

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042051.D
 Acq On : 14 Jan 2021 23:13
 Operator : SY/MD
 Sample : M1065-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP1

Manual Integrations
 APPROVED

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 1/15/2021 3:28:14 PM

Quant Time: Jan 15 06:38:31 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	6.263	114	106689	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	39856	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34617	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.919	69	39139	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.575	63	56644	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.652	46	124799	46.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.38%
24) Chloroform-d	5.080	84	72954	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.716	65	43660	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.742	84	138019	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.700	67	55350	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.906	98	136896	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	8.182	79	20203	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.642	63	110318	52.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.02%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	40053	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.189	152	40794	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	4680	0.29	ug/L	99
13) Acetone	2.655	43	2601m	1.54	ug/L	
17) Methyl tert-butyl Ether	3.382	73	4492	0.21	ug/L	93
22) cis-1,2-Dichloroethene	4.684	96	9004	1.02	ug/L	93
25) Chloroform	5.105	83	5366	0.32	ug/L	97
31) Carbon tetrachloride	5.539	117	1002	0.08	ug/L	94
34) Trichloroethene	6.552	95	138759	15.45	ug/L	98
47) Tetrachloroethene	8.559	164	22364	3.84	ug/L	99

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

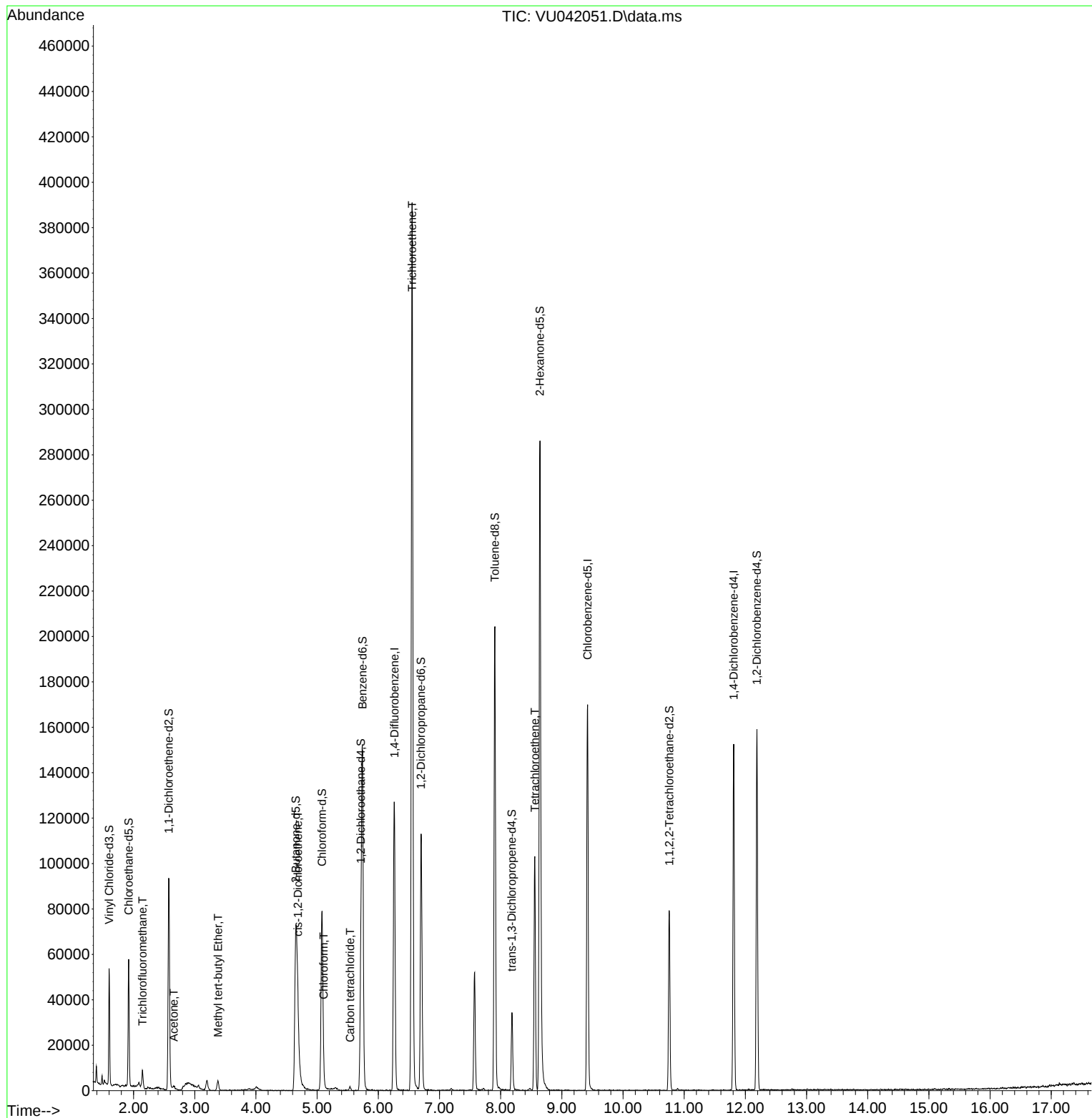
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
Data File : VU042051.D
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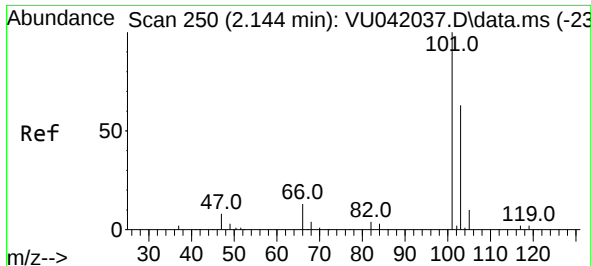
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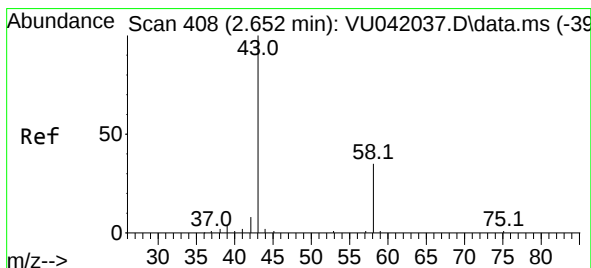
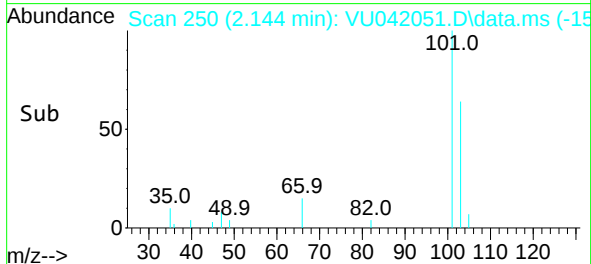
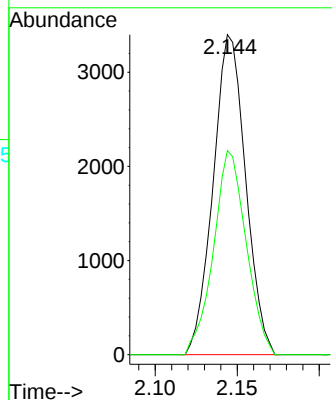
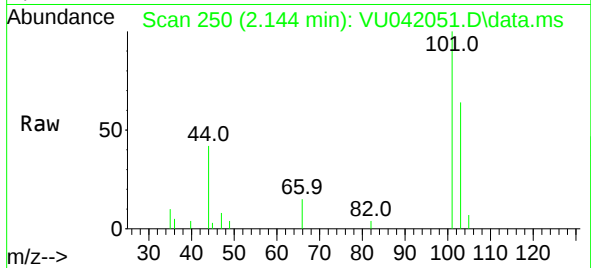
#9
Trichlorofluoromethane
Concen: 0.29 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 101 Resp: 4680
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

