

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042500.D
 Acq On : 05 Mar 2021 14:16
 Operator : SY/MD
 Sample : M1588-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C03S5

Quant Time: Mar 06 00:47:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

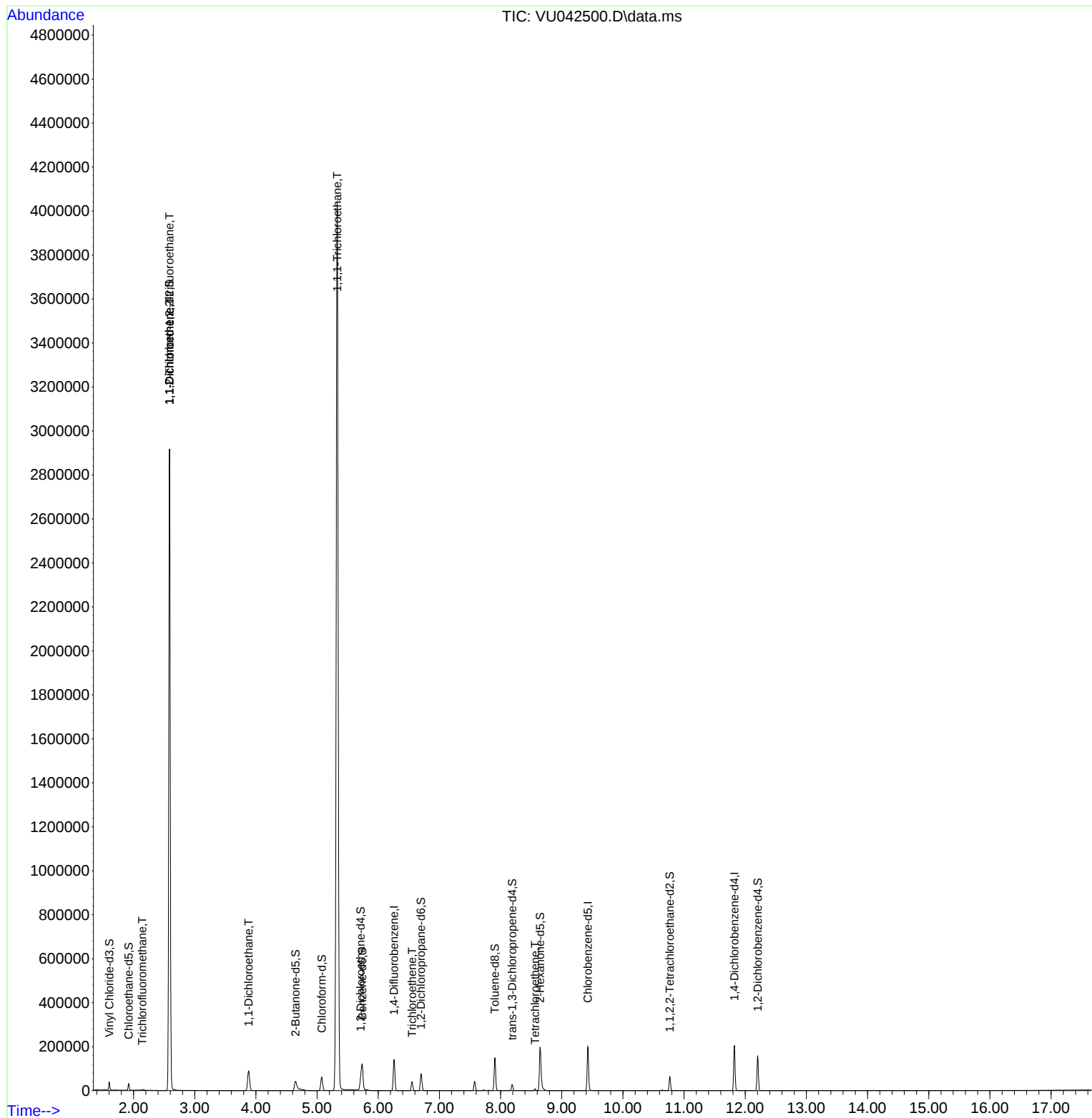
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	108351	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	103226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	51508	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25131	3.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.60%			
7) Chloroethane-d5	1.919	69	20826	3.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.20%			
11) 1,1-Dichloroethene-d2	2.587	63	573677	35.17	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 703.40%#			
20) 2-Butanone-d5	4.649	46	86289	36.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.76%			
24) Chloroform-d	5.076	84	54041	3.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.60%			
26) 1,2-Dichloroethane-d4	5.713	65	36815	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
32) Benzene-d6	5.738	84	97489	3.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.00%			
36) 1,2-Dichloropropane-d6	6.700	67	33489	4.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.00%			
41) Toluene-d8	7.906	98	94957	3.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.80%			
43) trans-1,3-Dichloroprop...	8.189	79	14787	3.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.60%			
46) 2-Hexanone-d5	8.645	63	72461	39.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.36%			
57) 1,1,2,2-Tetrachloroeth...	10.767	84	29286	4.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.60%			
64) 1,2-Dichlorobenzene-d4	12.204	152	38853	4.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.20%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	1717	0.11	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	2197	0.27	ug/L #	26
12) 1,1-Dichloroethene	2.587	96	888299	116.35	ug/L #	79
19) 1,1-Dichloroethane	3.880	63	104163	6.73	ug/L	97
29) 1,1,1-Trichloroethane	5.330	97	2853487	198.80	ug/L	98
34) Trichloroethene	6.552	95	13130	1.47	ug/L	94
47) Tetrachloroethene	8.565	164	1665	0.23	ug/L	91

