

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042043.D
 Acq On : 14 Jan 2021 20:00
 Operator : SY/MD
 Sample : M1065-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP0

Manual Integrations
 APPROVED

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 1/15/2021 3:27:59 PM

Quant Time: Jan 15 06:35:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	125886	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	122558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	49413	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35002	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.919	69	37745	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.575	63	56481	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.652	46	141125	44.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.54%
24) Chloroform-d	5.080	84	88014	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.716	65	48819	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.742	84	167416	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.700	67	58112	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.903	98	138968	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloroprop...	8.186	79	21945	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.642	63	128423	47.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.94%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	50400	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.189	152	49222	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	5751	0.31	ug/L	100
13) Acetone	2.662	43	3397m	1.70	ug/L	
17) Methyl tert-butyl Ether	3.379	73	4635	0.18	ug/L	97
22) cis-1,2-Dichloroethene	4.684	96	8857	0.85	ug/L	85
25) Chloroform	5.102	83	6790	0.35	ug/L	98
31) Carbon tetrachloride	5.536	117	757	0.05	ug/L #	76
34) Trichloroethene	6.552	95	163125	14.39	ug/L	98
47) Tetrachloroethene	8.555	164	35240	4.80	ug/L	96

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

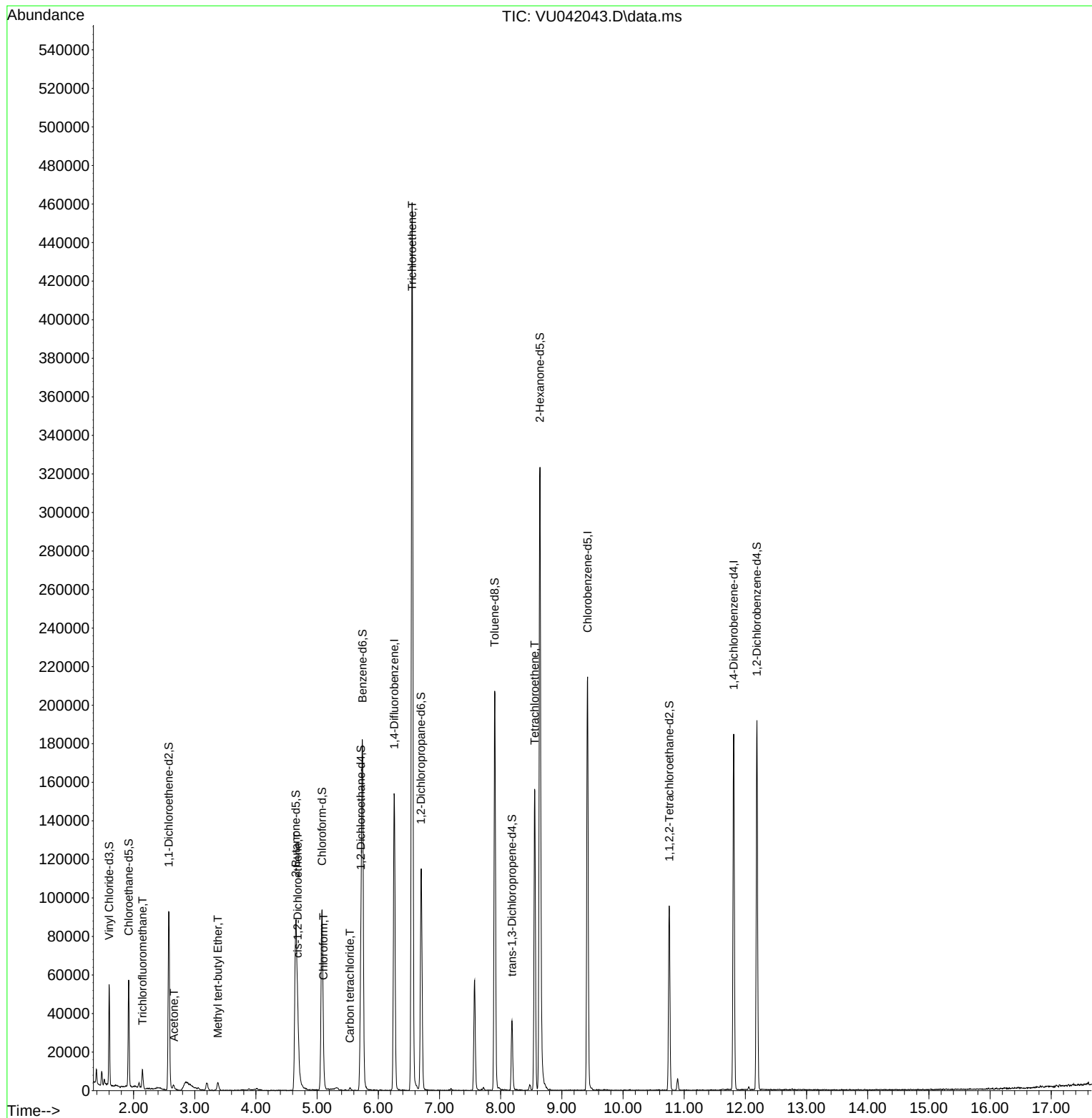
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
Data File : VU042043.D
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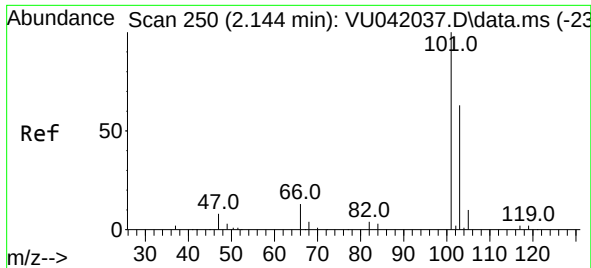
Instrument :
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ClientSampleId :
BFXP0

