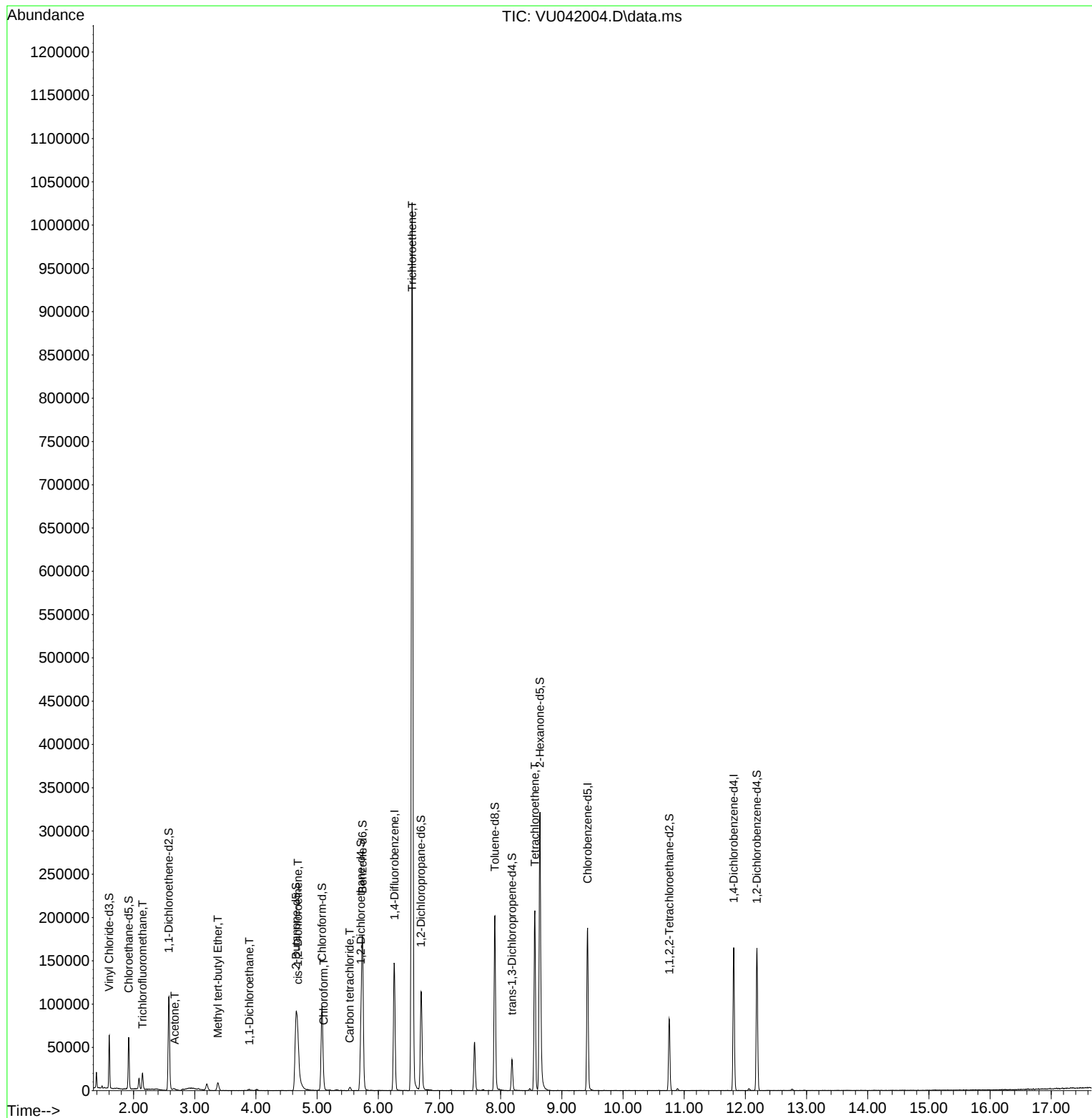
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Data File : VU042004.D
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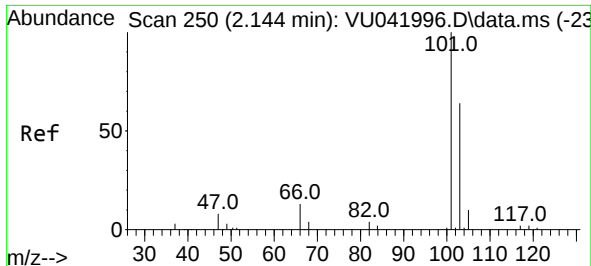
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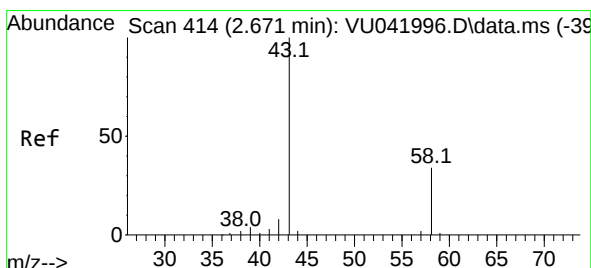
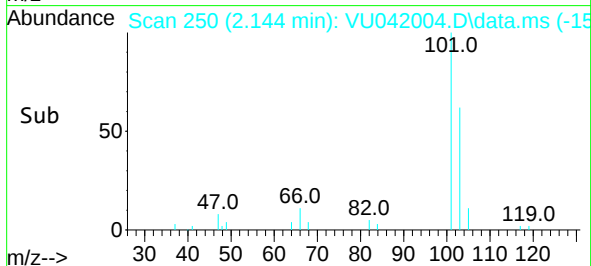
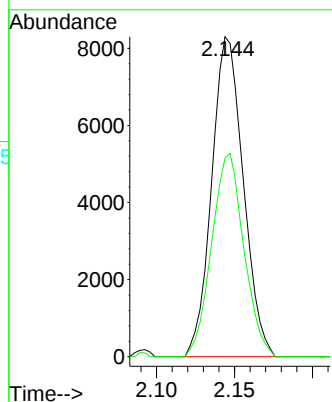
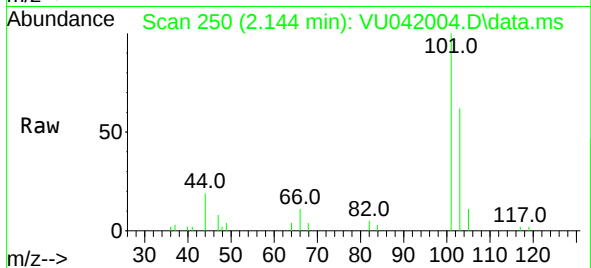
#9
Trichlorofluoromethane
Concen: 0.67 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042004.D
Acq: 14 Jan 2021 01:04

