

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044498.D
 Acq On : 23 Aug 2021 13:28
 Operator : SY/MD
 Sample : M3515-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4557

Quant Time: Aug 24 03:59:11 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

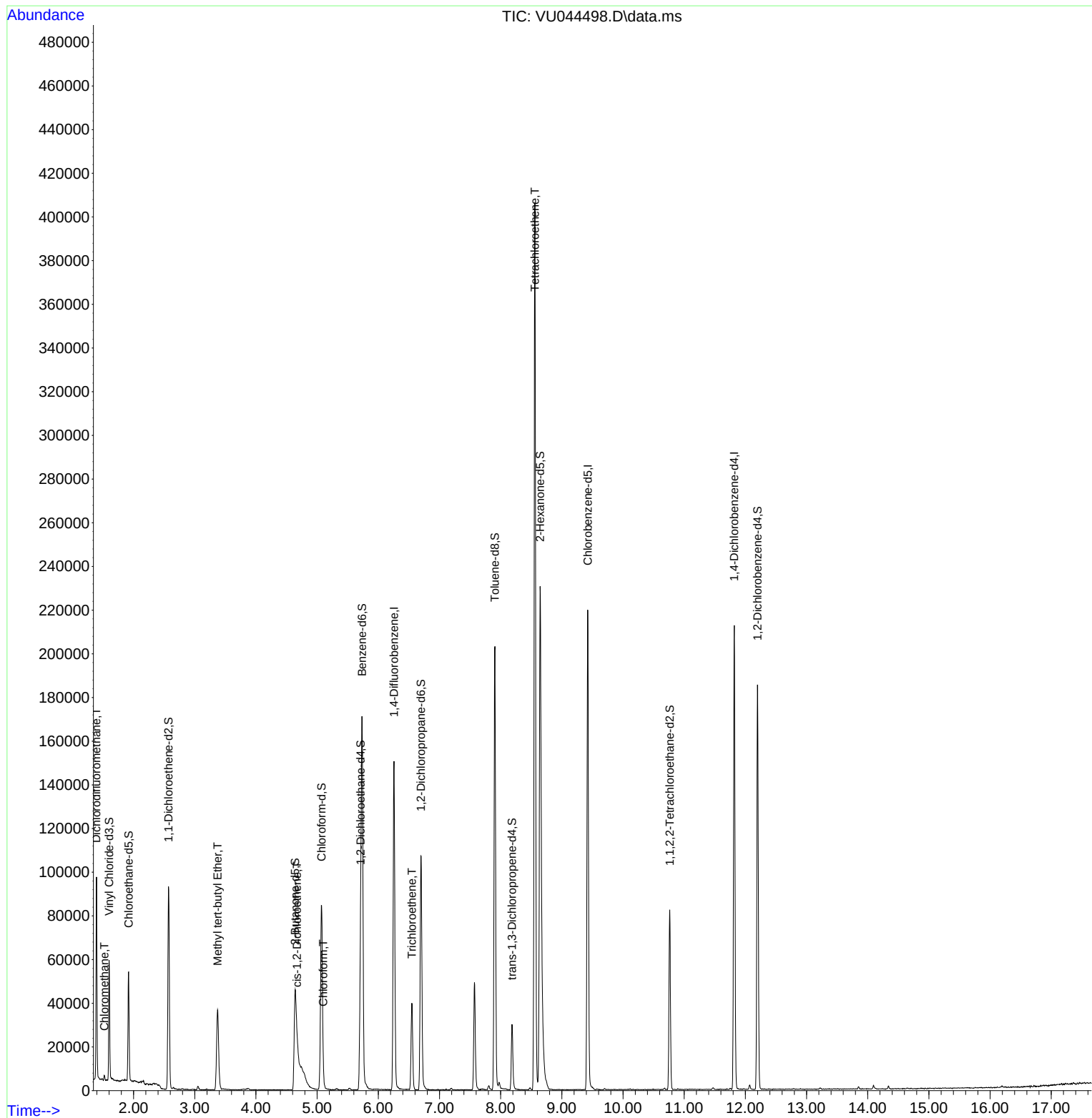
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	118282	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	118013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38113	3.984	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.600%	
7) Chloroethane-d5	1.919	69	36724	4.417	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	2.572	65	17807	4.376	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	4.642	46	134353	50.782	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.560%	
24) Chloroform-d	5.073	84	79447	4.697	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.710	65	43145	4.677	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.735	84	157595	4.742	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.697	67	51785	4.871	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.906	98	131617	4.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	8.186	79	17700	4.636	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.645	63	108580	52.590	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.180%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43063	4.809	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	12.198	152	45625	5.083	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.392	85	1356	0.111	ug/L	100
3) Chloromethane	1.523	50	1487	0.093	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	40781	1.735	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	2652	0.262	ug/L	98
25) Chloroform	5.099	83	2941	0.156	ug/L	93
34) Trichloroethene	6.549	95	13549	1.369	ug/L	98
47) Tetrachloroethene	8.558	164	84653	12.368	ug/L	99

