

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042044.D
 Acq On : 14 Jan 2021 20:24
 Operator : SY/MD
 Sample : M1065-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

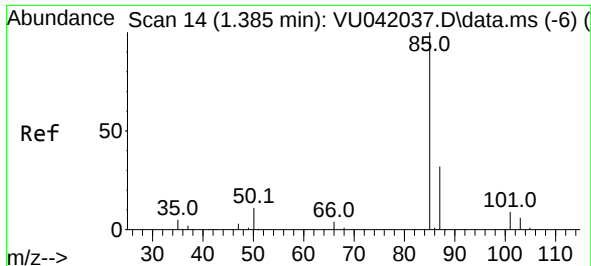
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP2

Quant Time: Jan 15 06:35:44 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	6.259	114	118010	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	44688	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33894	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.919	69	40224	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.575	63	53999	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.652	46	146553	49.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	5.079	84	81229	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.716	65	47014	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.742	84	154523	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.700	67	52134	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.906	98	135189	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloroprop...	8.185	79	22289	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.639	63	115448	48.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.90%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	39581	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.189	152	41785	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	5104	0.47	ug/L	99
3) Chloromethane	1.520	50	1487	0.11	ug/L	94
9) Trichlorofluoromethane	2.141	101	629	0.04	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	1560	0.17	ug/L #	62
12) 1,1-Dichloroethene	2.588	96	3261	0.35	ug/L #	1
13) Acetone	2.652	43	3797	2.03	ug/L	98
22) cis-1,2-Dichloroethene	4.684	96	4799	0.49	ug/L	96
31) Carbon tetrachloride	5.539	117	731	0.05	ug/L	96
34) Trichloroethene	6.552	95	97117	9.62	ug/L	98
47) Tetrachloroethene	8.555	164	41448	6.34	ug/L	98

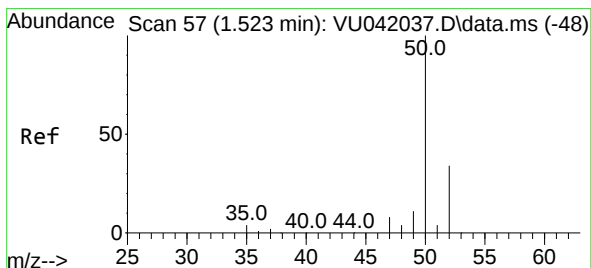
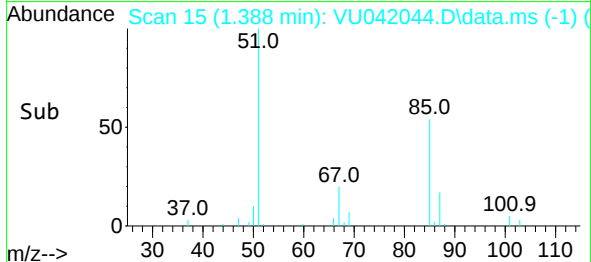
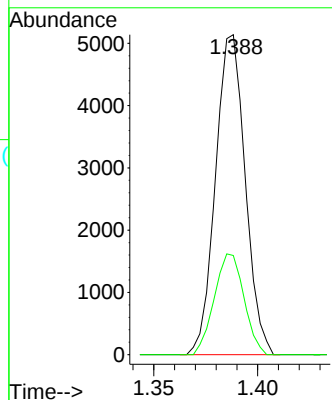
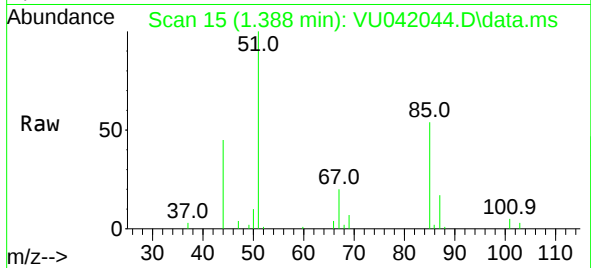
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.47 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.003 min
 Lab File: VU042044.D
 Acq: 14 Jan 2021 20:24