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Response via : Initial Calibration





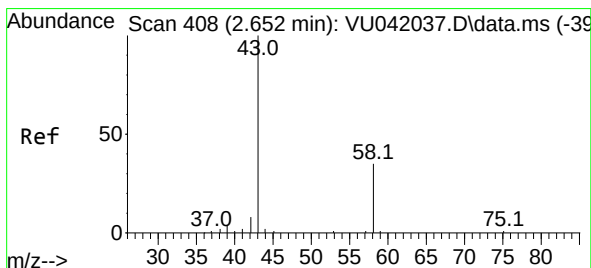
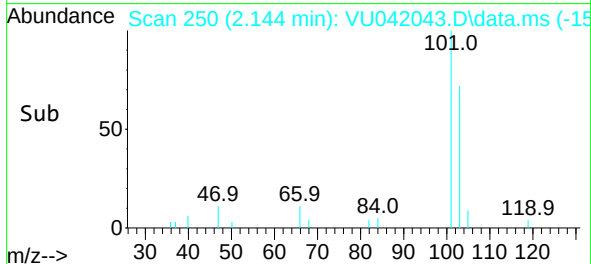
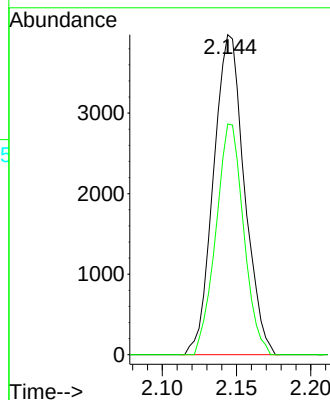
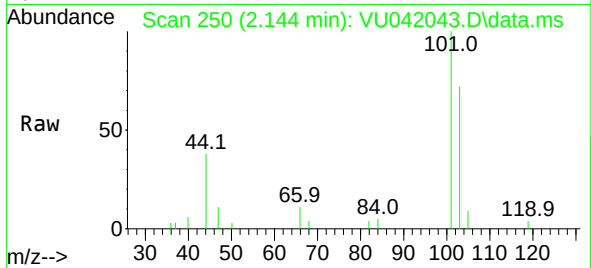
#9
Trichlorofluoromethane
Concen: 0.31 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion: 101 Resp: 5751
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