Instrument :
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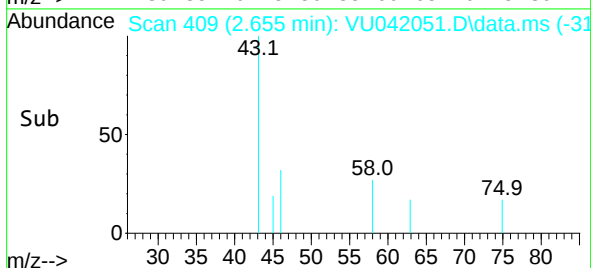
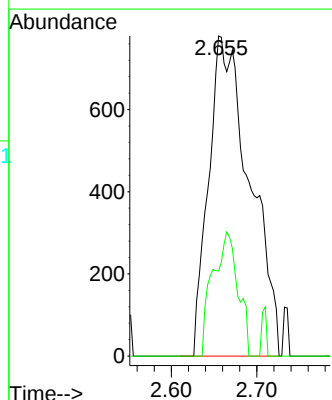
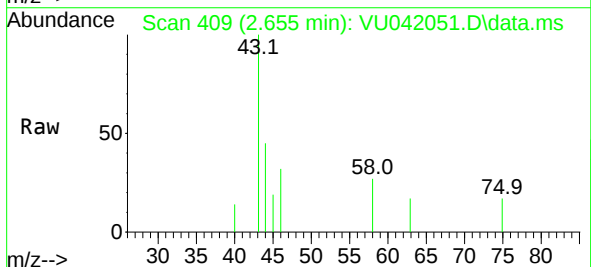
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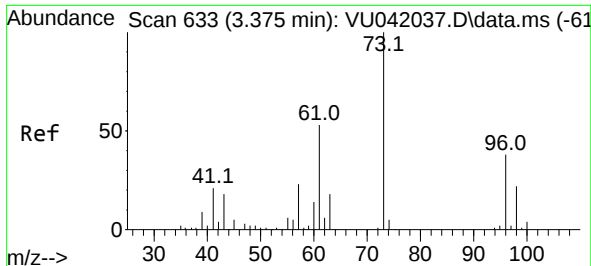
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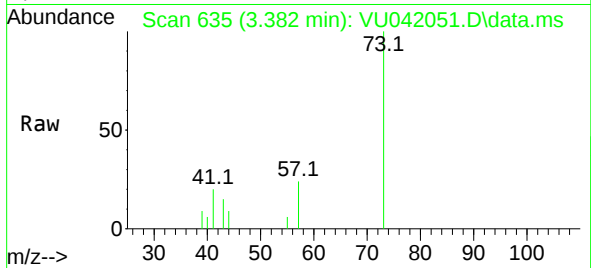
#13
Acetone
Concen: 1.54 ug/L m
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 43 Resp: 2601
Ion Ratio Lower Upper
43 100
58 23.8 0.0 57.4

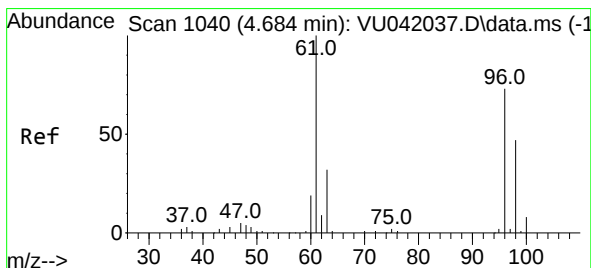
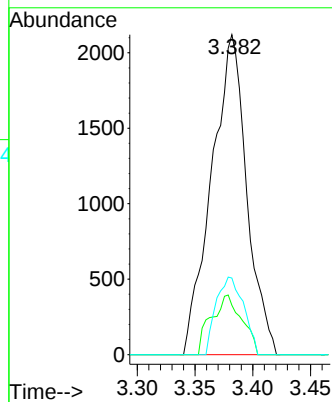
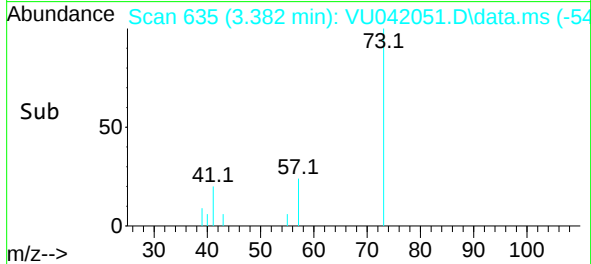




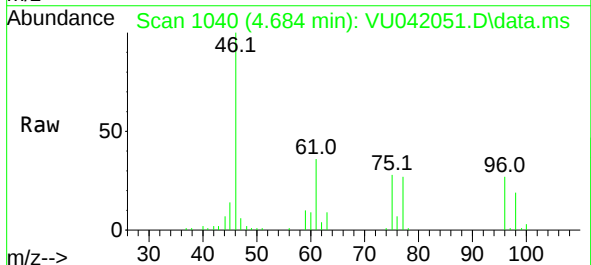
#17
Methyl tert-butyl Ether
Concen: 0.21 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.007 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13