Tgt Ion:101 Resp: 11694
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

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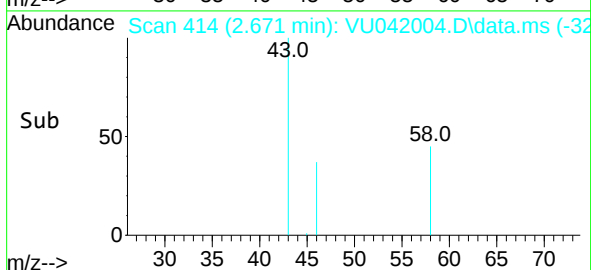
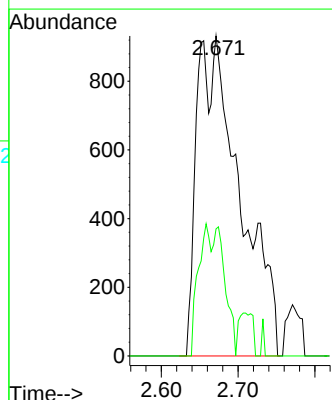
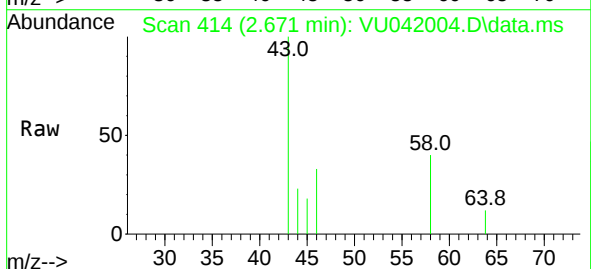
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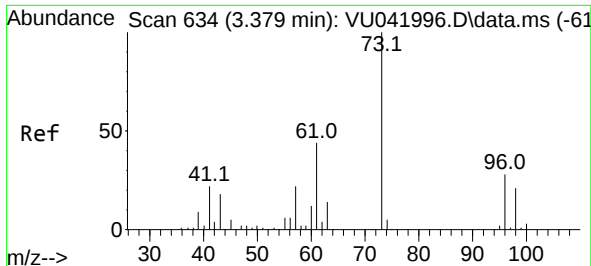
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#13
Acetone
Concen: 1.97 ug/L m
RT: 2.671 min Scan# 414
Delta R.T. -0.000 min
Lab File: VU042004.D
Acq: 14 Jan 2021 01:04

