

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042039.D
 Acq On : 14 Jan 2021 18:24
 Operator : SY/MD
 Sample : M1027-20DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 BFXN8DL

Quant Time: Jan 15 06:33:37 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)

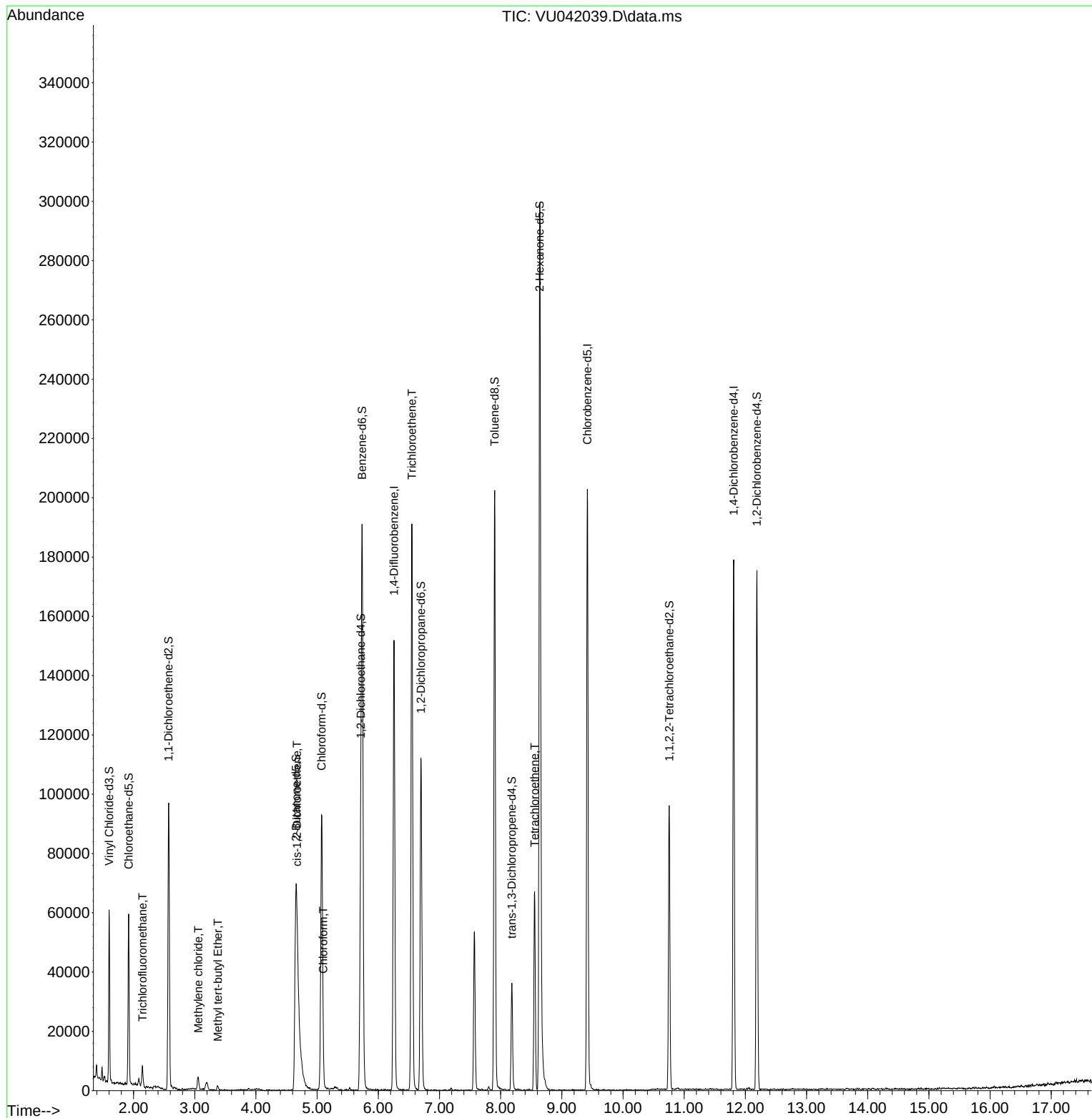
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	124338	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	113136	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	47155	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39477	4.21	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.20%	
7) Chloroethane-d5	1.919	69	40954	4.61	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.20%	
11) 1,1-Dichloroethene-d2	2.571	63	58579	3.10	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.00%	
20) 2-Butanone-d5	4.655	46	161912	51.42	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.84%	
24) Chloroform-d	5.073	84	88372	4.60	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.00%	
26) 1,2-Dichloroethane-d4	5.713	65	52036	4.97	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.40%	
32) Benzene-d6	5.735	84	176539	4.82	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.40%	
36) 1,2-Dichloropropane-d6	6.697	67	56032	4.67	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.40%	
41) Toluene-d8	7.902	98	135349	4.14	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.80%	
43) trans-1,3-Dichloroprop...	8.182	79	21011	4.36	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.20%	
46) 2-Hexanone-d5	8.639	63	119498	48.35	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.70%	
57) 1,1,2,2-Tetrachloroeth...	10.754	84	48551	5.32	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.40%	
64) 1,2-Dichlorobenzene-d4	12.188	152	45434	5.12	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.40%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	4047	0.22	ug/L	96
16) Methylene chloride	3.057	84	2050	0.18	ug/L	89
17) Methyl tert-butyl Ether	3.375	73	1508	0.06	ug/L #	82
22) cis-1,2-Dichloroethene	4.671	96	2416	0.23	ug/L	99
25) Chloroform	5.099	83	1757	0.09	ug/L	92
34) Trichloroethene	6.549	95	68348	6.53	ug/L	98
47) Tetrachloroethene	8.555	164	14191	2.09	ug/L	96

