

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044499.D
 Acq On : 23 Aug 2021 13:52
 Operator : SY/MD
 Sample : M3515-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4558

Quant Time: Aug 24 03:59:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 03:56:17 2021
 Response via : Initial Calibration

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

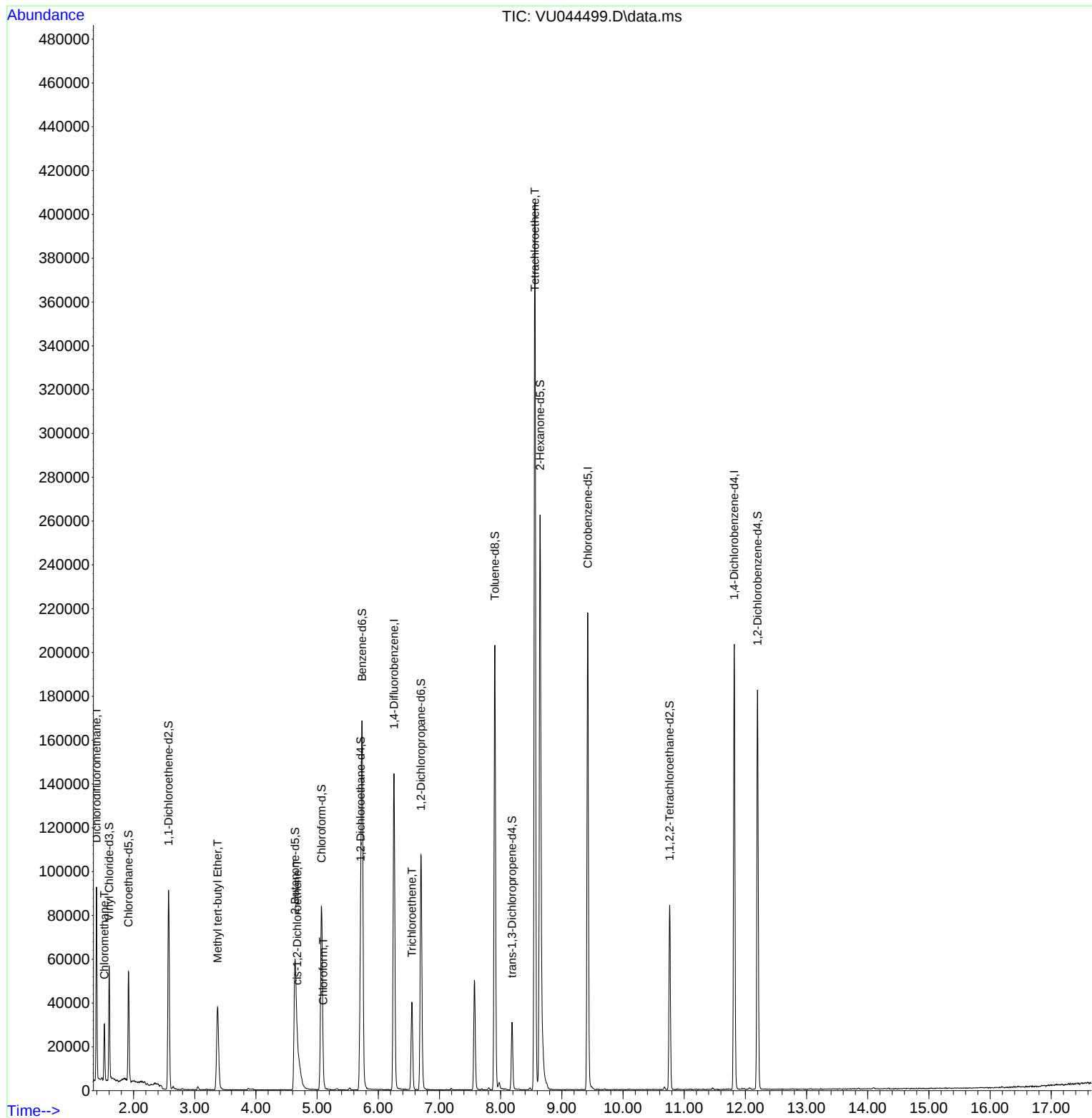
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	113895	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	114966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	51888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36796	3.995	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.916	69	36219	4.524	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.572	65	17497	4.465	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.639	46	133465	52.390	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.780%	
24) Chloroform-d	5.073	84	78141	4.797	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.710	65	44794	5.043	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	5.735	84	156157	4.824	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.697	67	51406	4.964	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.906	98	131248	4.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
43) trans-1,3-Dichloroprop...	8.185	79	17512	4.708	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.200%	
46) 2-Hexanone-d5	8.645	63	110564	54.970	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.940%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	43121	4.944	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	12.198	152	45205	5.156	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.395	85	1281	0.109	ug/L	99
3) Chloromethane	1.523	50	17781	1.159	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	42423	1.874	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	2592	0.266	ug/L	97
25) Chloroform	5.099	83	3125	0.172	ug/L	99
34) Trichloroethene	6.549	95	13619	1.412	ug/L	97
47) Tetrachloroethene	8.558	164	85055	12.756	ug/L	98