Tgt Ion: 43 Resp: 3649
Ion Ratio Lower Upper
43 100
58 11.8 0.0 57.4





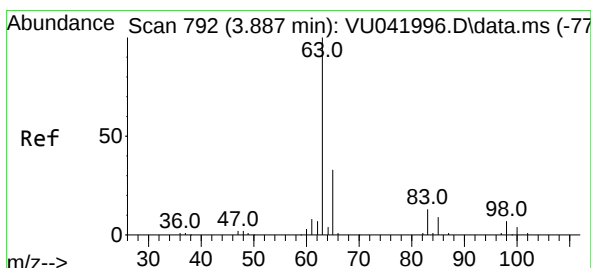
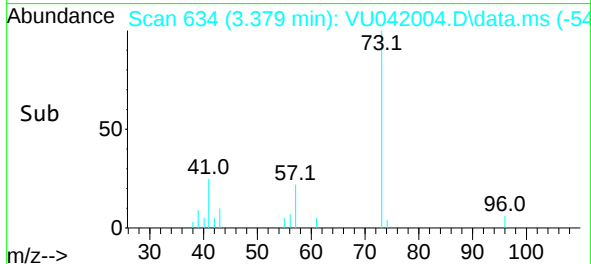
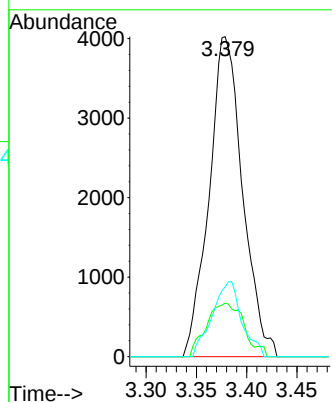
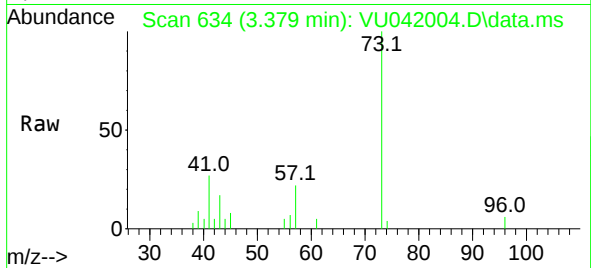
#17
Methyl tert-butyl Ether
Concen: 0.39 ug/L
RT: 3.379 min Scan# 634
Delta R.T. -0.000 min
Lab File: VU042004.D
Acq: 14 Jan 2021 01:04

Tgt Ion:	73	Resp:	9322
Ion	Ratio	Lower	Upper
73	100		
43	18.8	15.1	22.7
57	20.7	18.0	27.0

