

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046203.D
 Acq On : 09 Dec 2021 01:56
 Operator : SY/MD
 Sample : M4983-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5N8

Quant Time: Dec 09 04:37:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

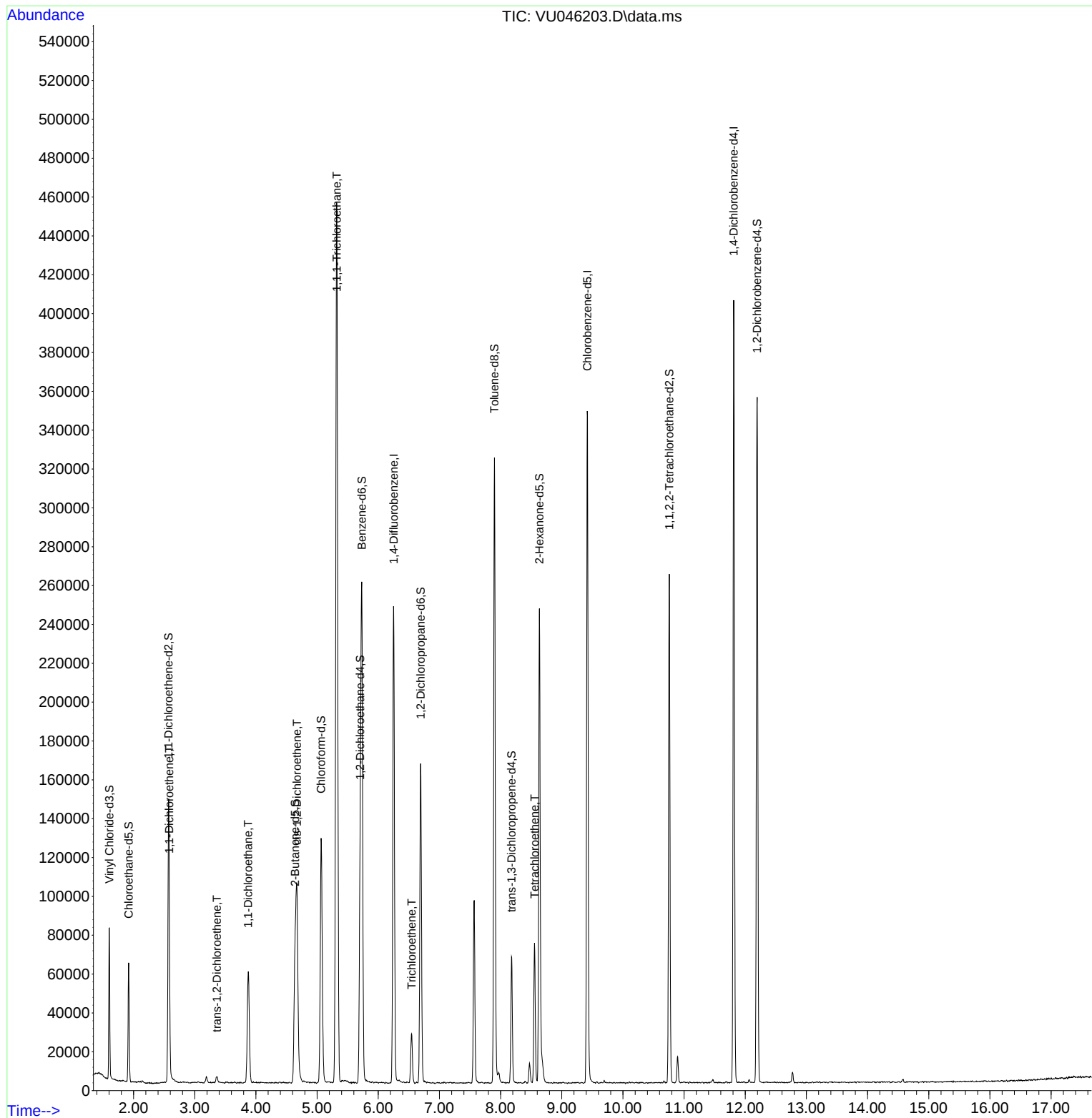
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	207588	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	203738	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107329	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54981	32.153	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	64.300%	
7) Chloroethane-d5	1.919	69	45057	34.318	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	68.640%#	
11) 1,1-Dichloroethene-d2	2.572	63	84022	27.371	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	54.740%#	
21) 2-Butanone-d5	4.642	46	131316	96.601	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	96.600%	
24) Chloroform-d	5.067	84	117378	41.104	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.703	65	80676	42.097	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.200%	
32) Benzene-d6	5.732	84	246892	42.280	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.560%	
36) 1,2-Dichloropropane-d6	6.694	67	78952	43.626	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.260%	
41) Toluene-d8	7.899	98	221628	41.684	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.360%	
43) trans-1,3-Dichloroprop...	8.179	79	36917	42.257	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.520%	
47) 2-Hexanone-d5	8.636	63	91600	106.751	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	106.750%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126875	46.228	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.460%	
66) 1,2-Dichlorobenzene-d4	12.195	152	96766	46.816	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.640%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	7248	5.050	ug/L	# 1
17) trans-1,2-Dichloroethene	3.362	96	1425	0.938	ug/L	97
19) 1,1-Dichloroethane	3.874	63	66178	23.962	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	37152	22.541	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	342905	137.113	ug/L	98
34) Trichloroethene	6.546	95	7920	4.875	ug/L	95
46) Tetrachloroethene	8.555	164	16391	13.730	ug/L	95