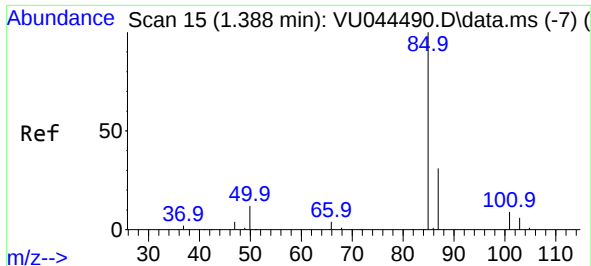
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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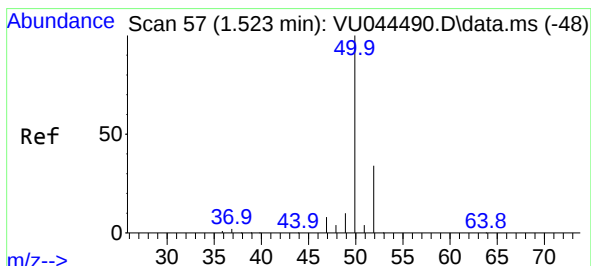
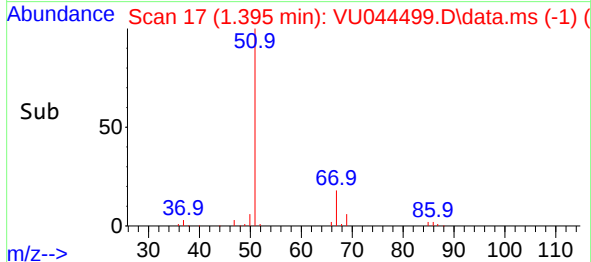
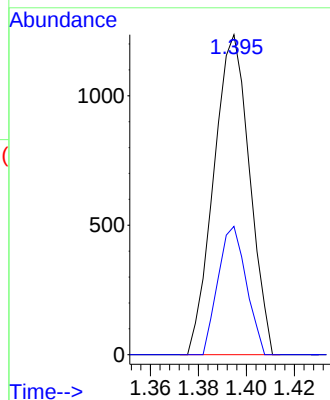
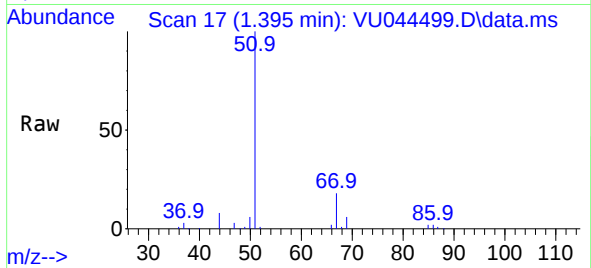




#2
Dichlorodifluoromethane
Concen: 0.109 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