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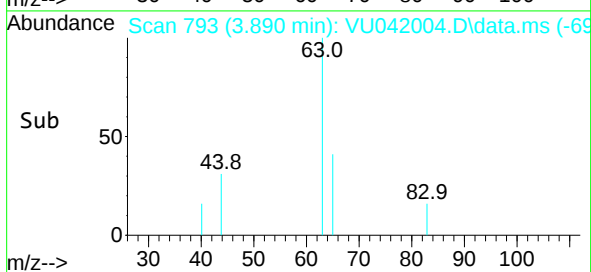
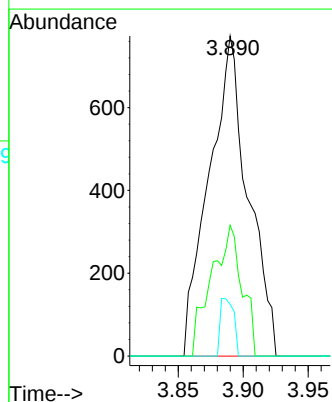
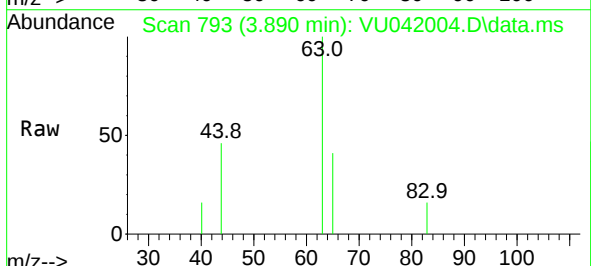
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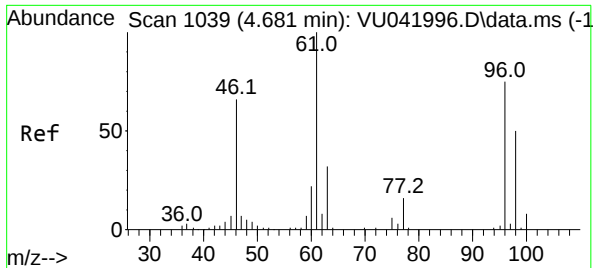
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#19
1,1-Dichloroethane
Concen: 0.09 ug/L
RT: 3.890 min Scan# 793
Delta R.T. 0.003 min
Lab File: VU042004.D
Acq: 14 Jan 2021 01:04

Tgt Ion:	63	Resp:	1610
Ion	Ratio	Lower	Upper
63	100		
65	40.9	22.7	42.1
83	16.2	9.4	17.6





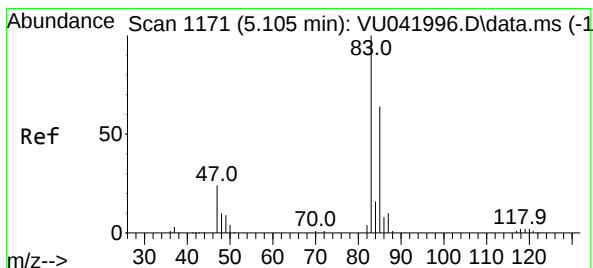
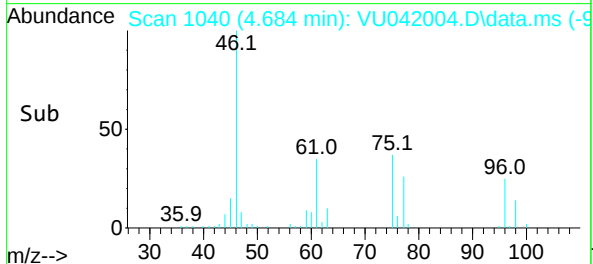
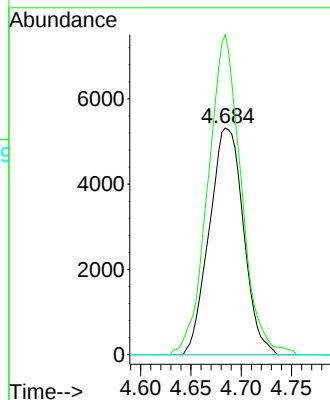
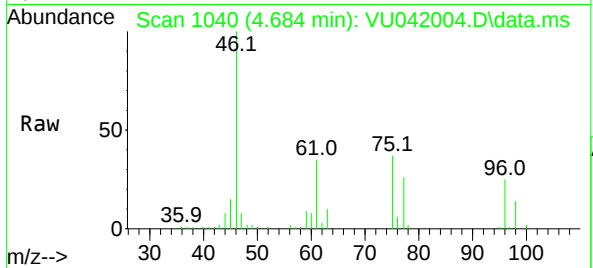
#22
cis-1,2-Dichloroethene
Concen: 1.29 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU042004.D
Acq: 14 Jan 2021 01:04

Tgt Ion: 96 Resp: 12574
Ion Ratio Lower Upper
96 100
61 141.2 100.3 186.3
68 0.0 0.0 0.0