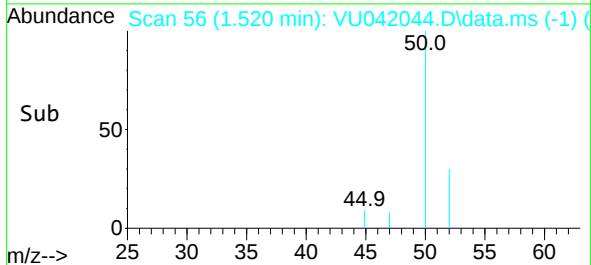
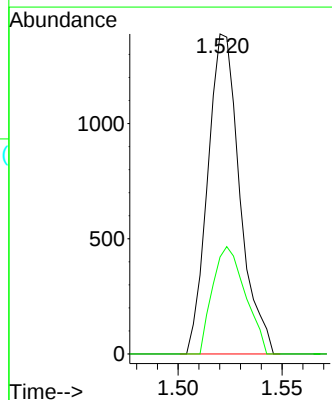
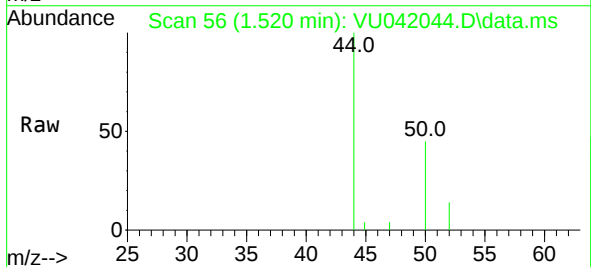
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 MSVOA_U
 ClientSampled :
 BFXP2

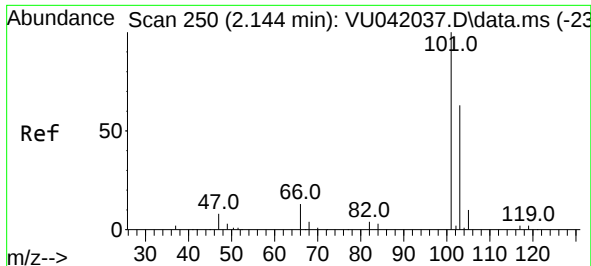
Tgt Ion: 85 Resp: 5104
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.7 38.5



#3
 Chloromethane
 Concen: 0.11 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU042044.D
 Acq: 14 Jan 2021 20:24

Tgt Ion: 50 Resp: 1487
 Ion Ratio Lower Upper
 50 100
 52 30.3 23.5 43.7

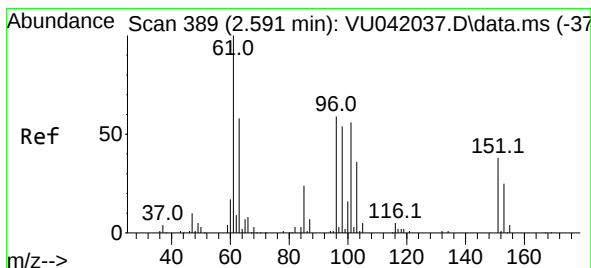
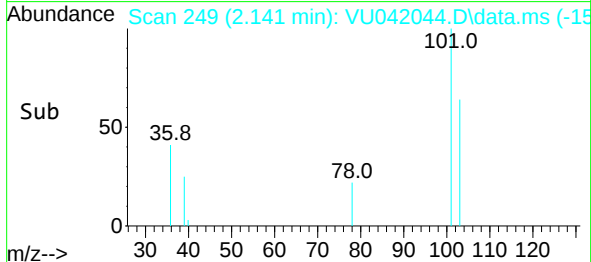
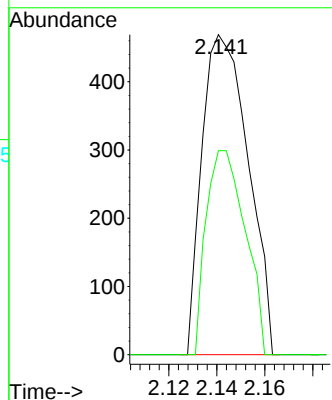
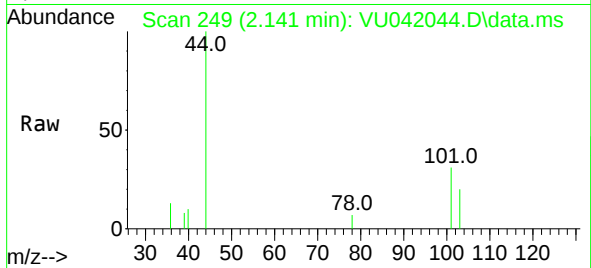




