

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042007.D
 Acq On : 14 Jan 2021 02:16
 Operator : SY/MD
 Sample : M1065-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP2

Quant Time: Jan 15 02:49:50 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)

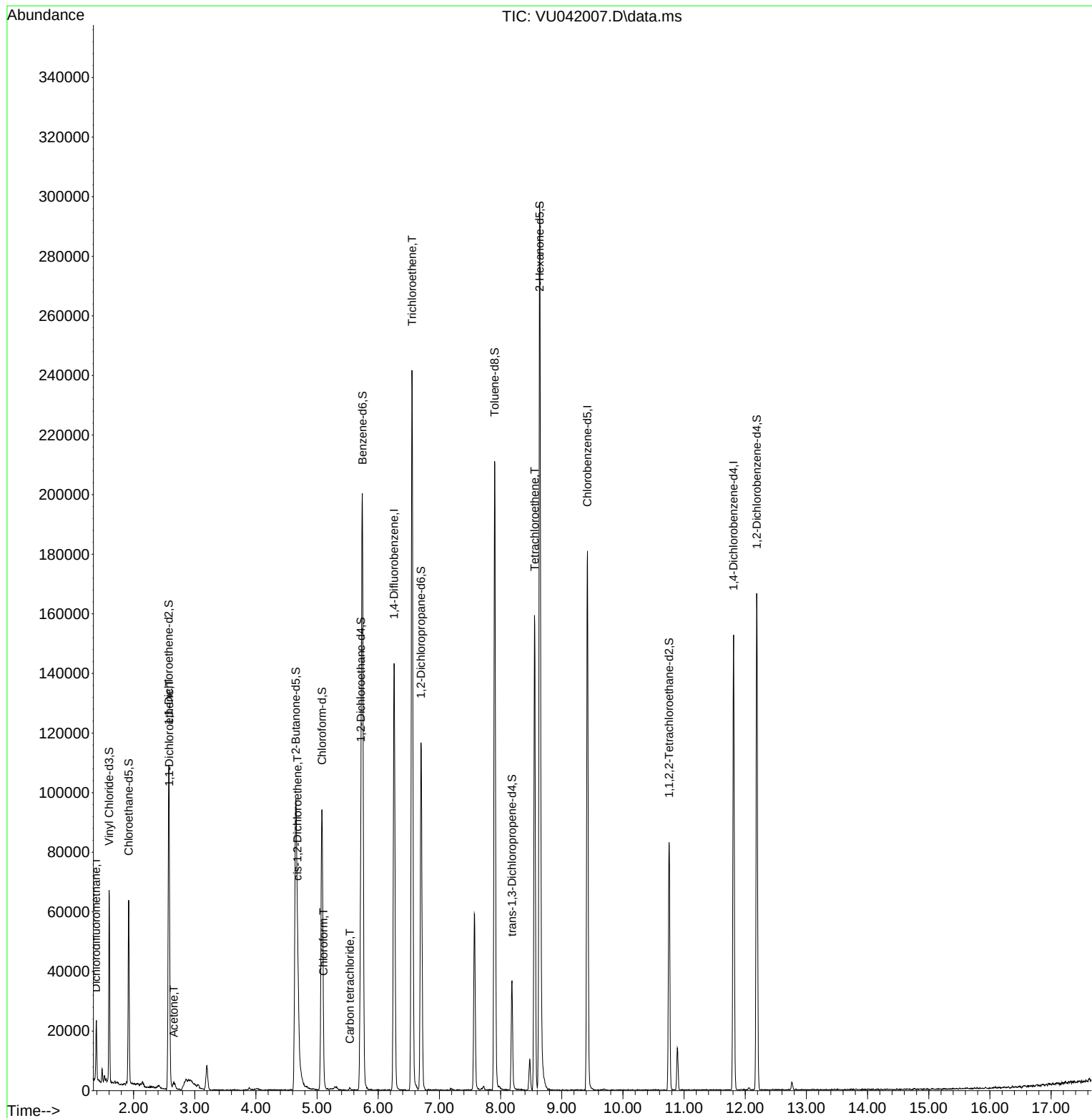
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	113771	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	40322	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42783	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.919	69	42641	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.575	63	63951	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.652	46	157183	54.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.12%
24) Chloroform-d	5.080	84	90177	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.716	65	51473	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.742	84	182671	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.700	67	56396	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.903	98	142486	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloroprop...	8.185	79	21606	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.639	63	111808	51.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.70%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	43609	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.189	152	43663	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	4383	0.42	ug/L	89
12) 1,1-Dichloroethene	2.584	96	3244	0.36	ug/L	# 1
13) Acetone	2.658	43	3960	2.20	ug/L	80
22) cis-1,2-Dichloroethene	4.681	96	4741	0.50	ug/L	97
25) Chloroform	5.105	83	2606	0.15	ug/L	98
31) Carbon tetrachloride	5.539	117	503	0.04	ug/L	93
34) Trichloroethene	6.552	95	86221	9.44	ug/L	98
47) Tetrachloroethene	8.555	164	35033	5.92	ug/L	95

