

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042006.D
 Acq On : 14 Jan 2021 01:52
 Operator : SY/MD
 Sample : M1065-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP1

Quant Time: Jan 15 02:49:31 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)

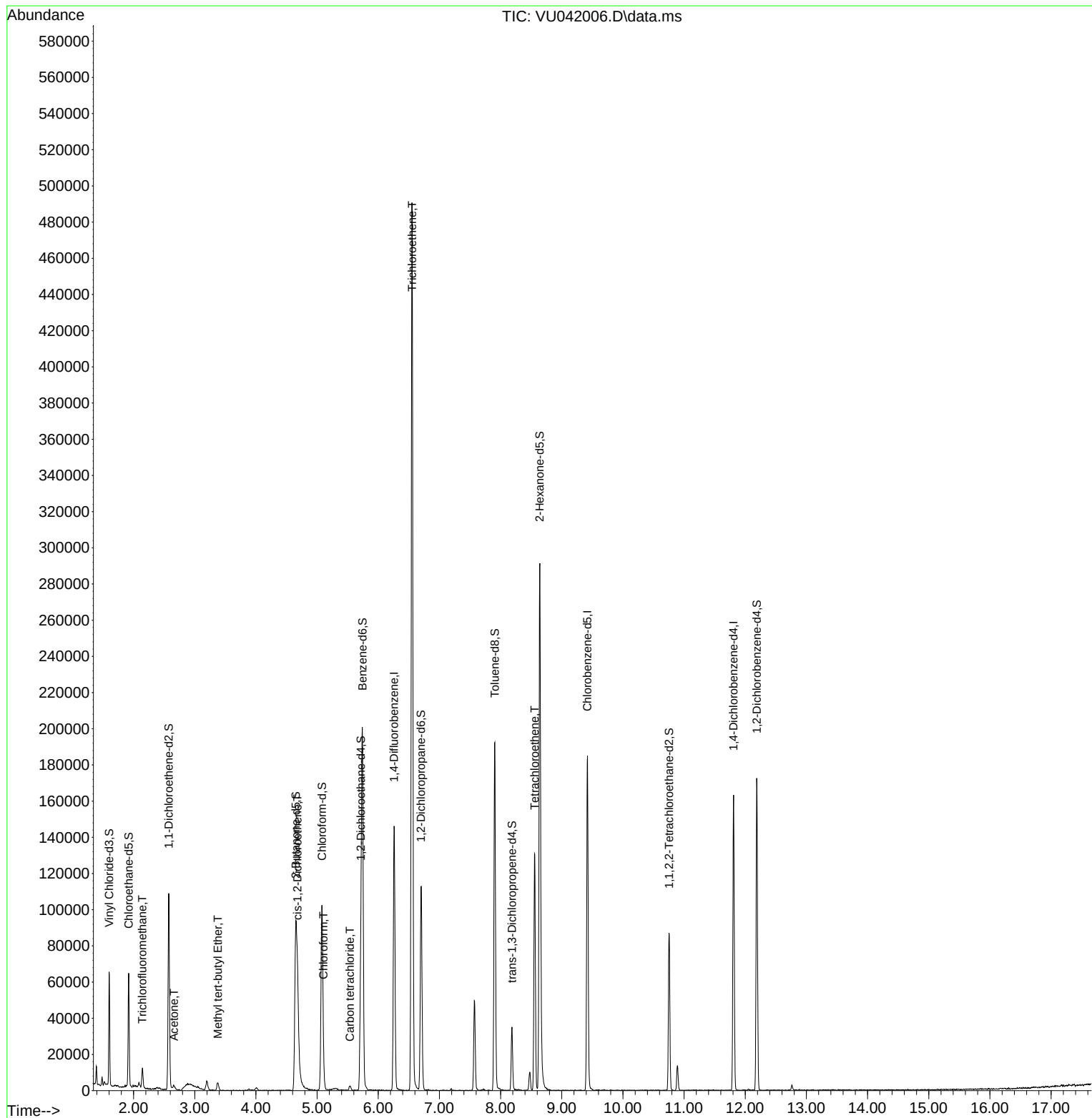
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	115203	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101464	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	42221	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42201	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.919	69	44209	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.575	63	64437	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.652	46	162696	55.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.54%
24) Chloroform-d	5.079	84	95861	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.716	65	53908	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.742	84	183553	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.700	67	55843	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.906	98	129760	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloroprop...	8.185	79	20546	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.639	63	112066	50.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	45237	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.189	152	44592	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	7029	0.41	ug/L	97
13) Acetone	2.662	43	3843	2.11	ug/L	70
17) Methyl tert-butyl Ether	3.375	73	4479	0.19	ug/L	97
22) cis-1,2-Dichloroethene	4.681	96	12694	1.33	ug/L	88
25) Chloroform	5.102	83	7608	0.42	ug/L	95
31) Carbon tetrachloride	5.539	117	1685	0.13	ug/L	91
34) Trichloroethene	6.552	95	171545	18.28	ug/L	97
47) Tetrachloroethene	8.558	164	27817	4.58	ug/L	93