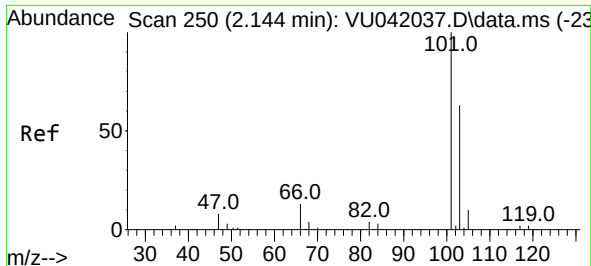
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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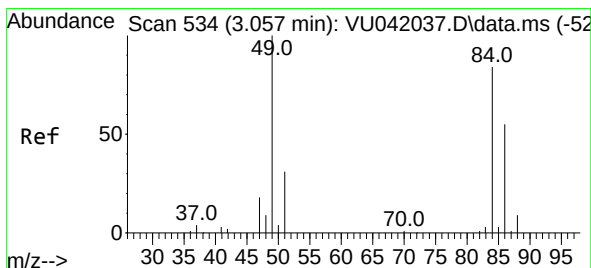
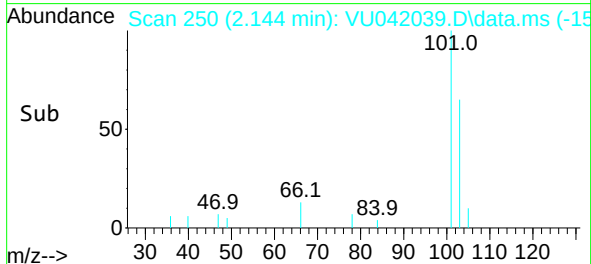
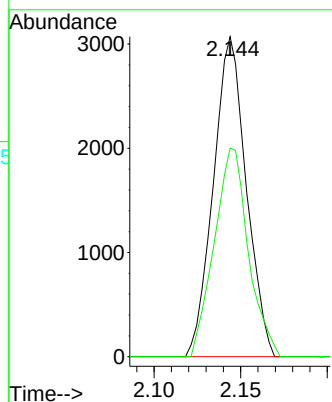
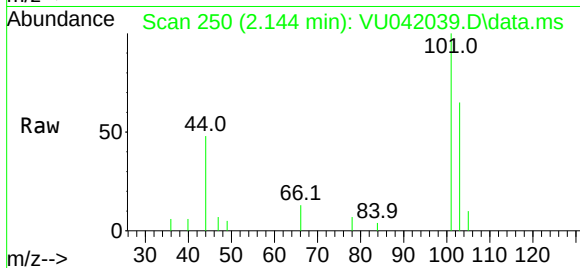




#9
 Trichlorofluoromethane
 Concen: 0.22 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. 0.000 min
 Lab File: VU042039.D
 Acq: 14 Jan 2021 18:24