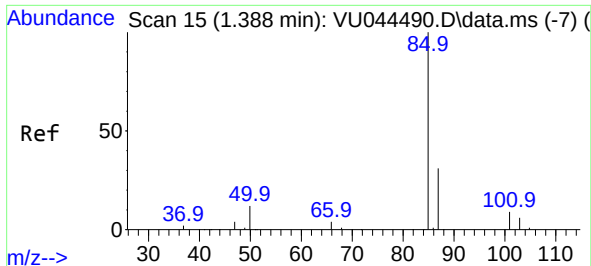
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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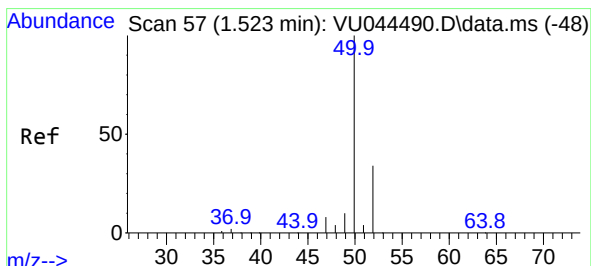
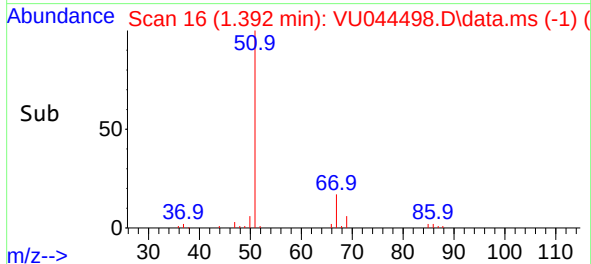
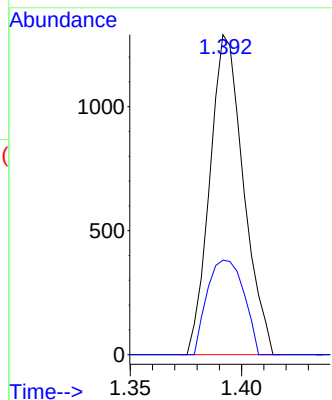
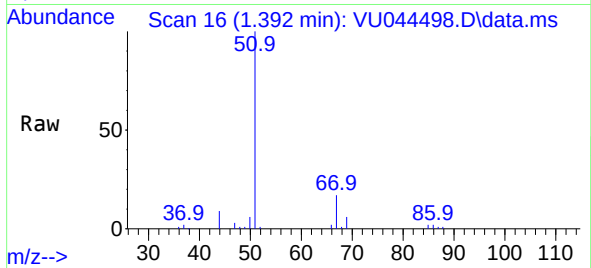




#2
Dichlorodifluoromethane
Concen: 0.111 ug/L
RT: 1.392 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