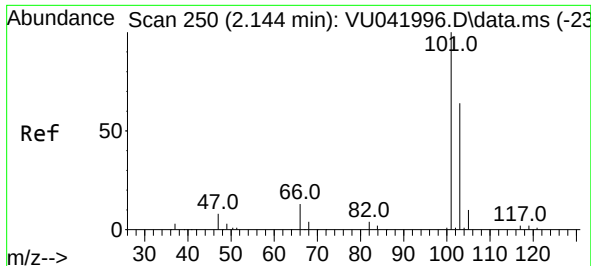
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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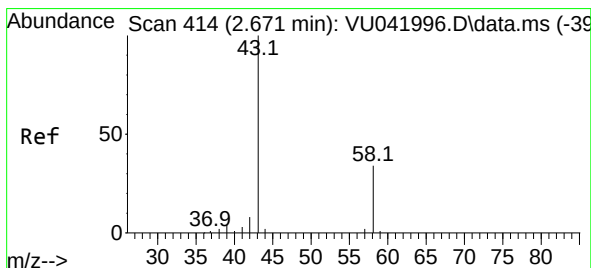
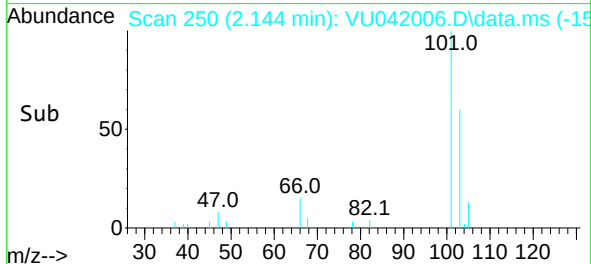
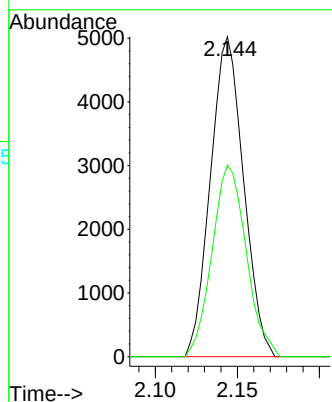
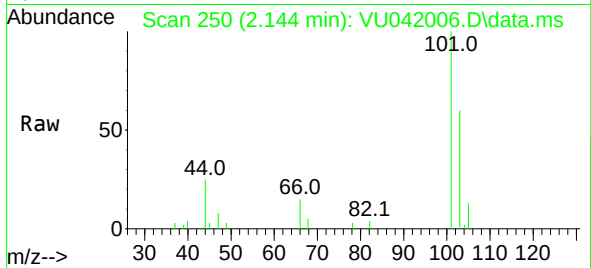




#9
Trichlorofluoromethane
Concen: 0.41 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042006.D
Acq: 14 Jan 2021 01:52

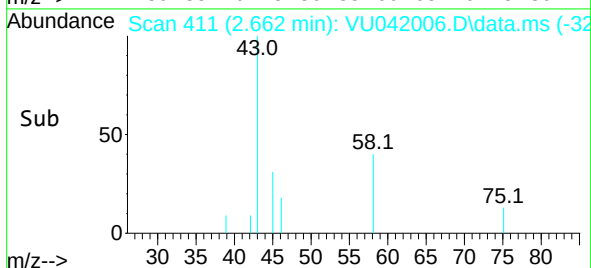
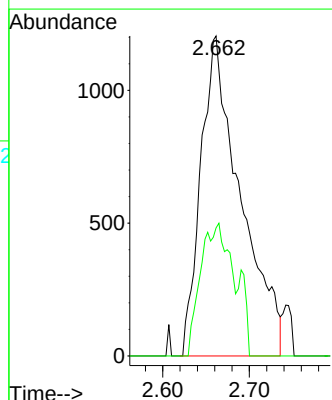
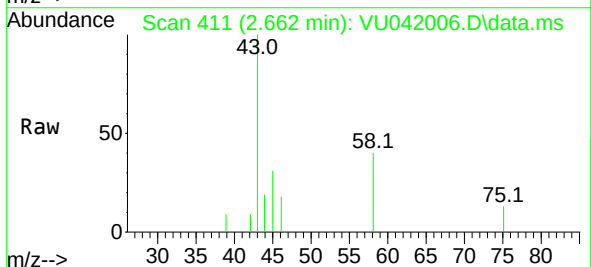
Instrument :
MSVOA_U
ClientSampled :
BFXP1