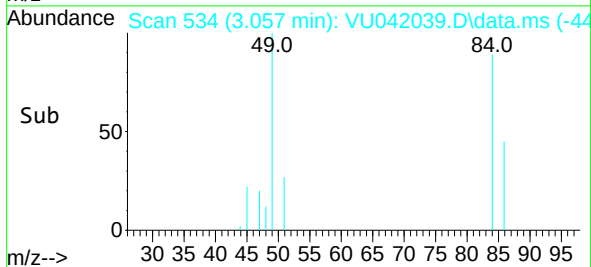
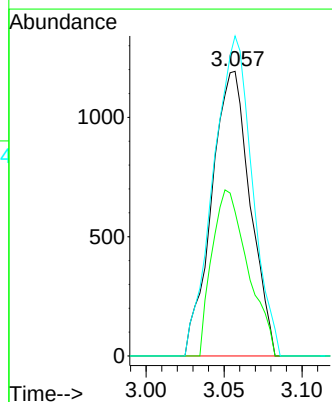
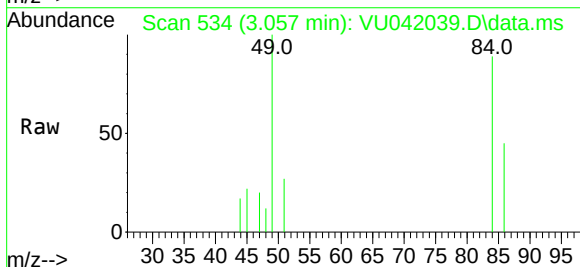
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN8DL

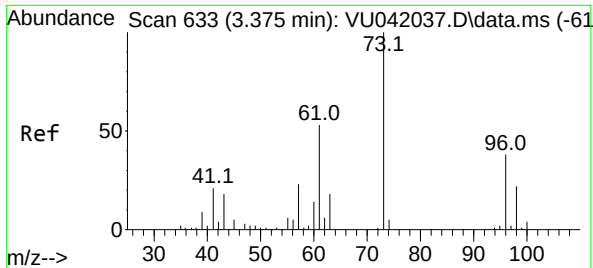
Tgt Ion:101 Resp: 4047
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.6 77.4



#16
 Methylene chloride
 Concen: 0.18 ug/L
 RT: 3.057 min Scan# 534
 Delta R.T. 0.000 min
 Lab File: VU042039.D
 Acq: 14 Jan 2021 18:24

Tgt Ion: 84 Resp: 2050
 Ion Ratio Lower Upper
 84 100
 86 50.6 42.6 79.0
 49 112.4 86.2 160.0



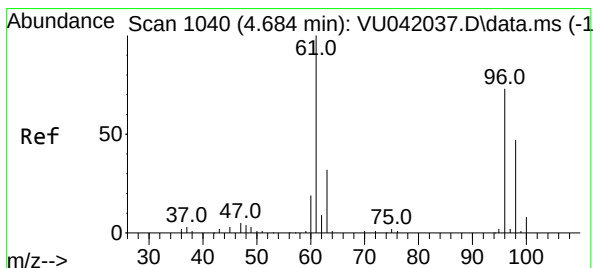
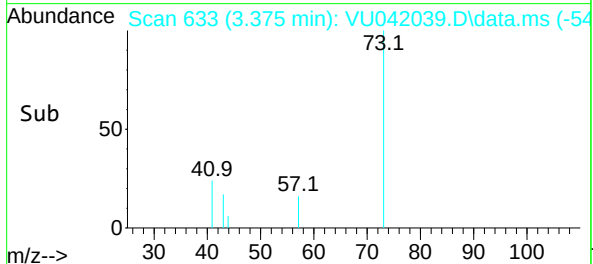
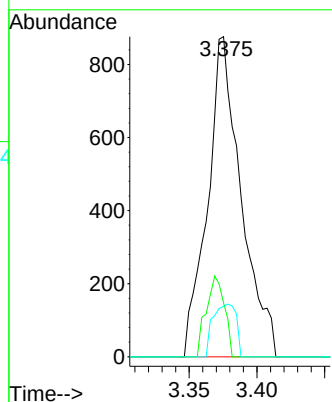
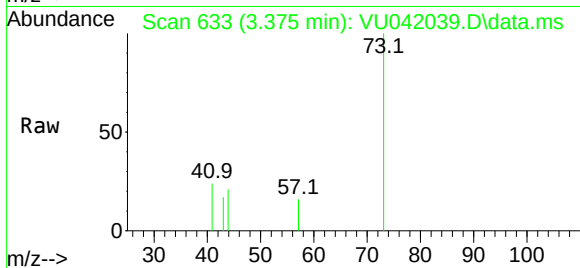