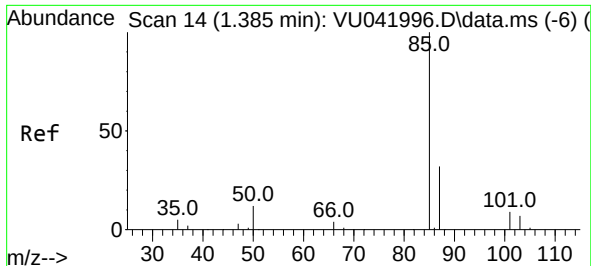
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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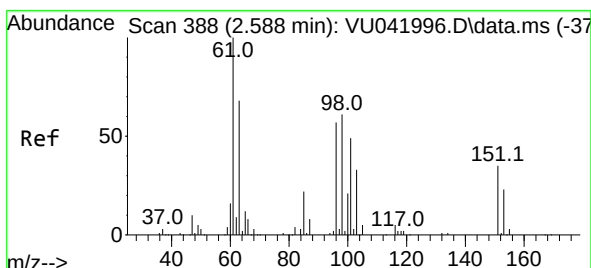
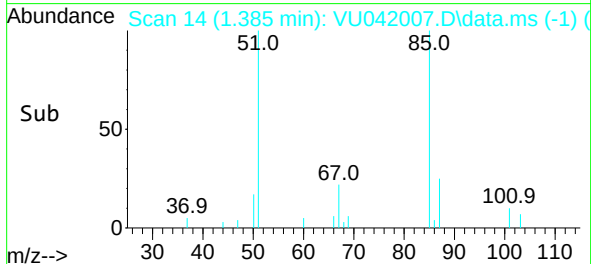
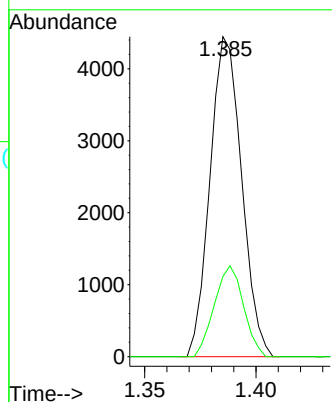
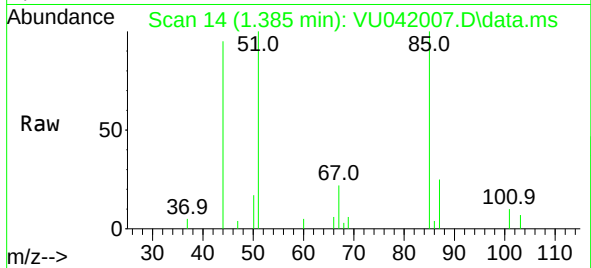




#2
Dichlorodifluoromethane
Concen: 0.42 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

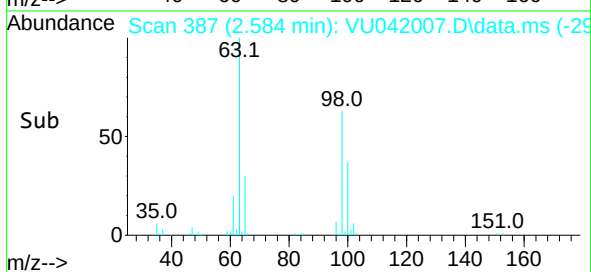
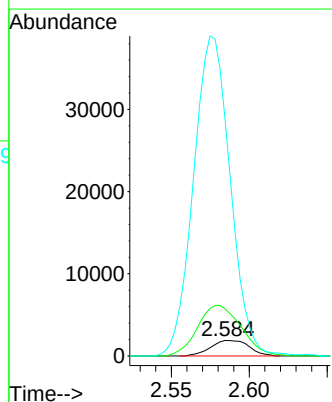
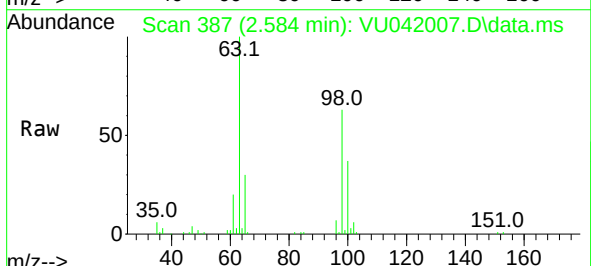
Instrument :
MSVOA_U
ClientSampled :
BFXP2