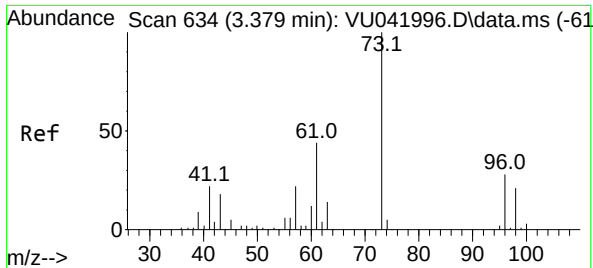
Tgt Ion:101 Resp: 7029
Ion Ratio Lower Upper
101 100
103 61.8 51.6 77.4



#13
Acetone
Concen: 2.11 ug/L
RT: 2.662 min Scan# 411
Delta R.T. -0.010 min
Lab File: VU042006.D
Acq: 14 Jan 2021 01:52

Tgt Ion: 43 Resp: 3843
Ion Ratio Lower Upper
43 100
58 12.5 0.0 57.4

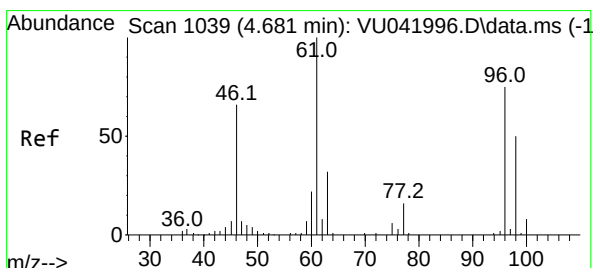
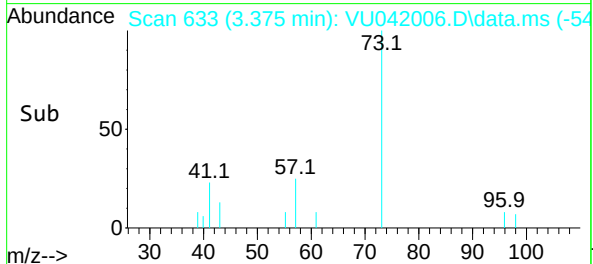
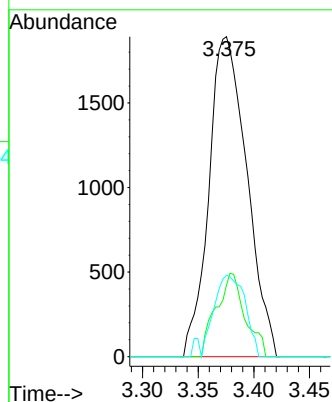
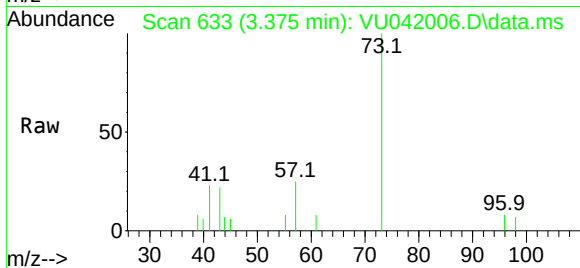




#17
Methyl tert-butyl Ether
Concen: 0.19 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.003 min
Lab File: VU042006.D
Acq: 14 Jan 2021 01:52

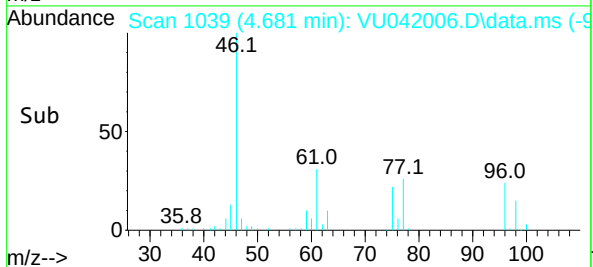
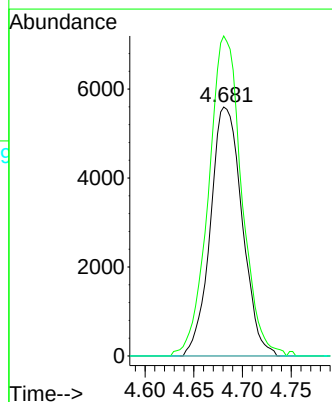
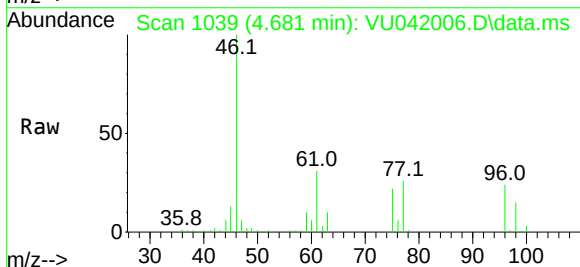
Instrument :
MSVOA_U
ClientSampleId :
BFXP1