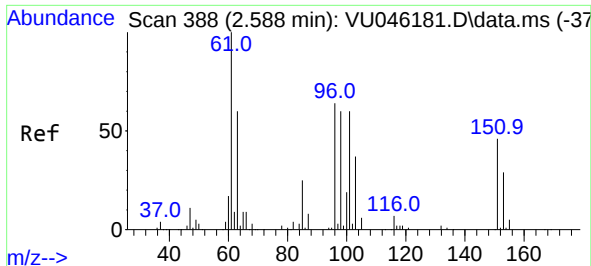
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 05:08:36 2021
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#12

1,1-Dichloroethene

Concen: 5.050 ug/L

RT: 2.584 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU046203.D

Acq: 09 Dec 2021 01:56

Instrument :

MSVOA_U

ClientSampleId :

EW5N8

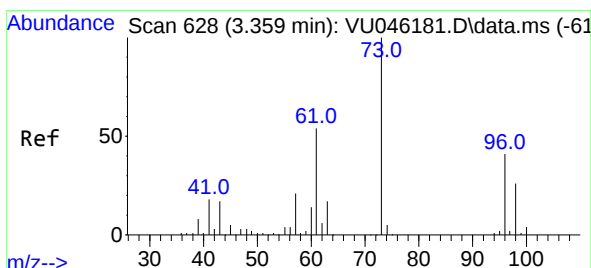
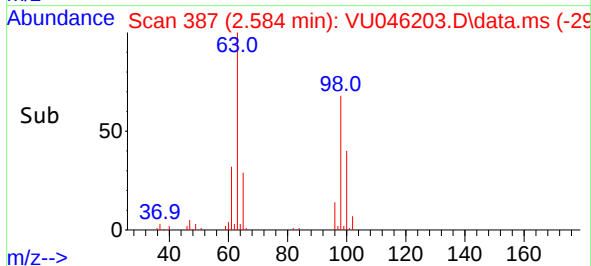
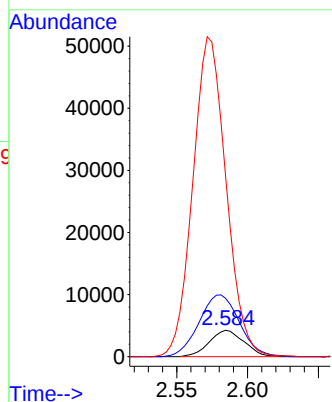
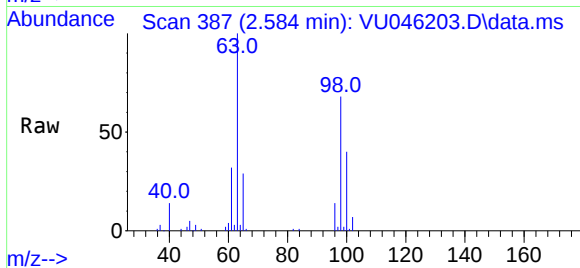
Tgt Ion: 96 Resp: 7248