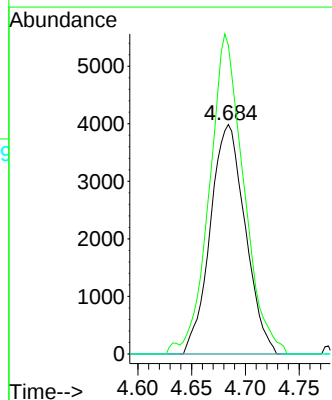
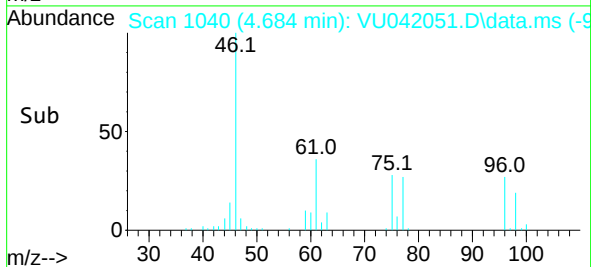
Tgt Ion: 73 Resp: 4492
Ion Ratio Lower Upper
73 100
43 16.2 15.1 22.7
57 18.9 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 1.02 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13



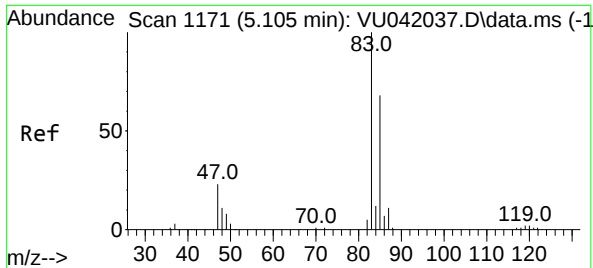
Tgt Ion: 96 Resp: 9004
Ion Ratio Lower Upper
96 100
61 134.5 100.3 186.3
68 0.0 0.0 0.0



Instrument :
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#25

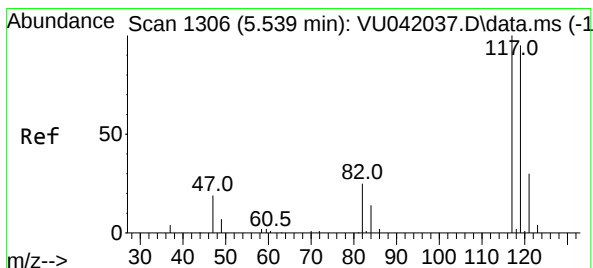
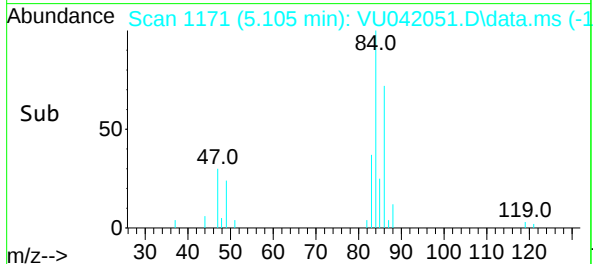
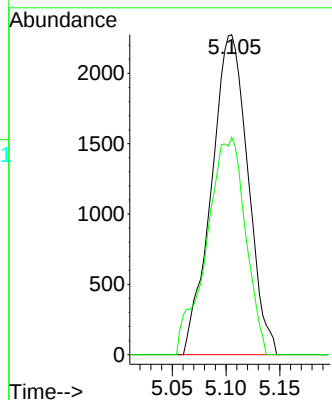
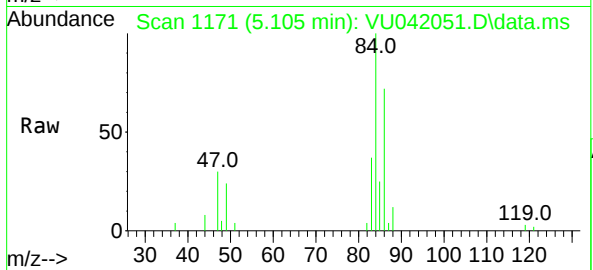
Chloroform
Concen: 0.32 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 83 Resp: 5366
Ion Ratio Lower Upper
83 100
85 67.9 46.1 85.7