#9
Trichlorofluoromethane
Concen: 0.04 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

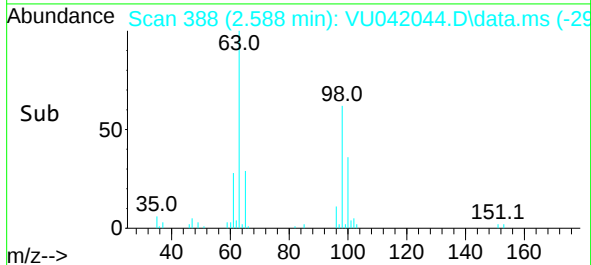
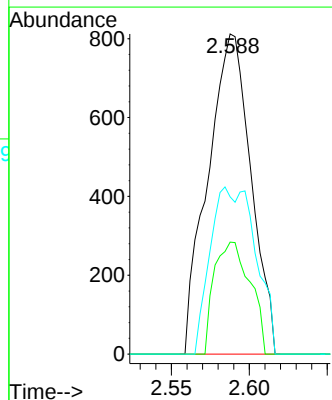
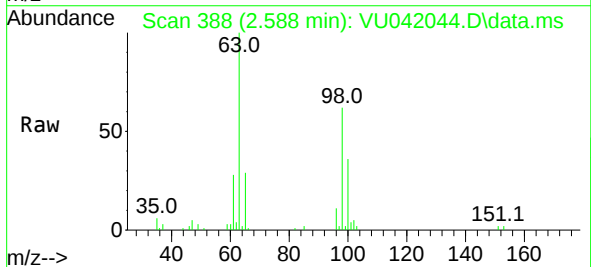
Instrument :
MSVOA_U
ClientSampled :
BFXP2

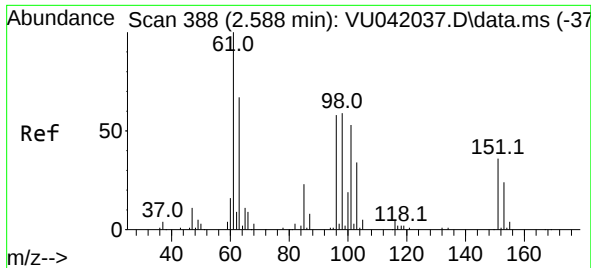
Tgt Ion:101 Resp: 629
Ion Ratio Lower Upper
101 100
103 53.9 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.17 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

Tgt Ion:101 Resp: 1560
Ion Ratio Lower Upper
101 100
85 29.0 35.9 53.9#
151 31.0 55.4 83.2#