Instrument :
MSVOA_U
ClientSampled :
BFXP0

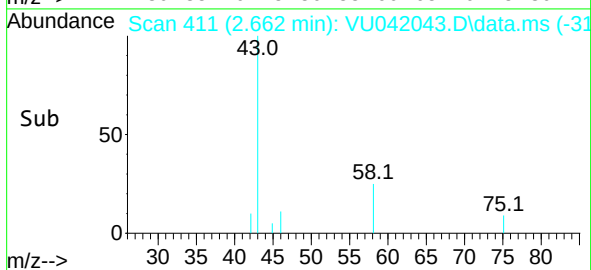
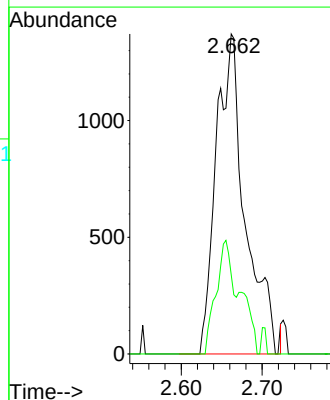
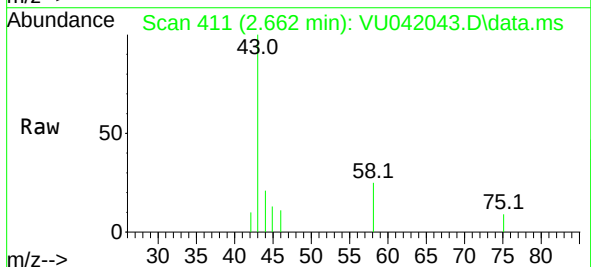
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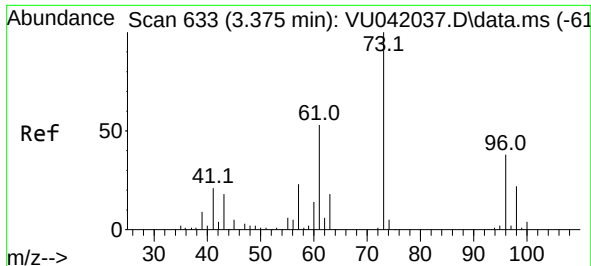
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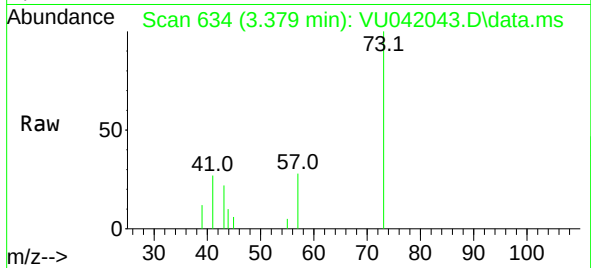
#13
Acetone
Concen: 1.70 ug/L m
RT: 2.662 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion: 43 Resp: 3397
Ion Ratio Lower Upper
43 100
58 20.6 0.0 57.4

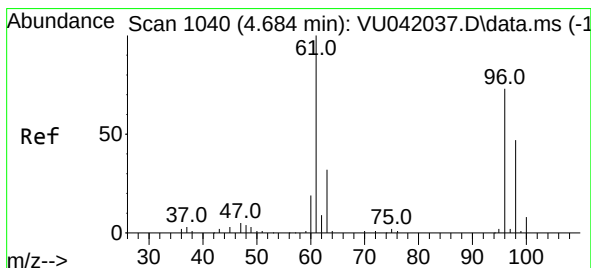
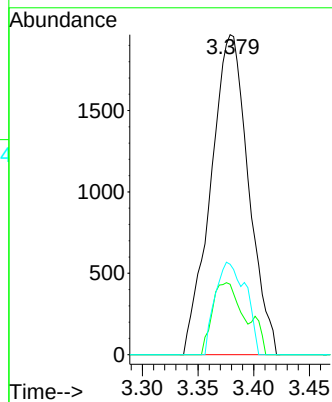
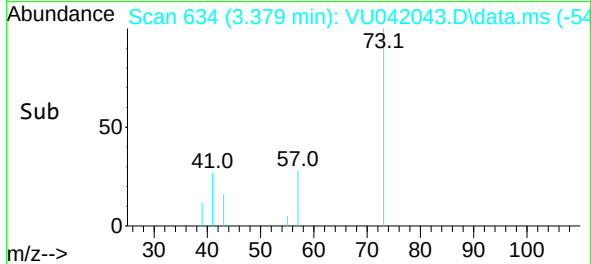




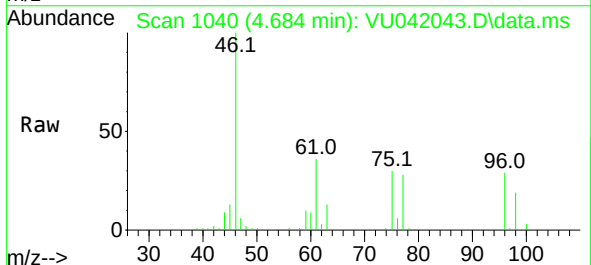
#17
Methyl tert-butyl Ether
Concen: 0.18 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00