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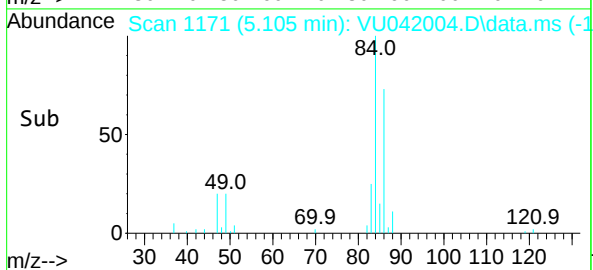
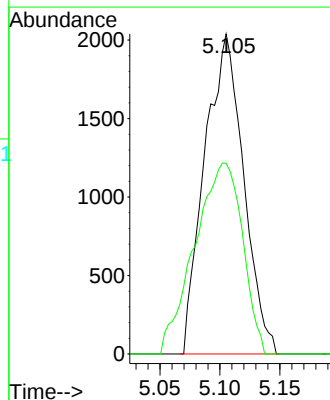
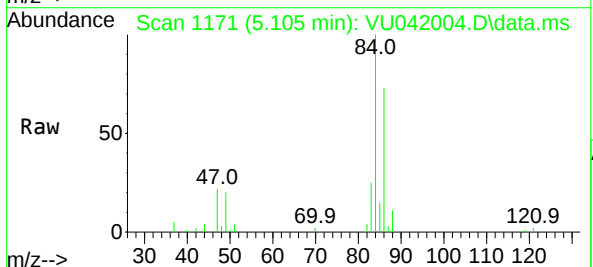
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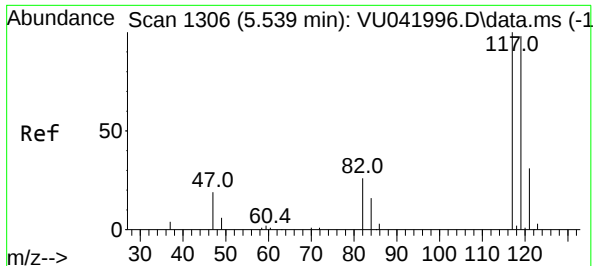
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#25
Chloroform
Concen: 0.25 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VU042004.D
Acq: 14 Jan 2021 01:04

Tgt Ion: 83 Resp: 4600
Ion Ratio Lower Upper
83 100
85 59.6 46.1 85.7





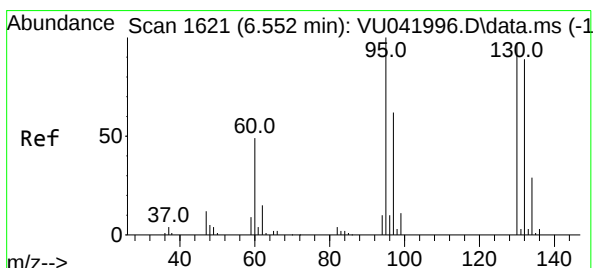
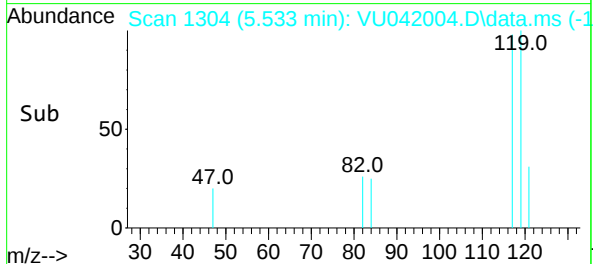
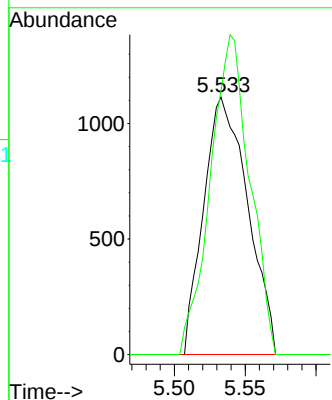
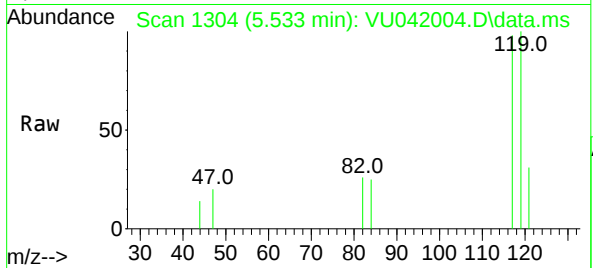
#31
Carbon tetrachloride
Concen: 0.18 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VU042004.D
Acq: 14 Jan 2021 01:04

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Tgt Ion: 117 Resp: 2409
Ion Ratio Lower Upper
117 100
119 110.9 76.6 114.8