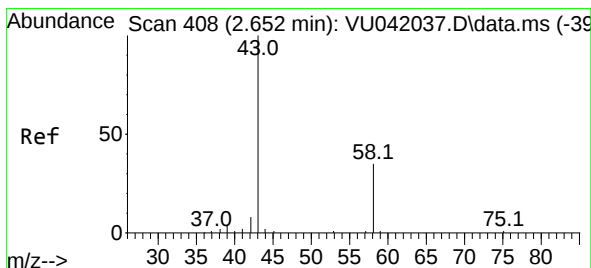
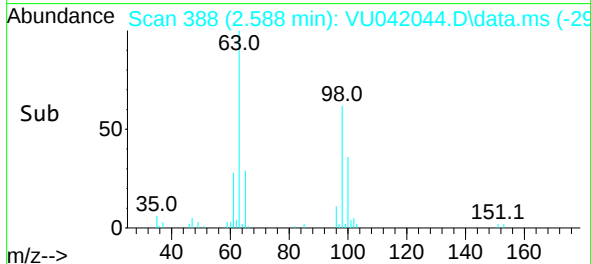
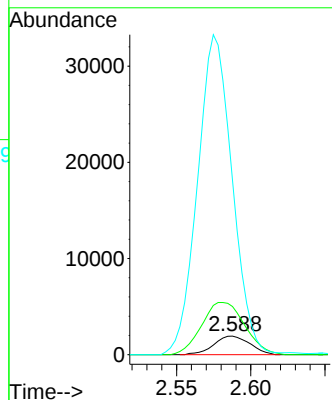
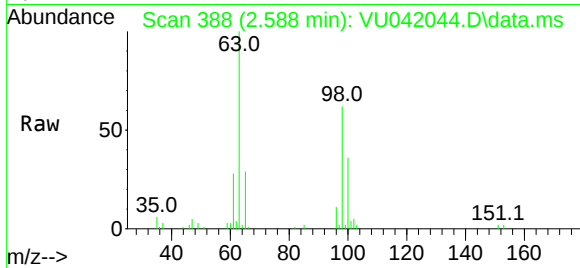




#12
1,1-Dichloroethene
Concen: 0.35 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

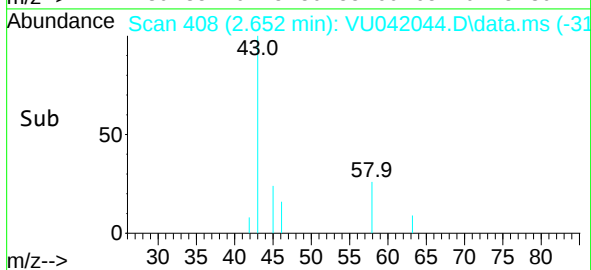
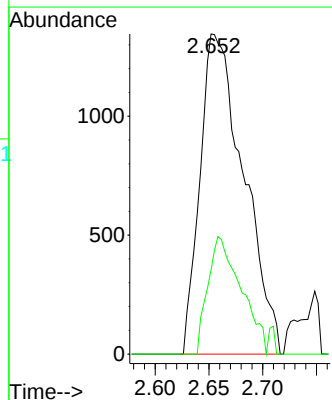
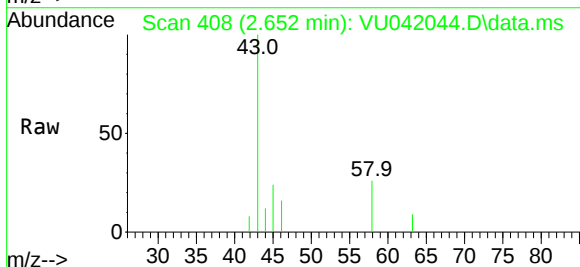
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MSVOA_U
ClientSampleId :
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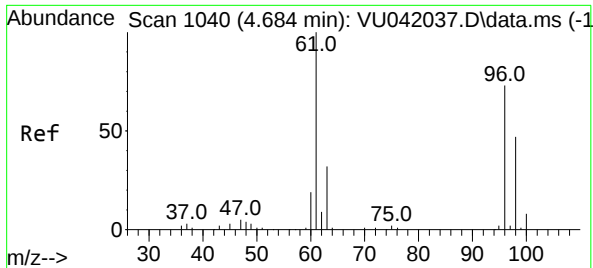
Tgt Ion: 96 Resp: 3261
Ion Ratio Lower Upper
96 100
61 259.1 122.2 226.9#
63 938.0 82.8 153.8#



#13
Acetone
Concen: 2.03 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.000 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