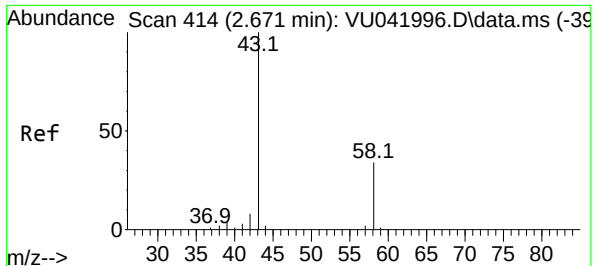
Tgt Ion: 85 Resp: 4383
Ion Ratio Lower Upper
85 100
87 26.1 25.7 38.5



#12
1,1-Dichloroethene
Concen: 0.36 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Tgt Ion: 96 Resp: 3244
Ion Ratio Lower Upper
96 100
61 304.8 122.2 226.9#
63 1530.5 82.8 153.8#

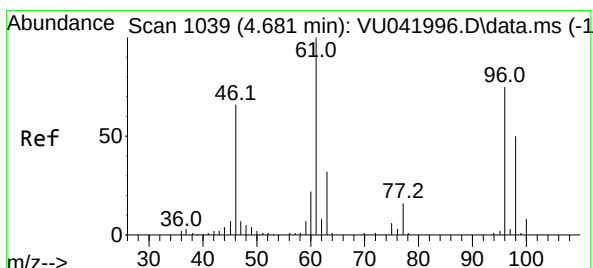
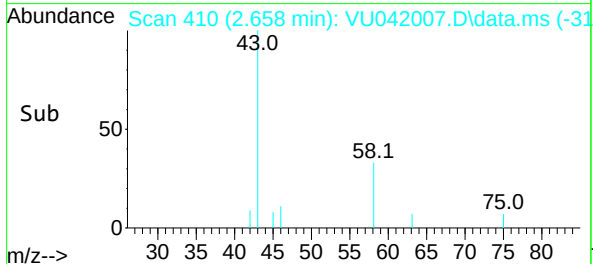
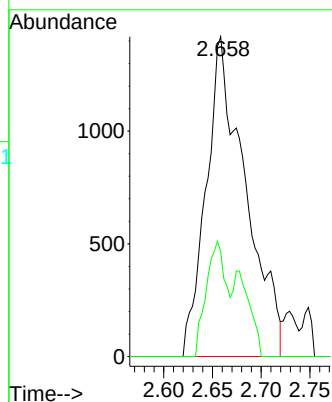
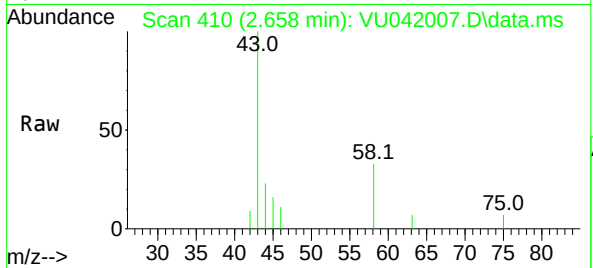




#13
Acetone
Concen: 2.20 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.006 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

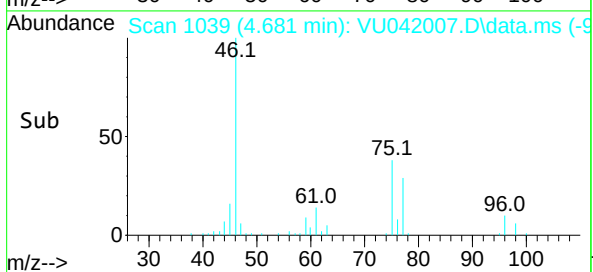
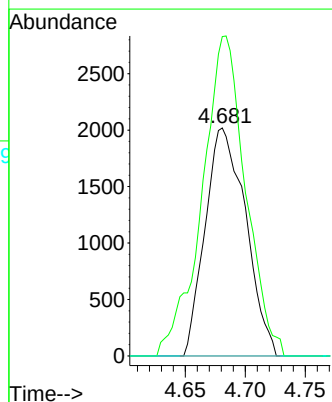
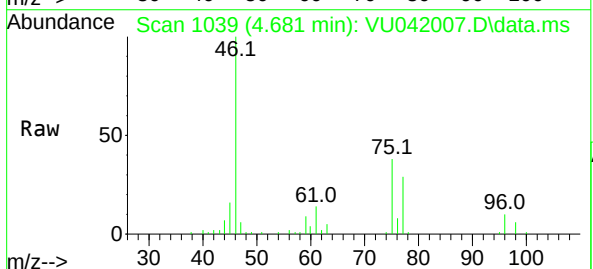
Instrument :
MSVOA_U
ClientSampleId :
BFXP2