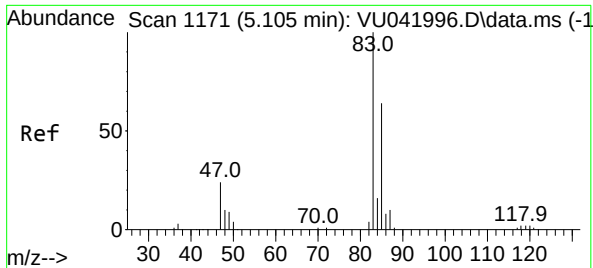
Tgt Ion: 73	Resp: 4479
Ion Ratio	Lower Upper
73 100	
43 19.9	15.1 22.7
57 20.8	18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 1.33 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VU042006.D
Acq: 14 Jan 2021 01:52

Tgt Ion: 96	Resp: 12694
Ion Ratio	Lower Upper
96 100	
61 128.5	100.3 186.3
68 0.0	0.0 0.0





#25

Chloroform

Concen: 0.42 ug/L

RT: 5.102 min Scan# 1170

Delta R.T. -0.003 min

Lab File: VU042006.D

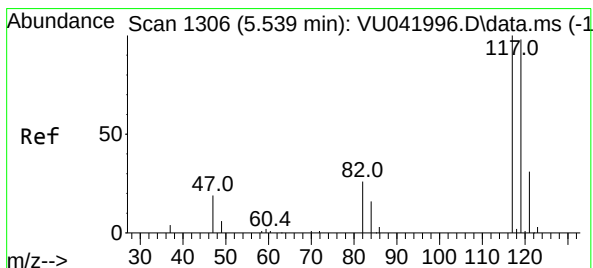
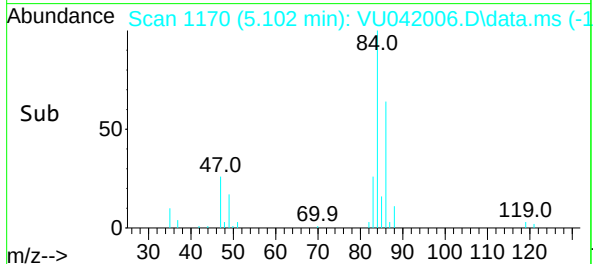
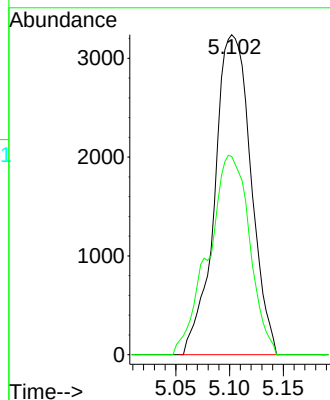
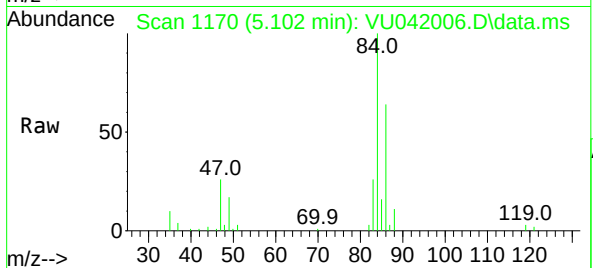
Acq: 14 Jan 2021 01:52