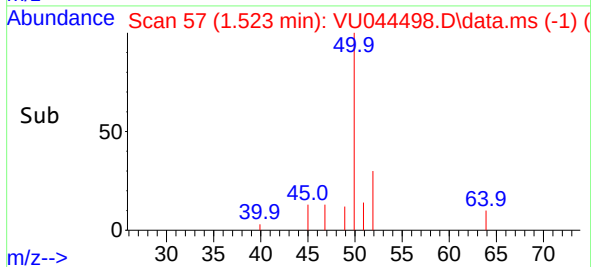
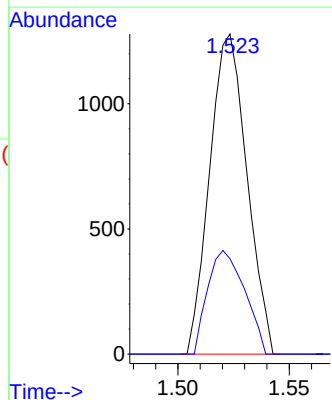
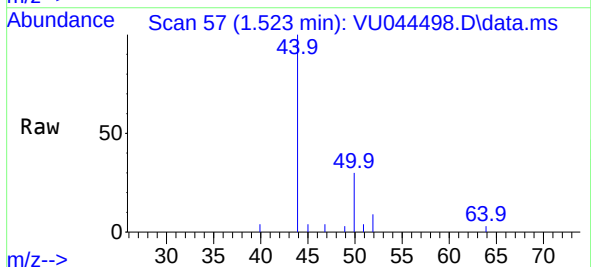
Instrument :
MSVOA_U
ClientSampled :
H4557

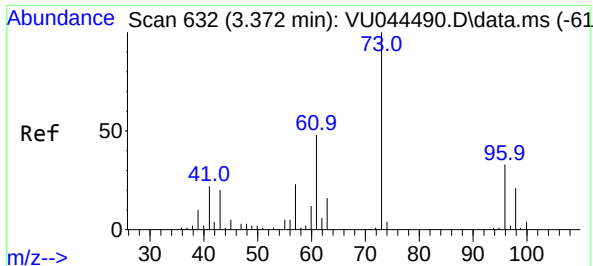
Tgt Ion: 85 Resp: 1356
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Tgt Ion: 50 Resp: 1487
Ion Ratio Lower Upper
50 100
52 29.8 22.8 42.4



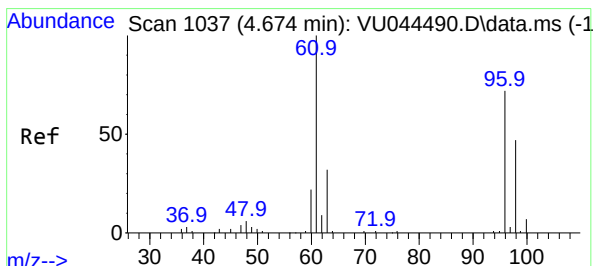
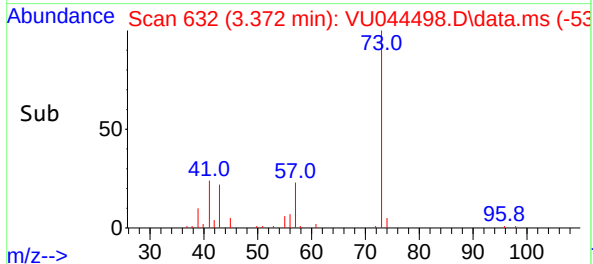
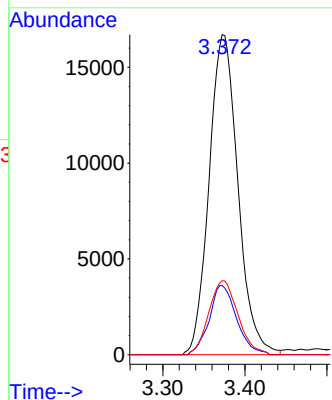
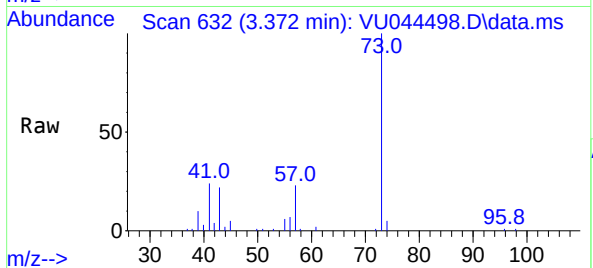