Ion Ratio Lower Upper

96 100

61 221.6 118.6 220.2#

63 689.7 93.0 172.8#



#17

trans-1,2-Dichloroethene

Concen: 0.938 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU046203.D

Acq: 09 Dec 2021 01:56

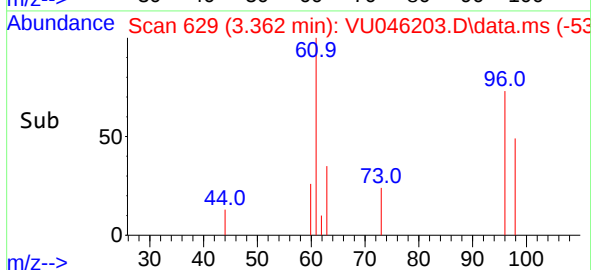
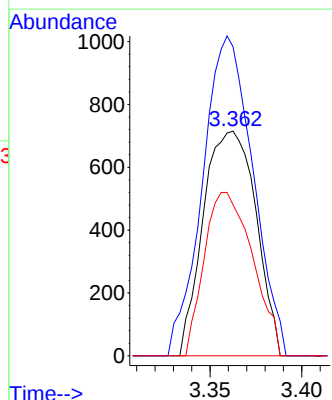
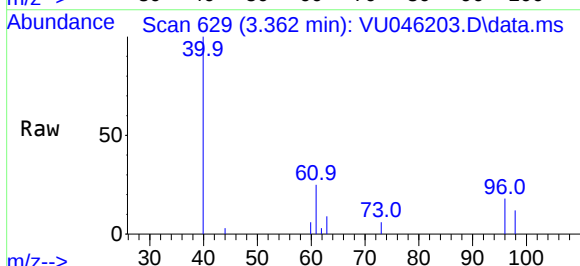
Tgt Ion: 96 Resp: 1425

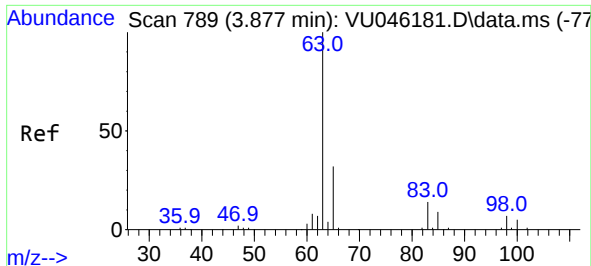
Ion Ratio Lower Upper

96 100

61 137.6 94.6 175.6

98 67.3 44.0 81.8

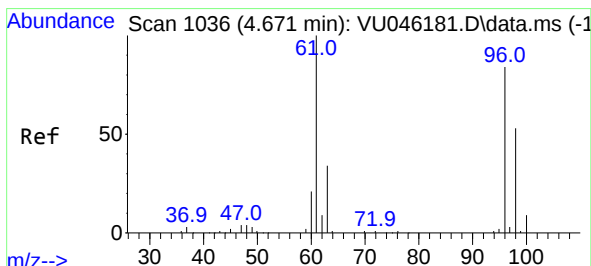
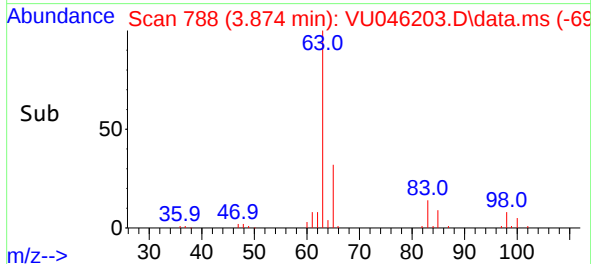
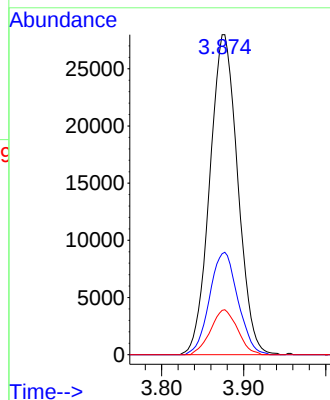
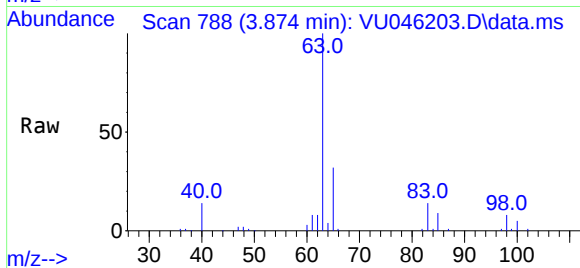