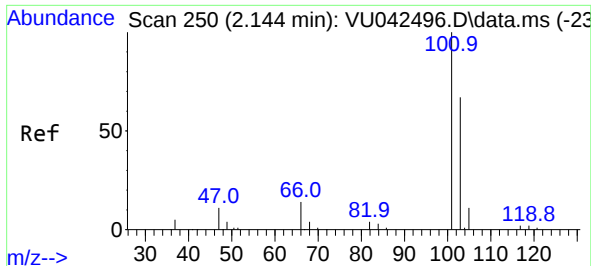
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

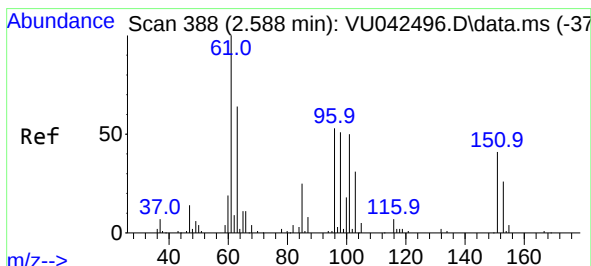
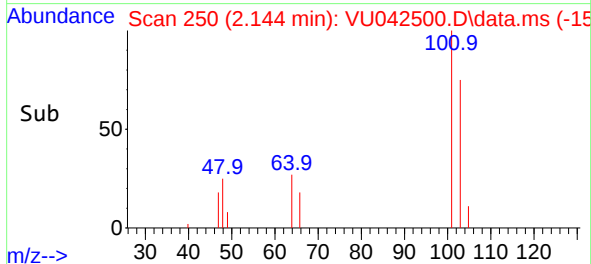
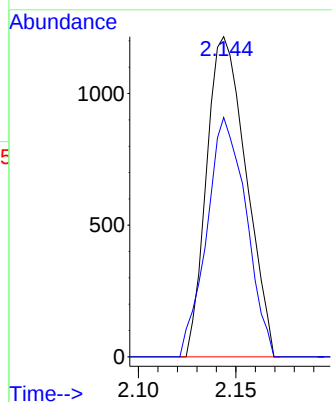
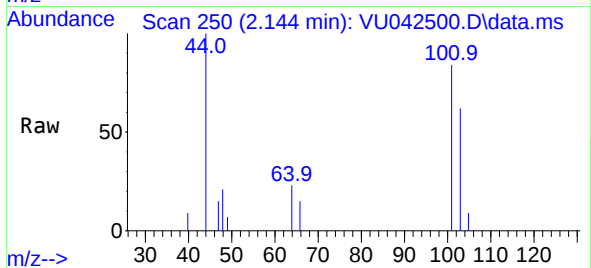




#9
Trichlorofluoromethane
Concen: 0.11 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042500.D
Acq: 05 Mar 2021 14:16