Tgt Ion: 43 Resp: 3797
Ion Ratio Lower Upper
43 100
58 27.9 0.0 57.4

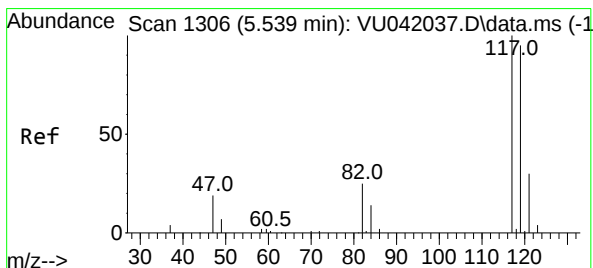
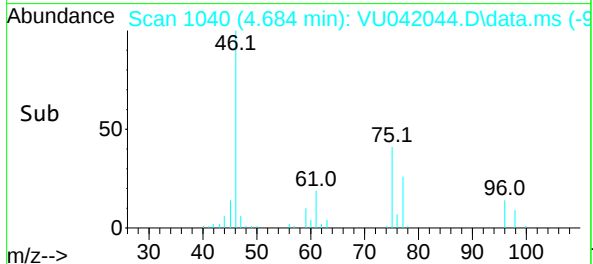
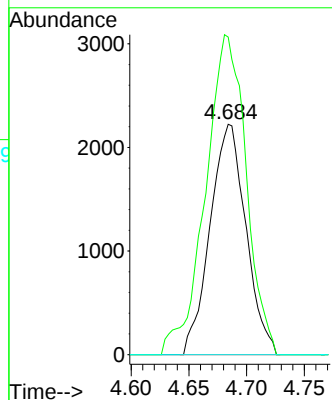
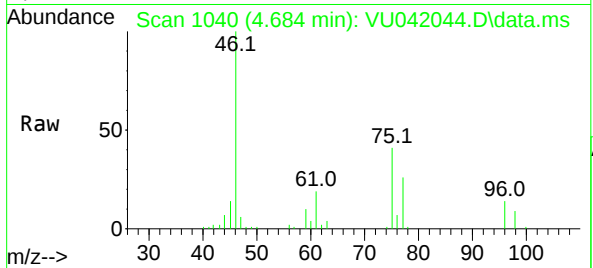




#22
 cis-1,2-Dichloroethene
 Concen: 0.49 ug/L
 RT: 4.684 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VU042044.D
 Acq: 14 Jan 2021 20:24

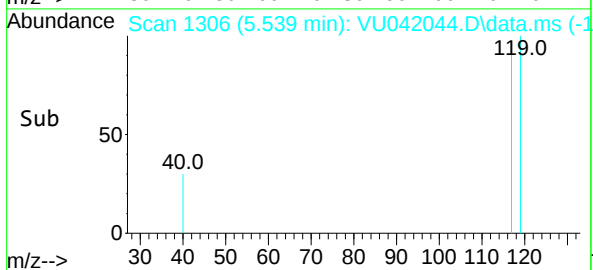
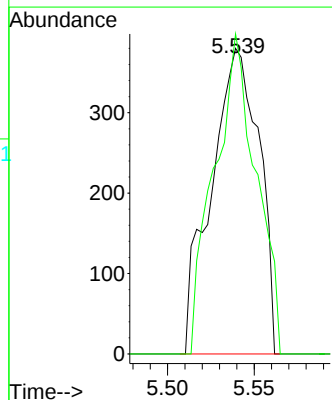
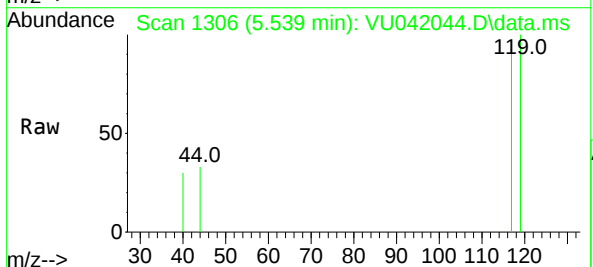
Instrument :
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 ClientSampled :
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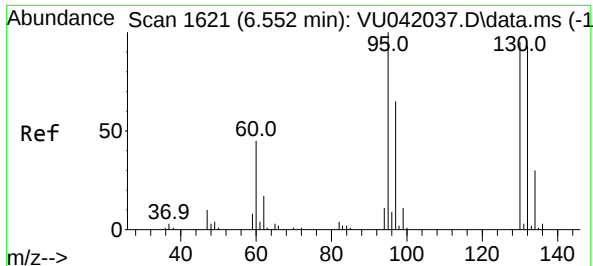
Tgt Ion: 96 Resp: 4799
 Ion Ratio Lower Upper
 96 100
 61 137.9 100.3 186.3
 68 0.0 0.0 0.0