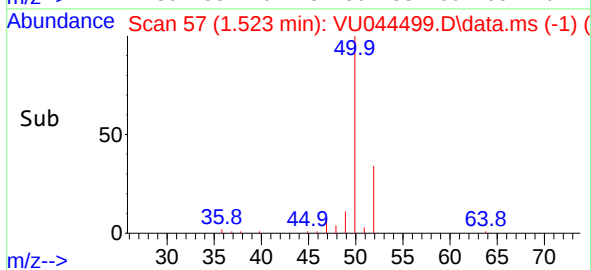
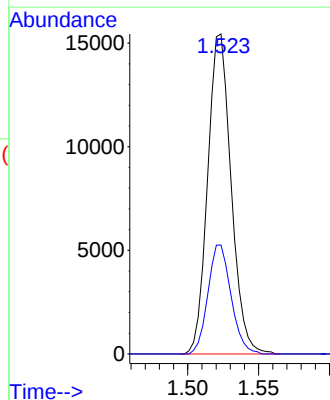
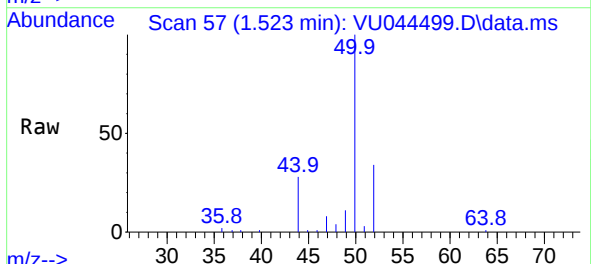
Instrument :
MSVOA_U
ClientSampled :
H4558

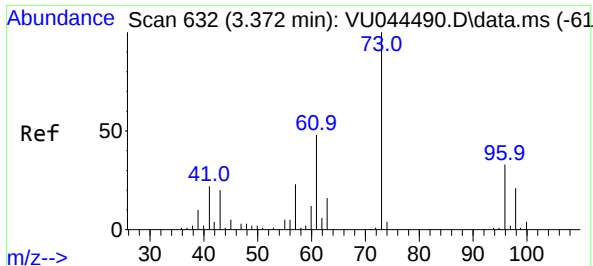
Tgt Ion: 85 Resp: 1281
Ion Ratio Lower Upper
85 100
87 31.6 25.7 38.5



#3
Chloromethane
Concen: 1.159 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Tgt Ion: 50 Resp: 17781
Ion Ratio Lower Upper
50 100
52 34.1 22.8 42.4



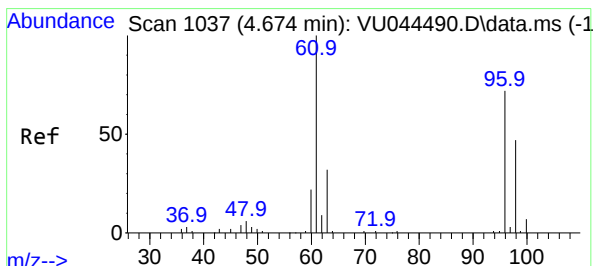
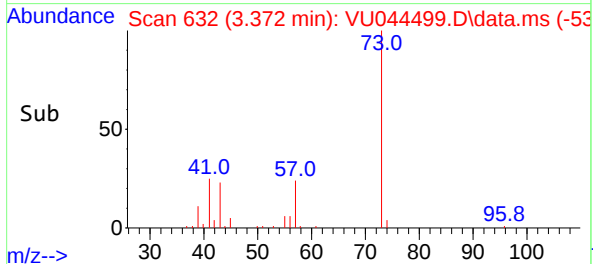
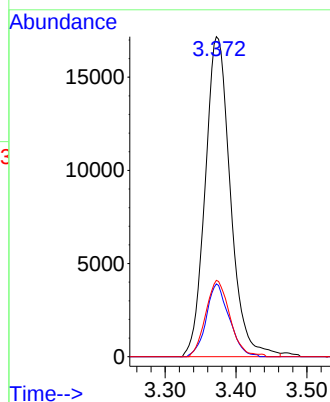
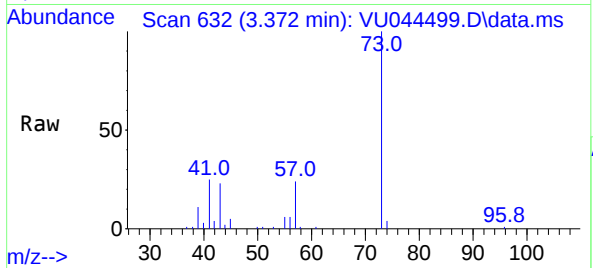