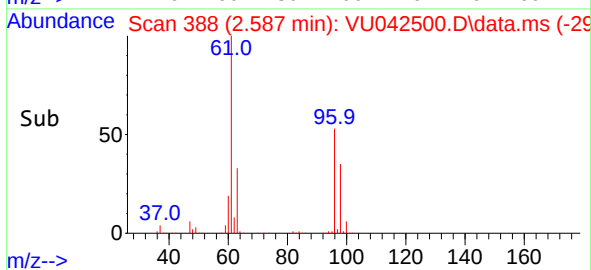
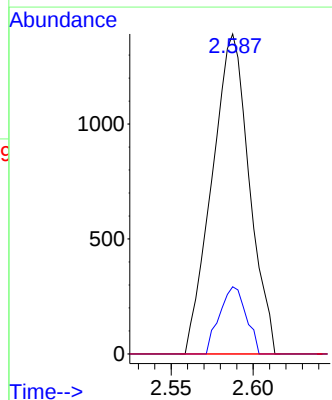
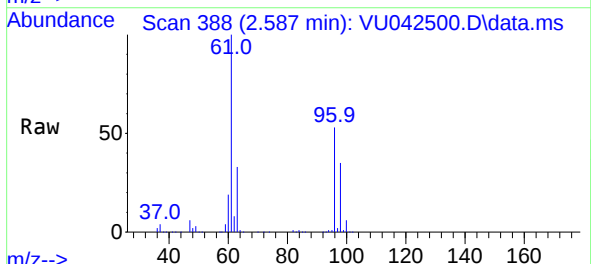
Instrument :
MSVOA_U
ClientSampled :
C03S5

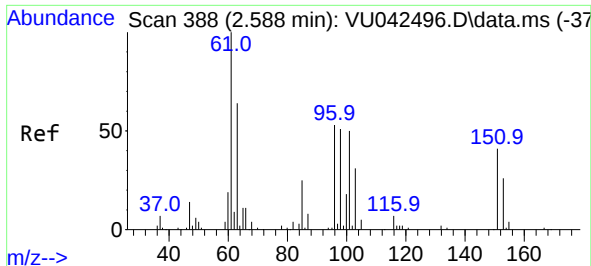
Tgt Ion:101 Resp: 1717
Ion Ratio Lower Upper
101 100
103 74.3 51.8 77.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.27 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042500.D
Acq: 05 Mar 2021 14:16

Tgt Ion:101 Resp: 2197
Ion Ratio Lower Upper
101 100
85 15.0 34.6 51.8#
151 0.0 62.7 94.1#

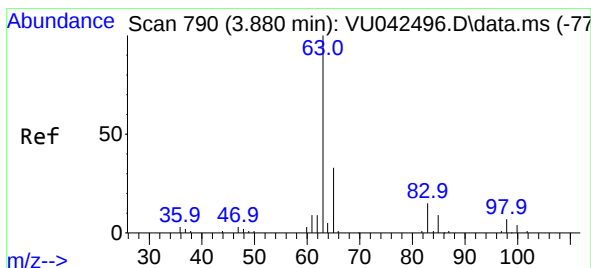
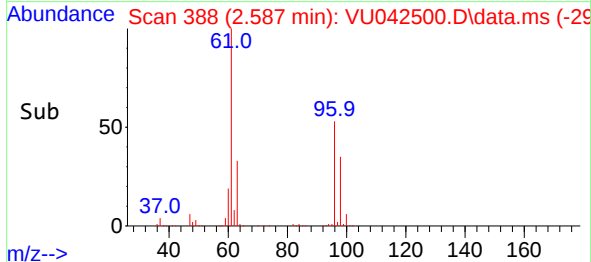
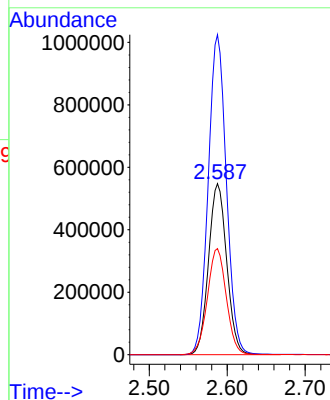
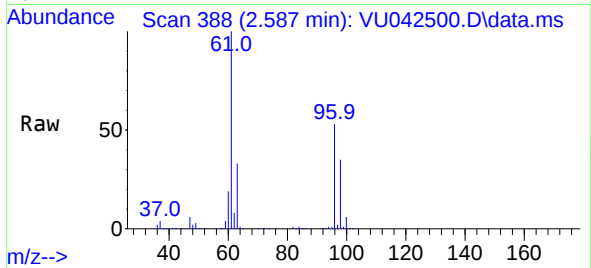