Tgt Ion: 83 Resp: 7608

Ion Ratio Lower Upper

83 100

85 61.9 46.1 85.7



#31

Carbon tetrachloride

Concen: 0.13 ug/L

RT: 5.539 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VU042006.D

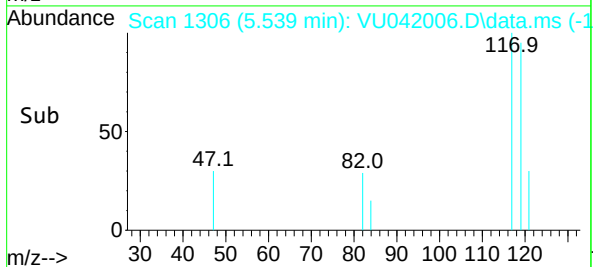
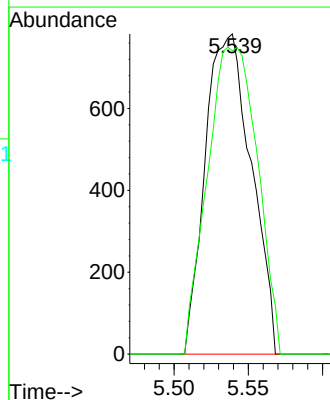
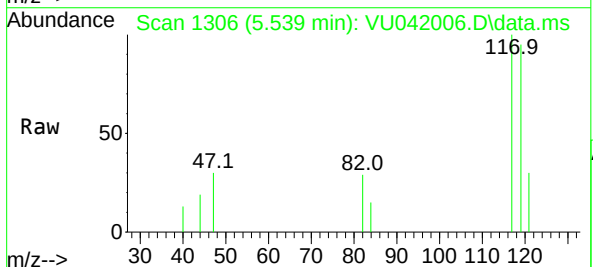
Acq: 14 Jan 2021 01:52

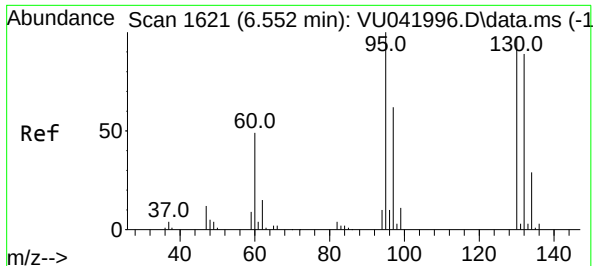
Tgt Ion: 117 Resp: 1685

Ion Ratio Lower Upper

117 100

119 104.2 76.6 114.8



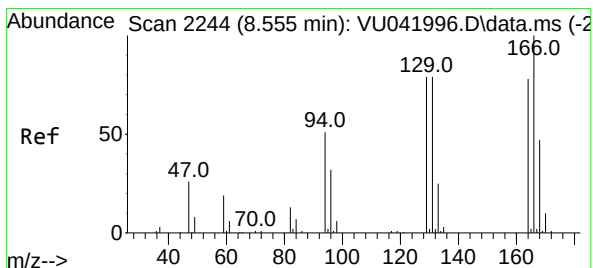
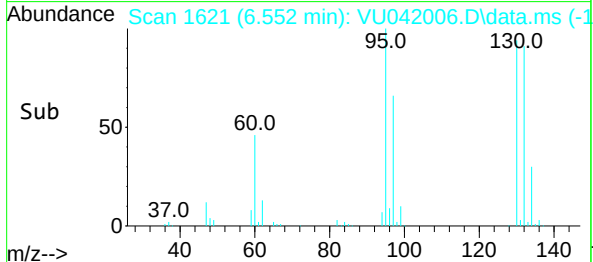
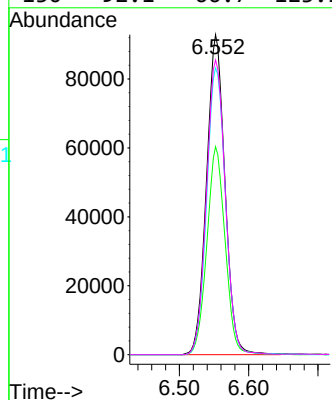
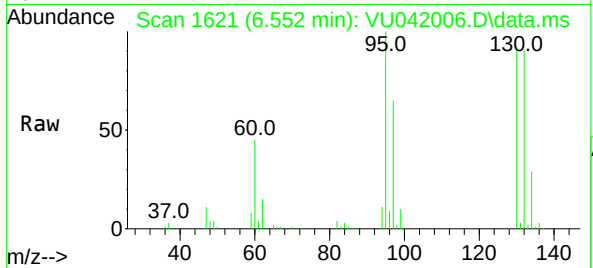


#34
Trichloroethene
Concen: 18.28 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042006.D
Acq: 14 Jan 2021 01:52

Instrument :
MSVOA_U
ClientSampleId :
BFXP1

Tgt Ion: 95 Resp: 171545

Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.6	81.0
132	89.6	64.3	119.3
130	92.1	66.7	123.9



#47
Tetrachloroethene
Concen: 4.58 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042006.D
Acq: 14 Jan 2021 01:52

Tgt Ion: 164 Resp: 27817

Ion	Ratio	Lower	Upper
164	100		
129	104.4	68.7	127.5
131	102.0	65.2	121.0
166	128.5	86.2	160.0