#17
Methyl tert-butyl Ether
Concen: 1.874 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Instrument :
MSVOA_U
ClientSampleId :
H4558

Tgt Ion: 73 Resp: 42423

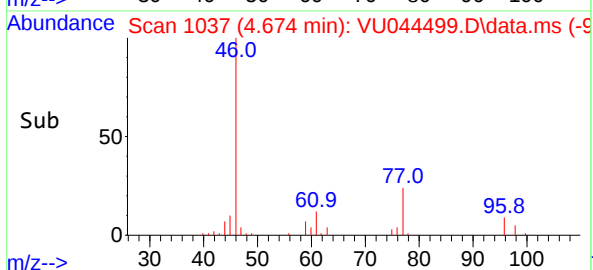
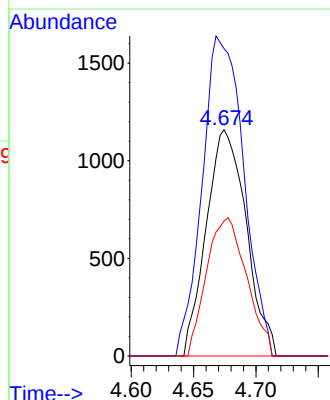
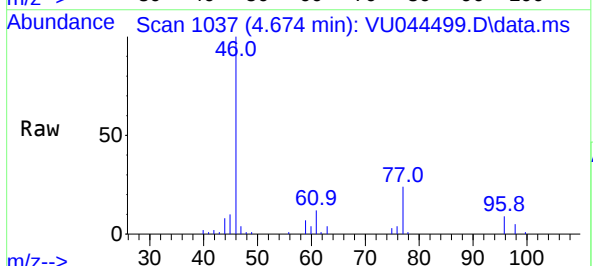
Ion	Ratio	Lower	Upper
73	100		
43	20.7	16.2	24.4
57	22.9	17.8	26.8

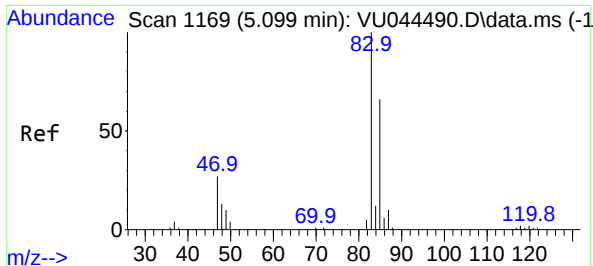


#22
cis-1,2-Dichloroethene
Concen: 0.266 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Tgt Ion: 96 Resp: 2592