#12
1,1-Dichloroethene
Concen: 116.35 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042500.D
Acq: 05 Mar 2021 14:16

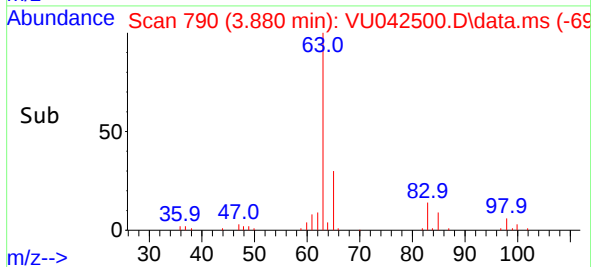
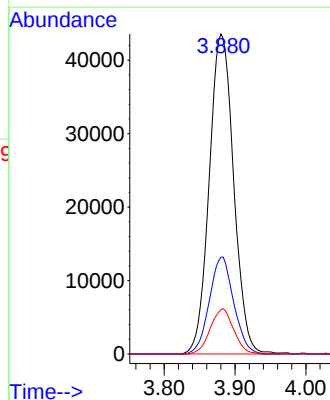
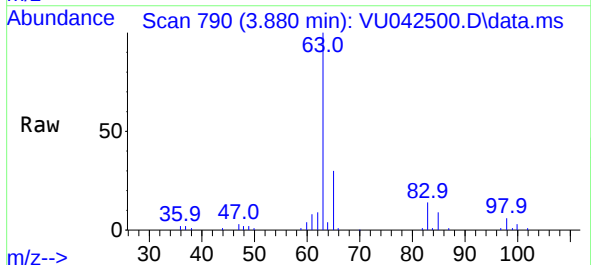
Instrument :
MSVOA_U
ClientSampleId :
C03S5

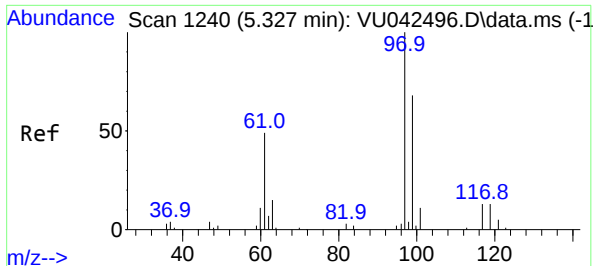
Tgt Ion: 96 Resp: 888299
Ion Ratio Lower Upper
96 100
61 187.1 126.2 234.4
63 62.0 77.8 144.4#



#19
1,1-Dichloroethane
Concen: 6.73 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042500.D
Acq: 05 Mar 2021 14:16

Tgt Ion: 63 Resp: 104163
Ion Ratio Lower Upper
63 100
65 30.2 22.5 41.9
83 13.8 10.1 18.7