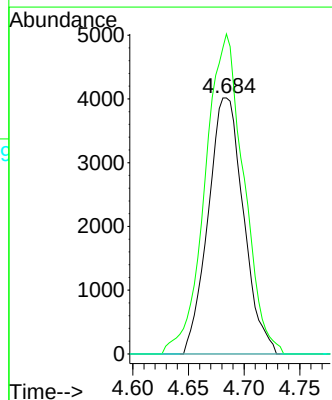
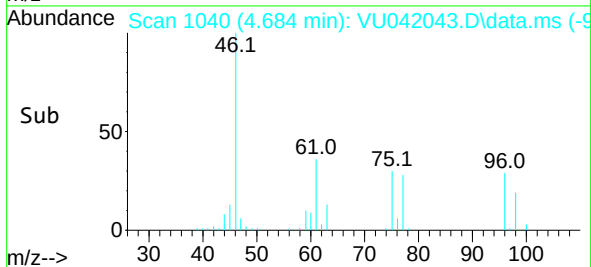
Tgt Ion: 73 Resp: 4635
Ion Ratio Lower Upper
73 100
43 16.7 15.1 22.7
57 23.4 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.85 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00



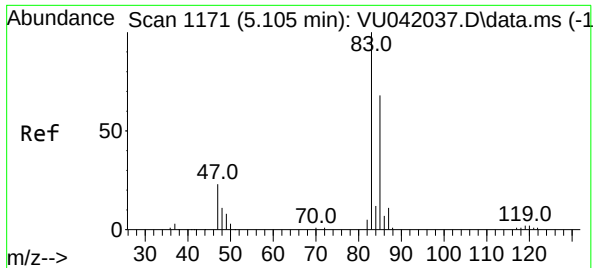
Tgt Ion: 96 Resp: 8857
Ion Ratio Lower Upper
96 100
61 125.0 100.3 186.3
68 0.0 0.0 0.0



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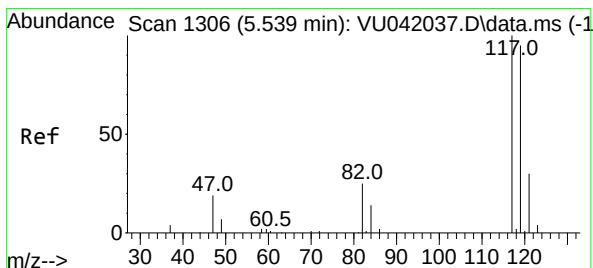
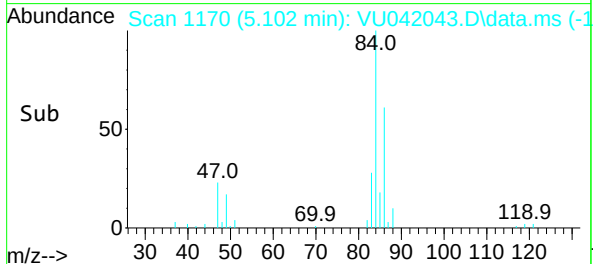
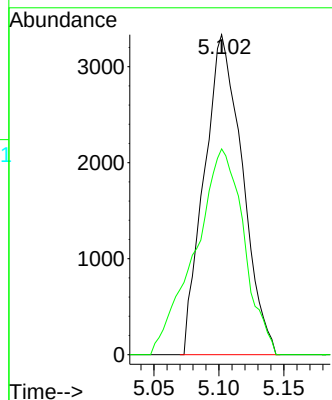
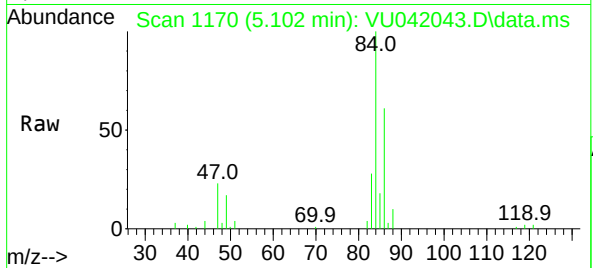
#25
Chloroform
Concen: 0.35 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion: 83 Resp: 6790
Ion Ratio Lower Upper
83 100
85 64.3 46.1 85.7