#17

Methyl tert-butyl Ether
 Concen: 0.06 ug/L
 RT: 3.375 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VU042039.D
 Acq: 14 Jan 2021 18:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN8DL

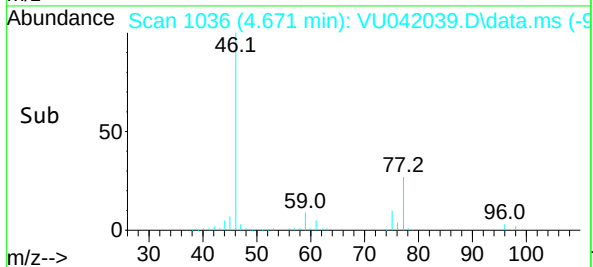
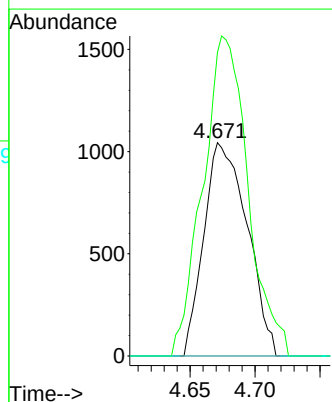
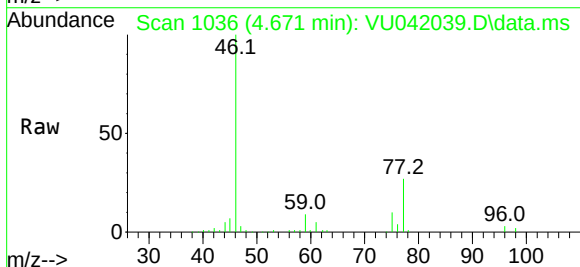
Tgt Ion: 73 Resp: 1508
 Ion Ratio Lower Upper
 73 100
 43 13.7 15.1 22.7#
 57 11.3 18.0 27.0#

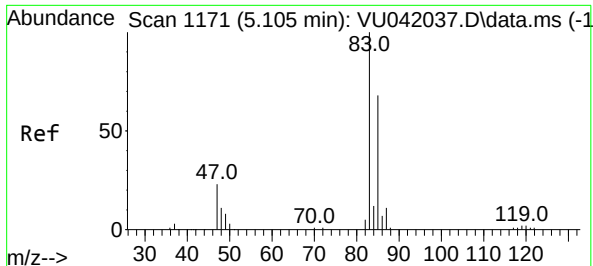


#22

cis-1,2-Dichloroethene
 Concen: 0.23 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.013 min
 Lab File: VU042039.D
 Acq: 14 Jan 2021 18:24

Tgt Ion: 96 Resp: 2416
 Ion Ratio Lower Upper
 96 100
 61 142.3 100.3 186.3
 68 0.0 0.0 0.0



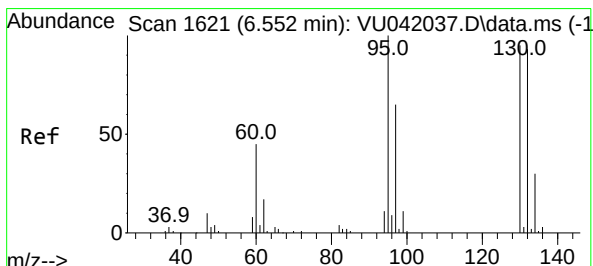
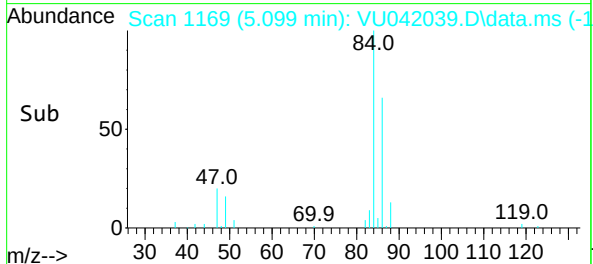
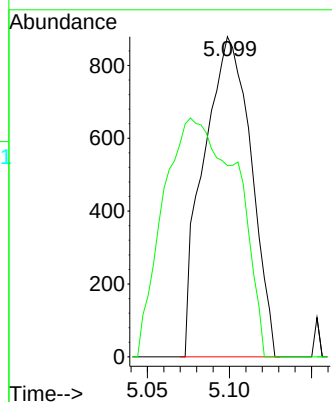
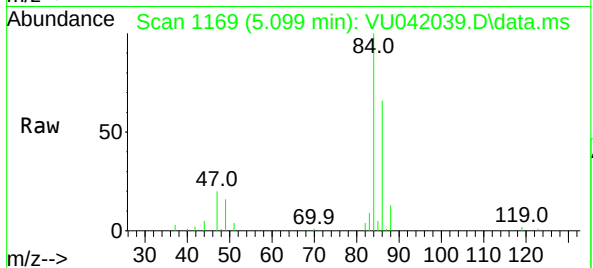