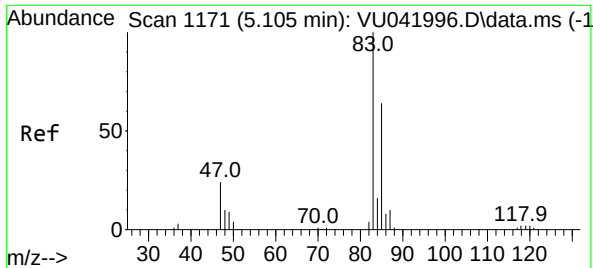
Tgt Ion: 43 Resp: 3960
Ion Ratio Lower Upper
43 100
58 18.3 0.0 57.4



#22
cis-1,2-Dichloroethene
Concen: 0.50 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Tgt Ion: 96 Resp: 4741
Ion Ratio Lower Upper
96 100
61 140.1 100.3 186.3
68 0.0 0.0 0.0

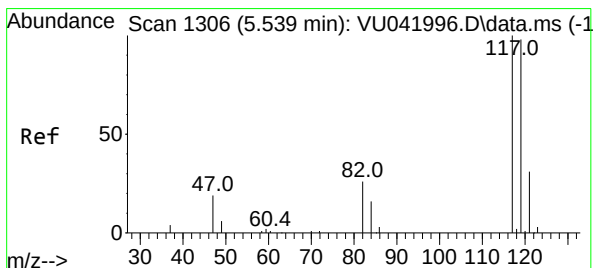
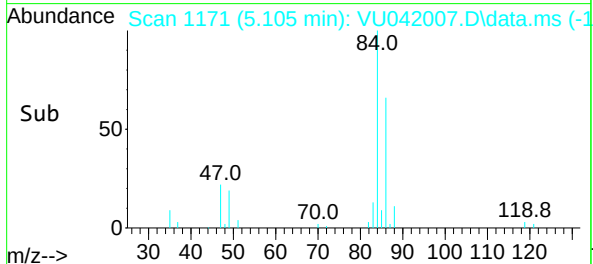
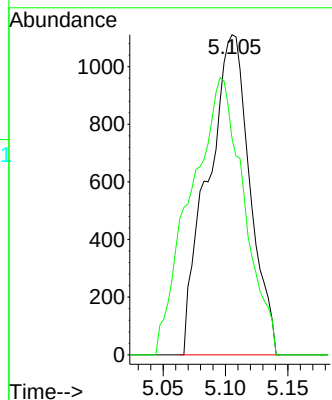
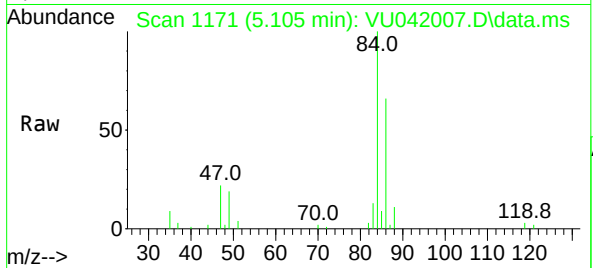




#25
Chloroform
Concen: 0.15 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