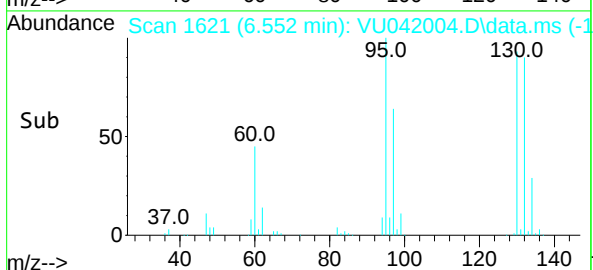
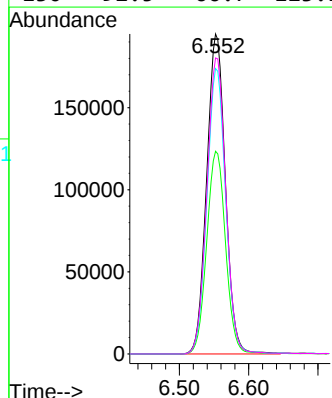
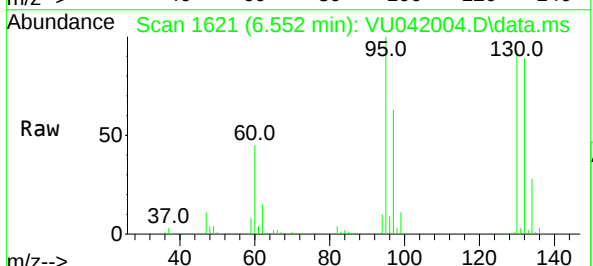
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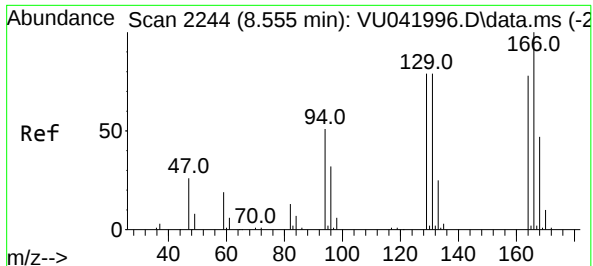
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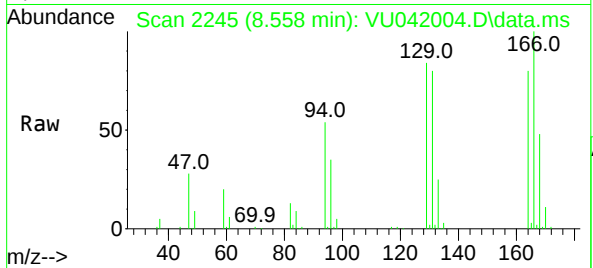
#34
Trichloroethene
Concen: 38.12 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042004.D
Acq: 14 Jan 2021 01:04

Tgt Ion: 95 Resp: 364739
Ion Ratio Lower Upper
95 100
97 63.3 43.6 81.0
132 89.2 64.3 119.3
130 92.5 66.7 123.9

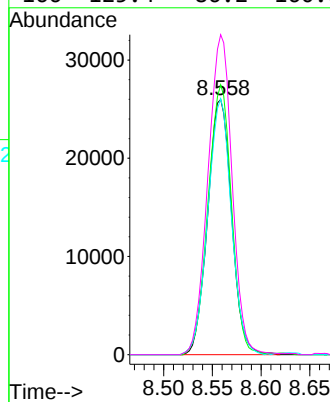
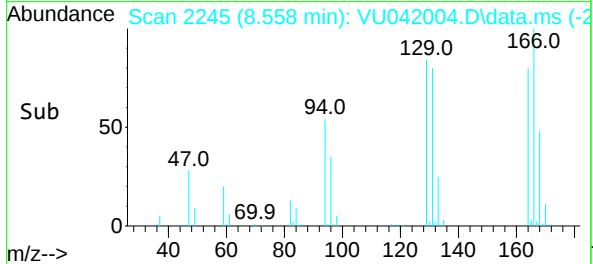




#47
Tetrachloroethene
Concen: 7.15 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042004.D
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Tgt Ion:164	Resp:	44325
Ion	Ratio	Lower Upper
164	100	
129	105.8	68.7 127.5
131	100.3	65.2 121.0
166	125.4	86.2 160.0



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