#19
1,1-Dichloroethane
Concen: 23.962 ug/L
RT: 3.874 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046203.D
Acq: 09 Dec 2021 01:56

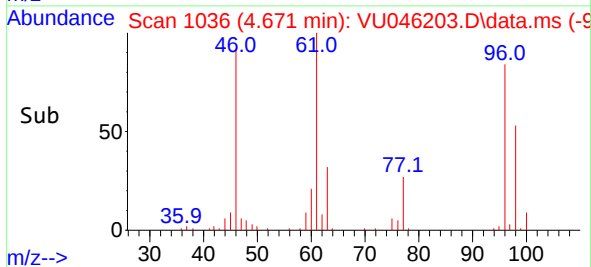
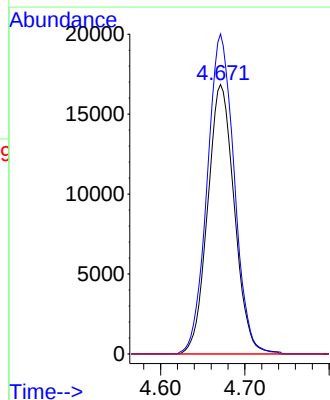
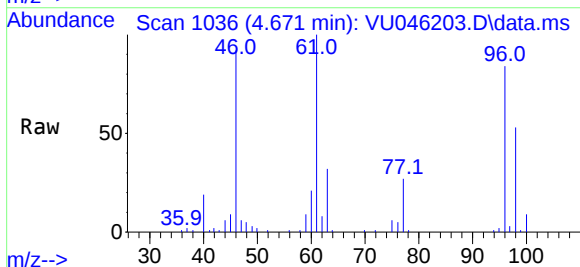
Instrument :
MSVOA_U
ClientSampleId :
EW5N8

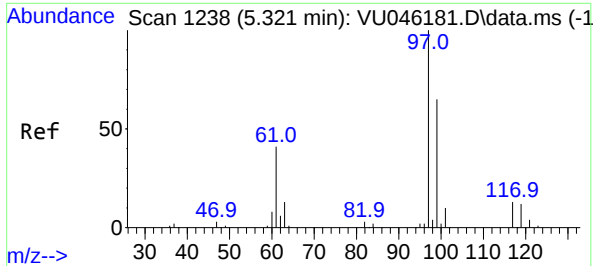
Tgt Ion: 63 Resp: 66178
Ion Ratio Lower Upper
63 100
65 31.5 22.8 42.4
83 13.9 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 22.541 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046203.D
Acq: 09 Dec 2021 01:56

Tgt Ion: 96 Resp: 37152
Ion Ratio Lower Upper
96 100
61 118.7 86.8 161.2
68 0.0 0.0 0.0



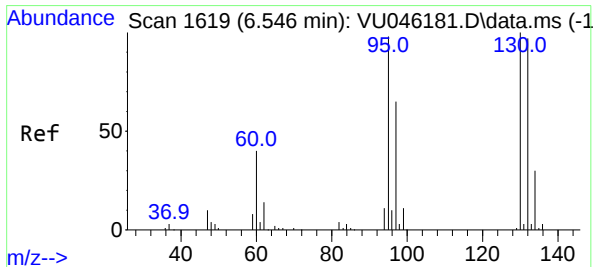
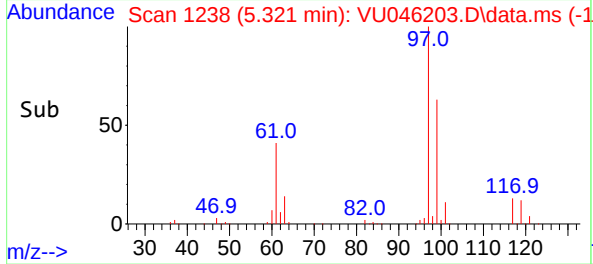
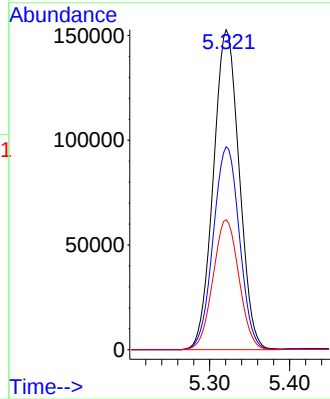
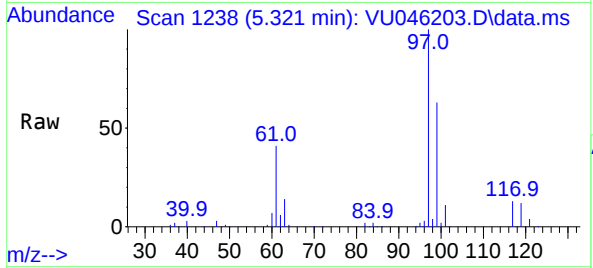