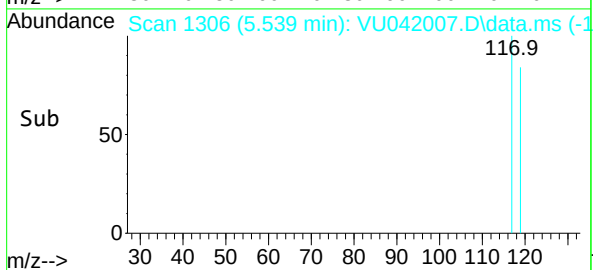
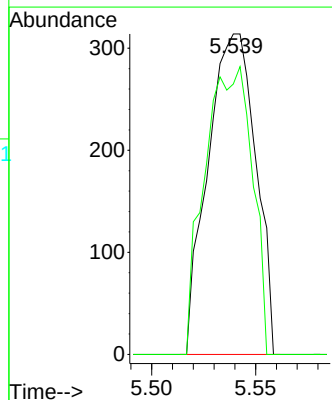
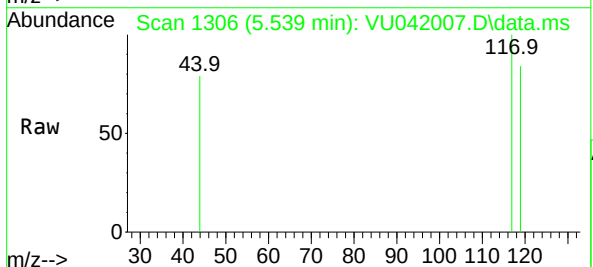
Instrument :
MSVOA_U
ClientSampleId :
BFXP2

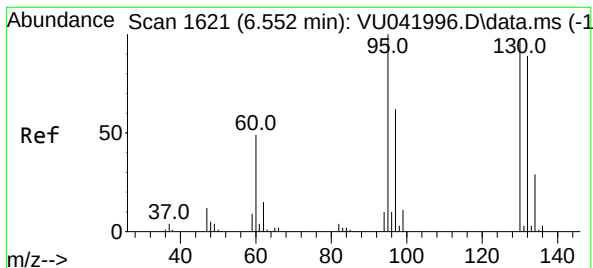
Tgt Ion: 83 Resp: 2606
Ion Ratio Lower Upper
83 100
85 67.5 46.1 85.7



#31
Carbon tetrachloride
Concen: 0.04 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.003 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Tgt Ion: 117 Resp: 503
Ion Ratio Lower Upper
117 100
119 88.9 76.6 114.8



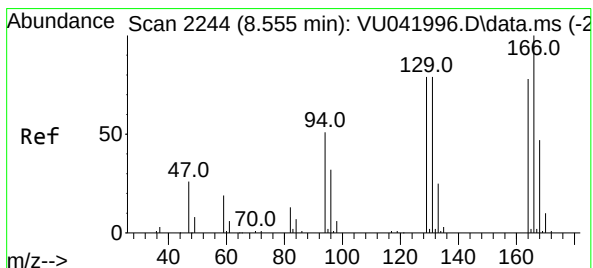
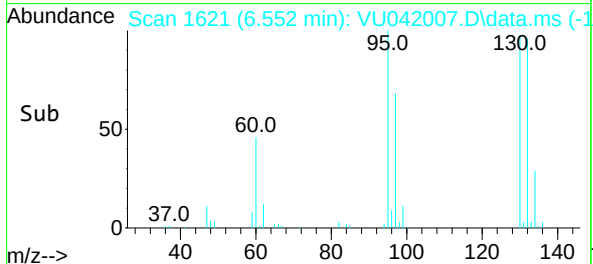
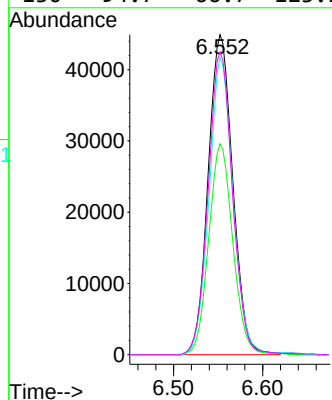
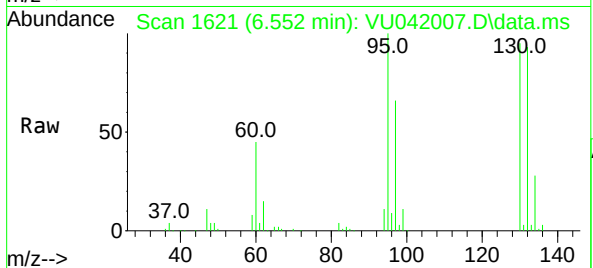


#34
Trichloroethene
Concen: 9.44 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Instrument :
MSVOA_U
ClientSampleId :
BFXP2

Tgt Ion: 95 Resp: 86221

Ion	Ratio	Lower	Upper
95	100		
97	65.9	43.6	81.0
132	92.8	64.3	119.3
130	94.7	66.7	123.9



#47
Tetrachloroethene
Concen: 5.92 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU042007.D
Acq: 14 Jan 2021 02:16

Tgt Ion: 164 Resp: 35033

Ion	Ratio	Lower	Upper
164	100		
129	92.9	68.7	127.5
131	89.0	65.2	121.0
166	116.3	86.2	160.0