Ion	Ratio	Lower	Upper
96	100		
61	135.8	93.9	174.5
98	59.6	44.7	83.1



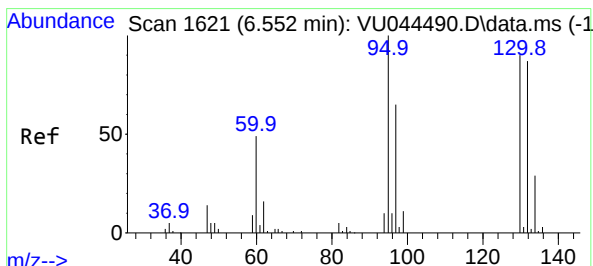
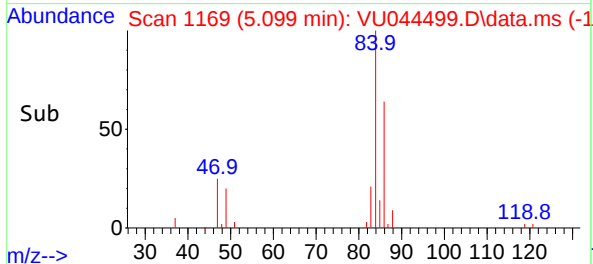
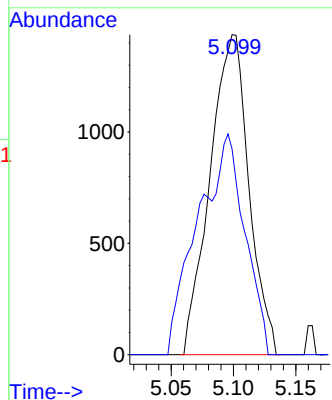
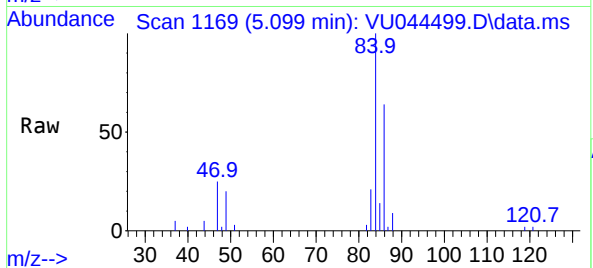


#25

Chloroform
Concen: 0.172 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Instrument :
MSVOA_U
ClientSampleId :
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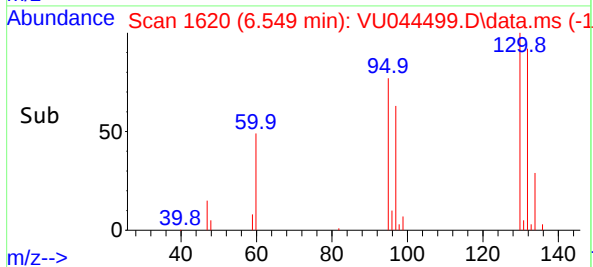
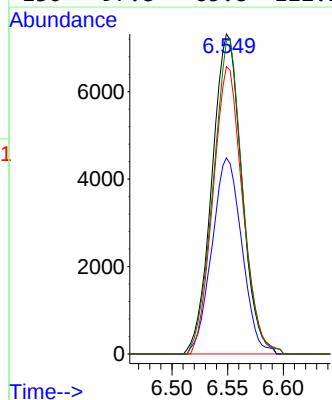
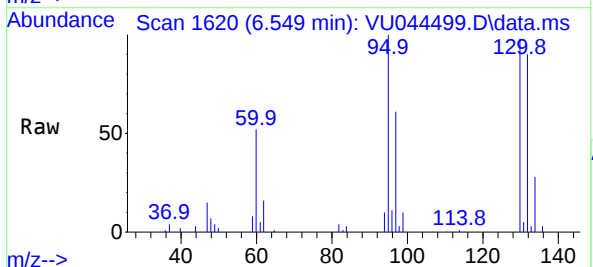
Tgt Ion: 83 Resp: 3125
Ion Ratio Lower Upper
83 100
85 64.3 45.3 84.1

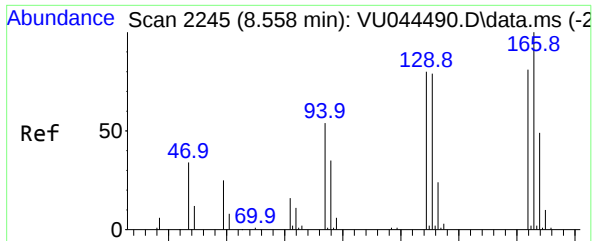


#34

Trichloroethene
Concen: 1.412 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Tgt Ion: 95 Resp: 13619
Ion Ratio Lower Upper
95 100
97 61.3 45.6 84.8
132 89.8 63.4 117.8
130 97.8 65.8 122.2





#47
Tetrachloroethene
Concen: 12.756 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044499.D
Acq: 23 Aug 2021 13:52

Instrument :
MSVOA_U
ClientSampled :
H4558

Tgt Ion:164 Resp: 85055

Ion	Ratio	Lower	Upper
164	100		
129	99.7	71.0	131.8
131	96.2	68.0	126.4
166	123.3	89.0	165.4