#17

Methyl tert-butyl Ether
 Concen: 1.735 ug/L
 RT: 3.372 min Scan# 632
 Delta R.T. 0.000 min
 Lab File: VU044498.D
 Acq: 23 Aug 2021 13:28

Instrument :
 MSVOA_U
 ClientSampled :
 H4557

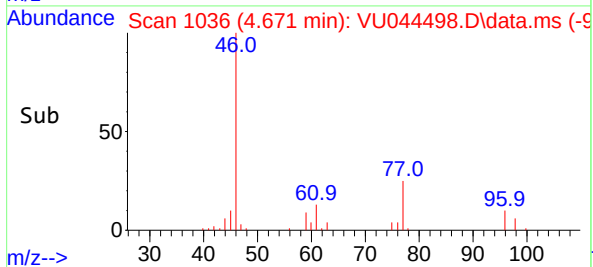
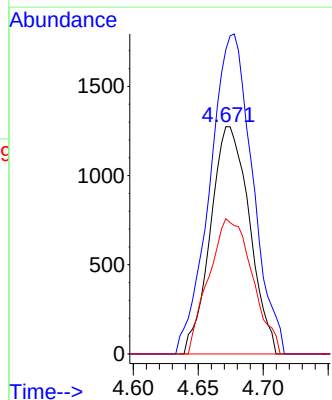
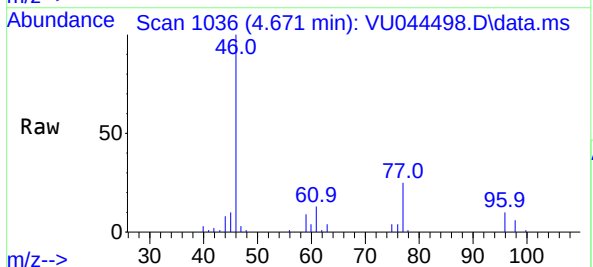
Tgt Ion: 73	Resp: 40781
Ion Ratio	Lower Upper
73 100	
43 20.6	16.2 24.4
57 23.4	17.8 26.8

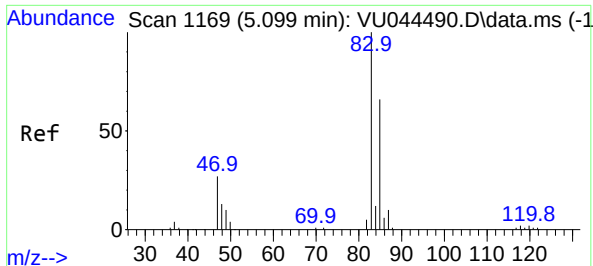


#22

cis-1,2-Dichloroethene
 Concen: 0.262 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU044498.D
 Acq: 23 Aug 2021 13:28

Tgt Ion: 96	Resp: 2652		
Ion Ratio	Lower	Upper	
96	100		
61	133.8	93.9	174.5
98	59.5	44.7	83.1