#30
1,1,1-Trichloroethane
Concen: 137.113 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046203.D
Acq: 09 Dec 2021 01:56

Instrument :
MSVOA_U
ClientSampleId :
EW5N8

Tgt Ion: 97 Resp: 342905

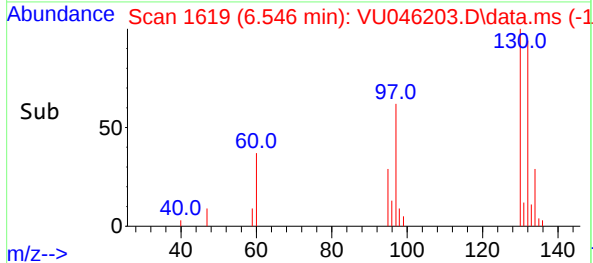
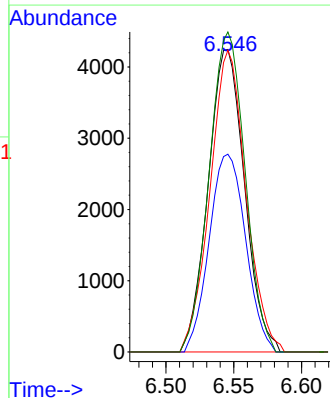
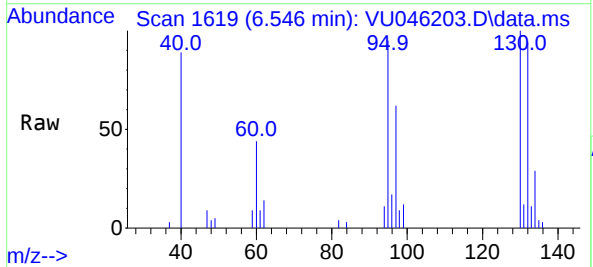
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.6
61	40.8	34.4	51.6

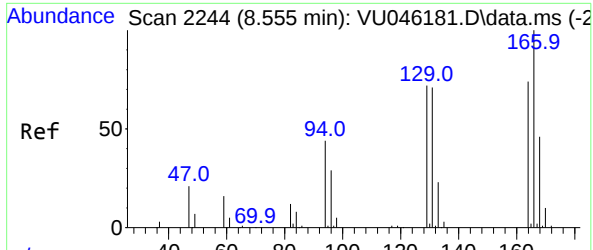


#34
Trichloroethene
Concen: 4.875 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046203.D
Acq: 09 Dec 2021 01:56

Tgt Ion: 95 Resp: 7920

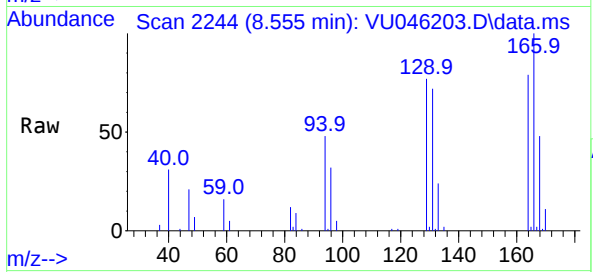
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.1	81.9
132	99.6	66.8	124.0
130	105.7	69.0	128.1





#46
 Tetrachloroethene
 Concen: 13.730 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046203.D
 Acq: 09 Dec 2021 01:56

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5N8



Tgt Ion:164 Resp: 16391

Ion	Ratio	Lower	Upper
164	100		
129	96.8	71.1	132.1
131	90.3	67.8	126.0
166	126.0	90.6	168.2