#31
 Carbon tetrachloride
 Concen: 0.05 ug/L
 RT: 5.539 min Scan# 1306
 Delta R.T. 0.000 min
 Lab File: VU042044.D
 Acq: 14 Jan 2021 20:24

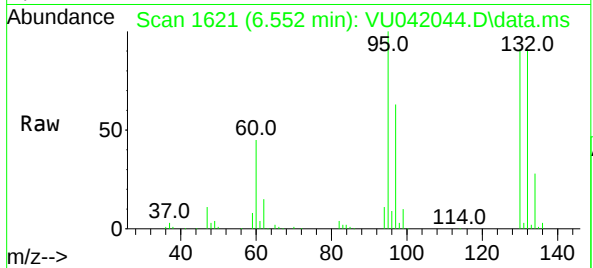
Tgt Ion: 117 Resp: 731
 Ion Ratio Lower Upper
 117 100
 119 91.9 76.6 114.8





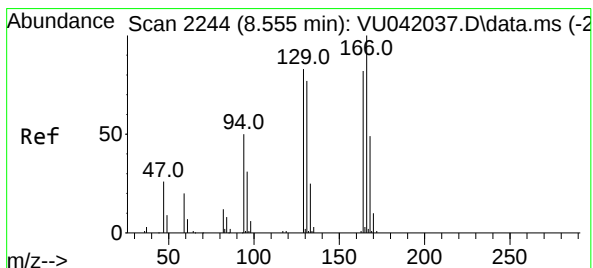
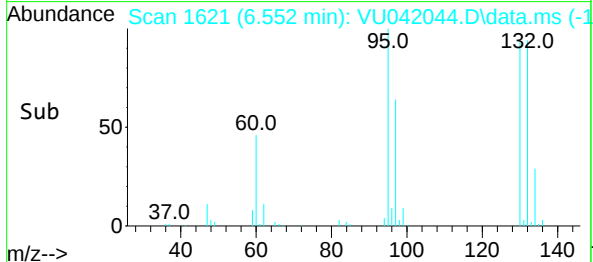
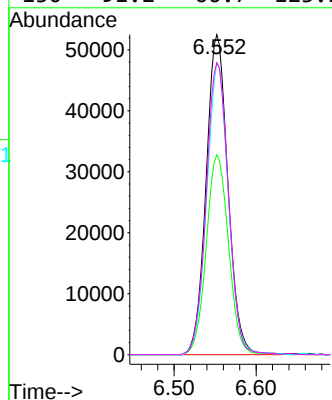
#34
Trichloroethene
Concen: 9.62 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24

Instrument :
MSVOA_U
ClientSampled :
BFXP2

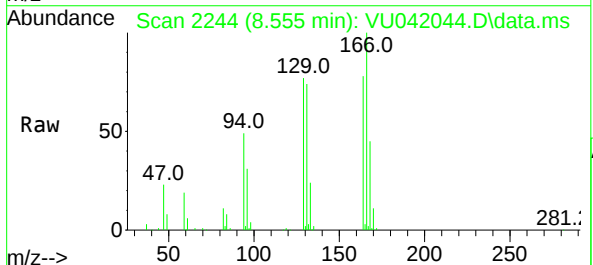


Tgt Ion: 95 Resp: 97117

Ion	Ratio	Lower	Upper
95	100		
97	62.5	43.6	81.0
132	91.3	64.3	119.3
130	91.2	66.7	123.9



#47
Tetrachloroethene
Concen: 6.34 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042044.D
Acq: 14 Jan 2021 20:24



Tgt Ion: 164 Resp: 41448

Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.7	127.5
131	94.5	65.2	121.0
166	127.5	86.2	160.0