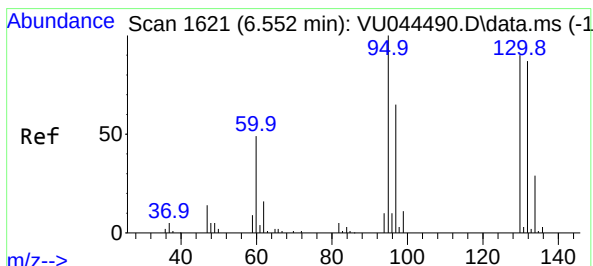
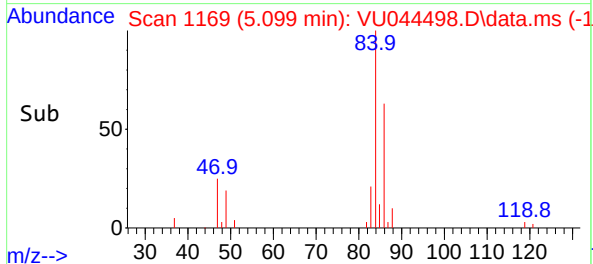
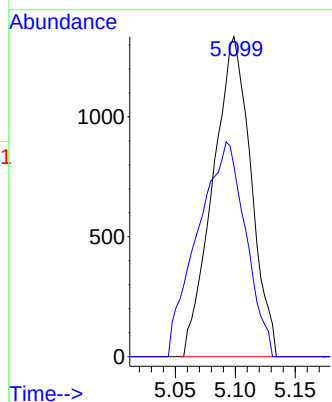
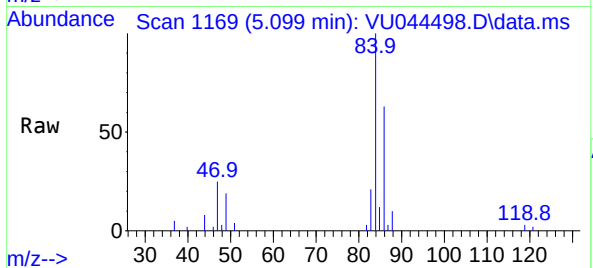


#25

Chloroform
Concen: 0.156 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

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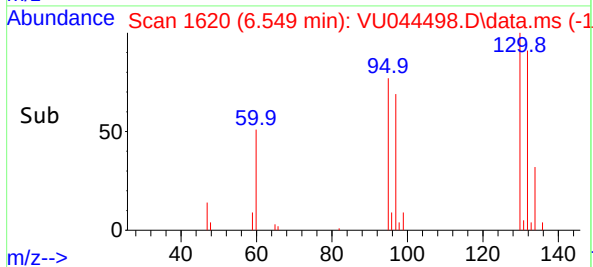
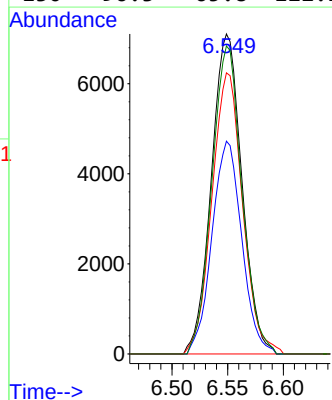
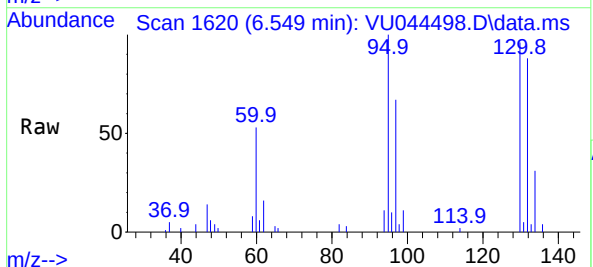
Tgt Ion: 83 Resp: 2941
Ion Ratio Lower Upper
83 100
85 59.5 45.3 84.1

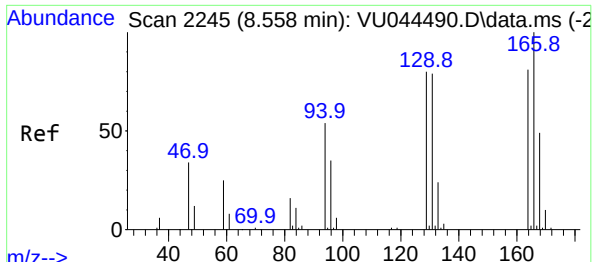


#34

Trichloroethene
Concen: 1.369 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Tgt Ion: 95 Resp: 13549
Ion Ratio Lower Upper
95 100
97 66.5 45.6 84.8
132 87.9 63.4 117.8
130 96.3 65.8 122.2





#47
Tetrachloroethene
Concen: 12.368 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044498.D
Acq: 23 Aug 2021 13:28

Instrument :
MSVOA_U
ClientSampled :
H4557

Tgt Ion:164 Resp: 84653

Ion	Ratio	Lower	Upper
164	100		
129	100.0	71.0	131.8
131	97.3	68.0	126.4
166	126.9	89.0	165.4