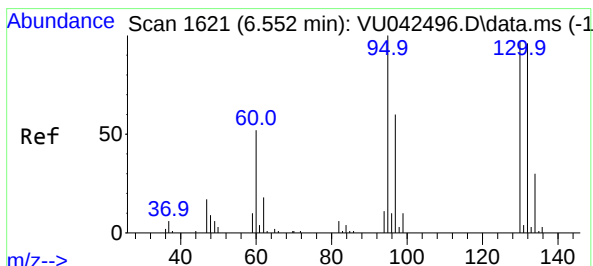
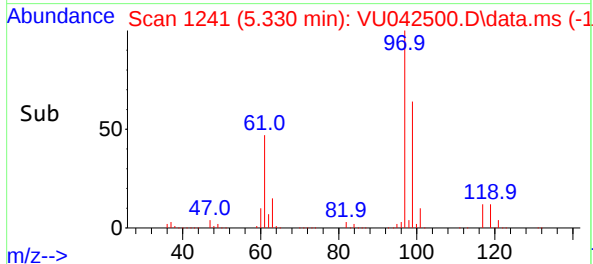
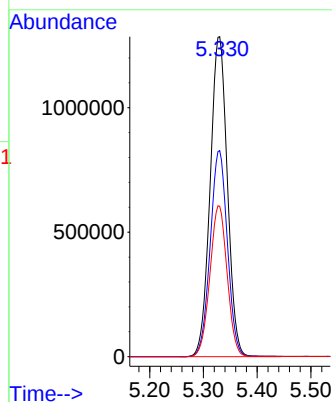
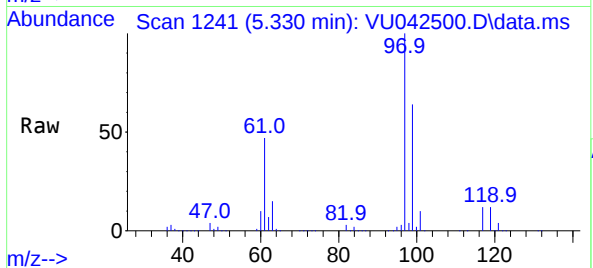




#29
1,1,1-Trichloroethane
Concen: 198.80 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU042500.D
Acq: 05 Mar 2021 14:16

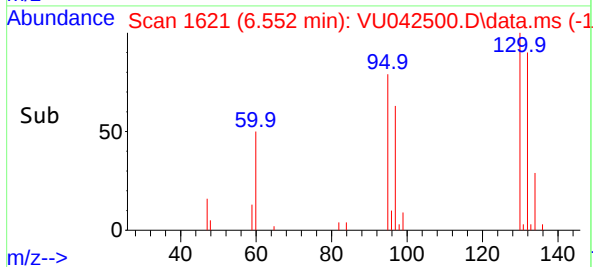
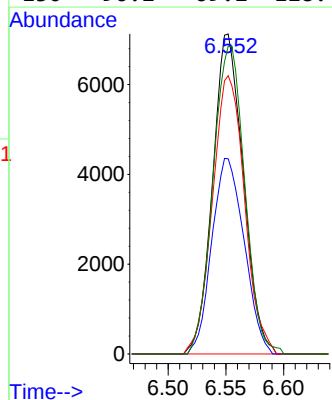
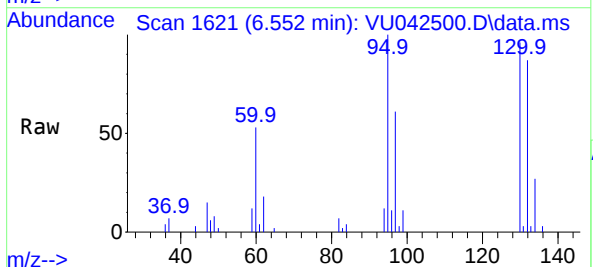
Instrument :
MSVOA_U
ClientSampleId :
C03S5

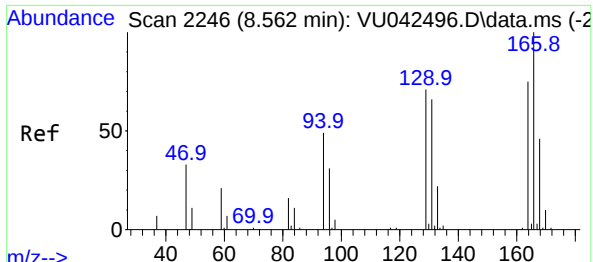
Tgt Ion: 97 Resp: 2853487
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 47.2 35.8 53.6



#34
Trichloroethene
Concen: 1.47 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042500.D
Acq: 05 Mar 2021 14:16

Tgt Ion: 95 Resp: 13130
Ion Ratio Lower Upper
95 100
97 61.0 44.4 82.4
132 87.0 68.0 126.4
130 96.2 69.2 128.4





#47
Tetrachloroethene
Concen: 0.23 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VU042500.D
Acq: 05 Mar 2021 14:16

Instrument :
MSVOA_U
ClientSampleId :
C03S5

Tgt Ion:164 Resp: 1665

Ion	Ratio	Lower	Upper
164	100		
129	93.5	64.3	119.5
131	86.7	62.2	115.6
166	106.2	88.6	164.6