Instrument :
MSVOA_U
ClientSampled :
BFXP0

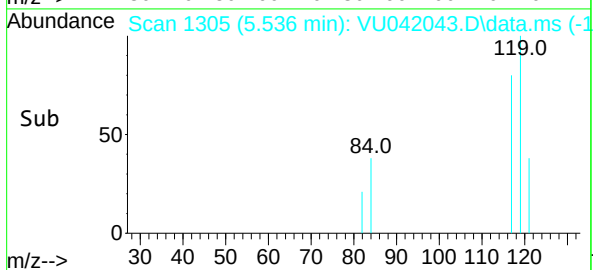
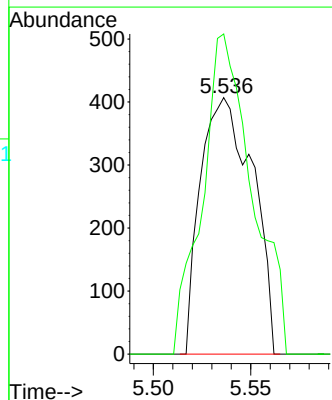
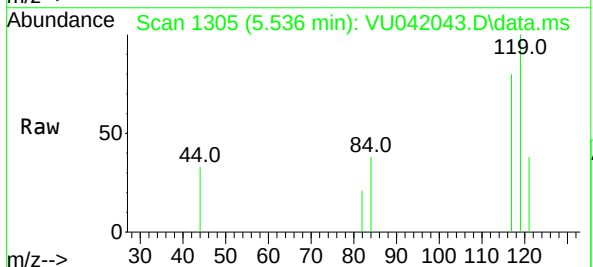
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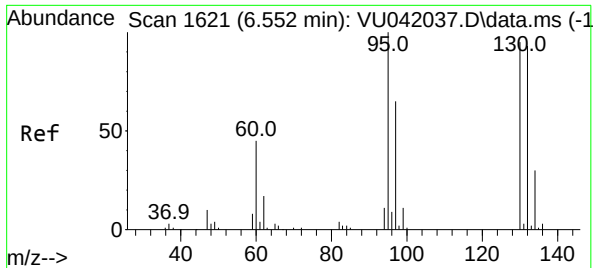
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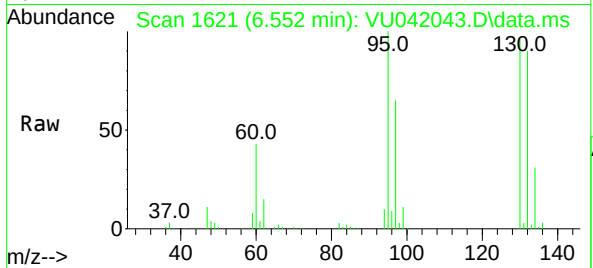
#31
Carbon tetrachloride
Concen: 0.05 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.003 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion: 117 Resp: 757
Ion Ratio Lower Upper
117 100
119 119.3 76.6 114.8#



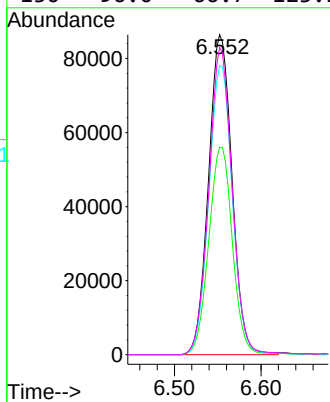


#34
Trichloroethene
Concen: 14.39 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00



Tgt Ion: 95 Resp: 163125

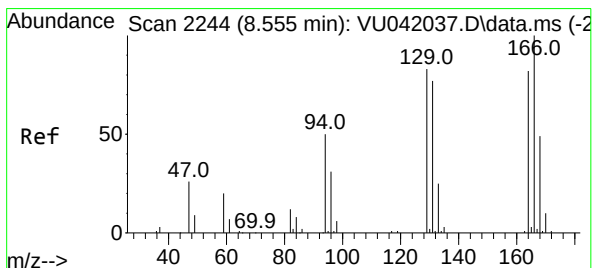
Ion	Ratio	Lower	Upper
95	100		
97	64.9	43.6	81.0
132	90.3	64.3	119.3
130	96.0	66.7	123.9



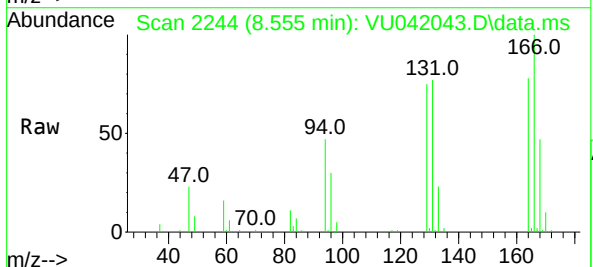
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#47
Tetrachloroethene
Concen: 4.80 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00



Tgt Ion: 164 Resp: 35240

Ion	Ratio	Lower	Upper
164	100		
129	96.6	68.7	127.5
131	98.3	65.2	121.0
166	128.4	86.2	160.0