#25

Chloroform
Concen: 0.09 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

Instrument :
MSVOA_U
ClientSampleId :
BFXN8DL

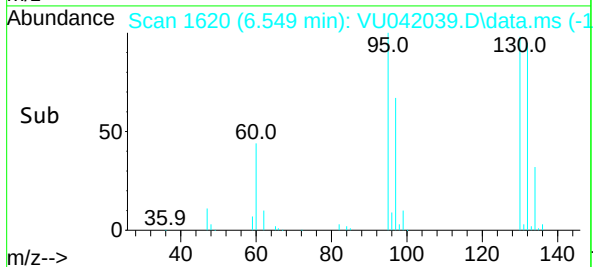
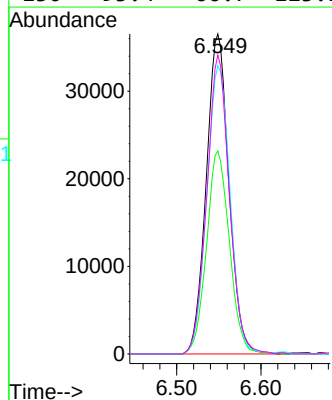
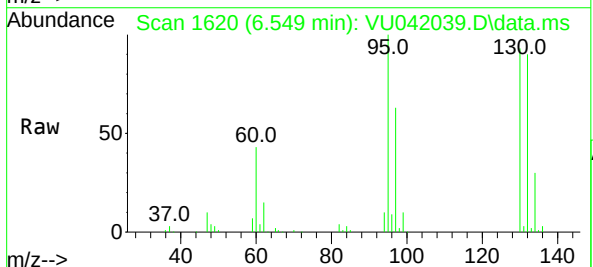
Tgt Ion: 83 Resp: 1757
Ion Ratio Lower Upper
83 100
85 59.7 46.1 85.7

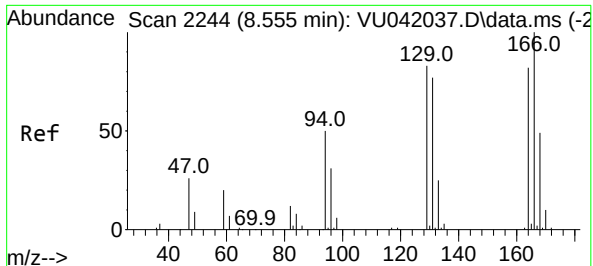


#34

Trichloroethene
Concen: 6.53 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042039.D
Acq: 14 Jan 2021 18:24

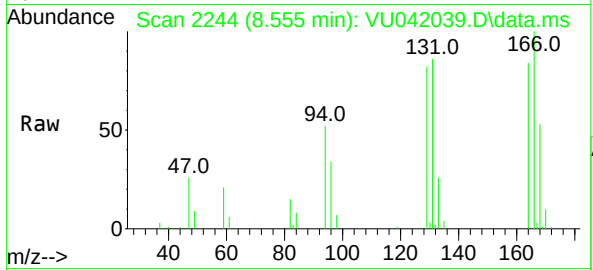
Tgt Ion: 95 Resp: 68348
Ion Ratio Lower Upper
95 100
97 63.5 43.6 81.0
132 90.1 64.3 119.3
130 93.4 66.7 123.9





#47
 Tetrachloroethene
 Concen: 2.09 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: VU042039.D
 Acq: 14 Jan 2021 18:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN8DL



Tgt Ion:	164	Resp:	14191
Ion	Ratio	Lower	Upper
164	100		
129	98.2	68.7	127.5
131	103.1	65.2	121.0
166	119.5	86.2	160.0