Instrument :
MSVOA_U
ClientSampleId :
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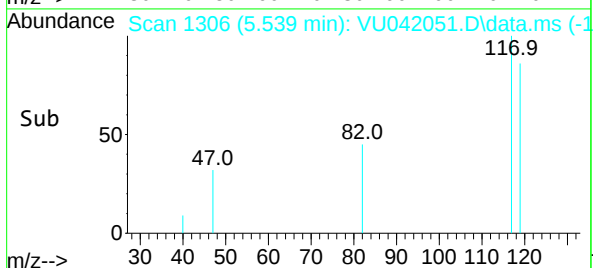
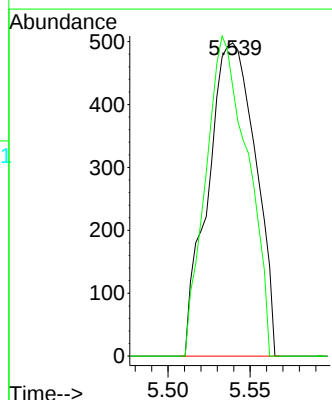
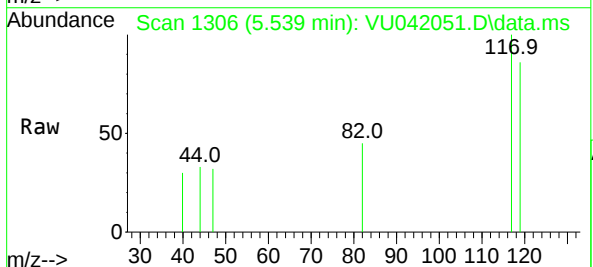
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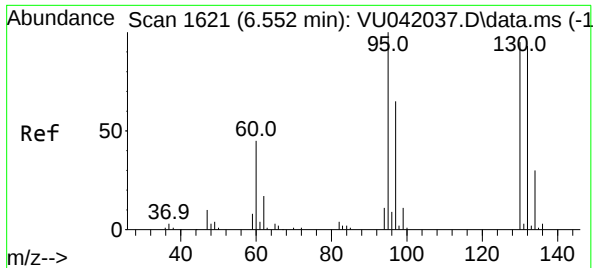


#31

Carbon tetrachloride
Concen: 0.08 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 117 Resp: 1002
Ion Ratio Lower Upper
117 100
119 90.0 76.6 114.8





#34
Trichloroethene
Concen: 15.45 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

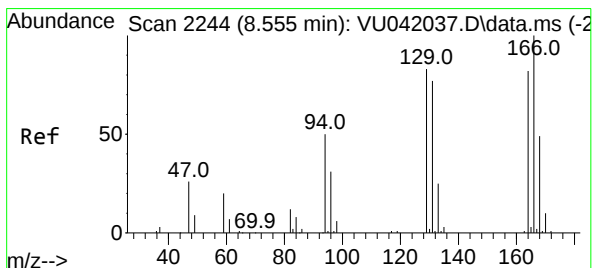
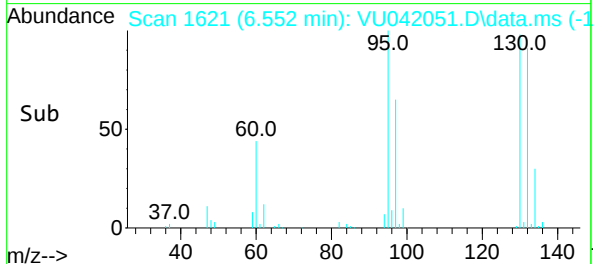
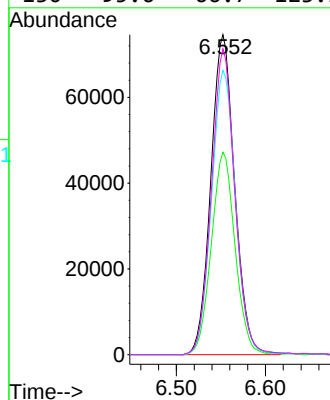
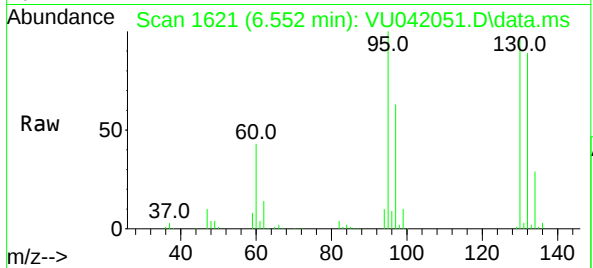
Tgt Ion: 95 Resp: 138759

Ion	Ratio	Lower	Upper
95	100		
97	63.3	43.6	81.0
132	88.8	64.3	119.3
130	95.6	66.7	123.9

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#47
Tetrachloroethene
Concen: 3.84 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 164 Resp: 22364

Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.7	127.5
131	93.5	65.2	121.0
166	120.2	86.2	160.0

