

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052838.D
 Acq On : 27 Jan 2023 11:53
 Operator : JC/MD
 Sample : 01295-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0LC5

Quant Time: Jan 27 22:21:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

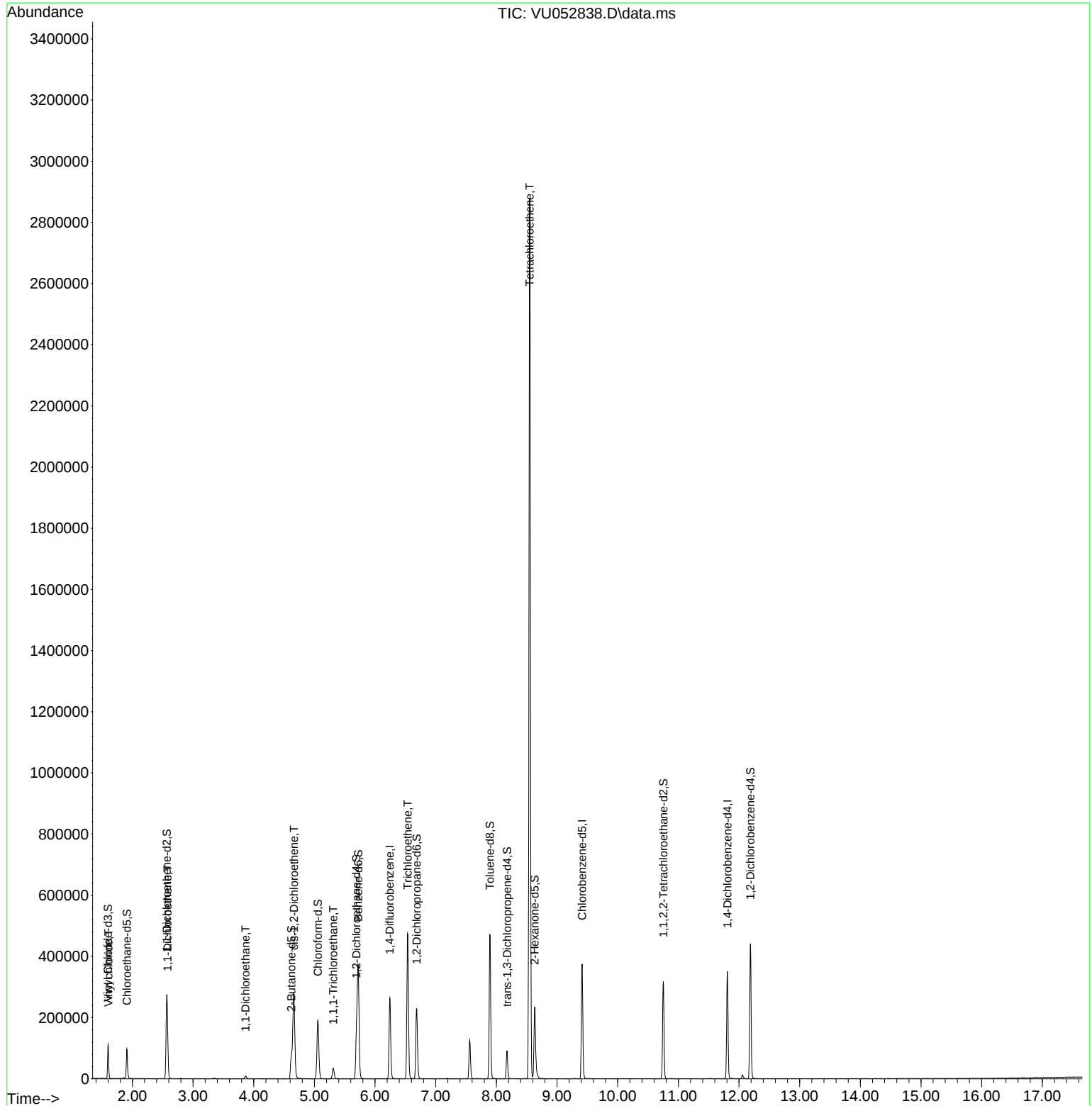
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	219991	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214417	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98172	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79445	50.174	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 100.340%		
7) Chloroethane-d5	1.909	69	70913	54.353	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 108.700%		
11) 1,1-Dichloroethene-d2	2.565	63	145435	46.180	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 92.360%		
21) 2-Butanone-d5	4.620	46	106350	108.726	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 108.730%		
24) Chloroform-d	5.057	84	180939	53.544	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 107.080%		
26) 1,2-Dichloroethane-d4	5.694	65	120945	56.053	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 112.100%		
32) Benzene-d6	5.723	84	357140	54.519	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 109.040%		
36) 1,2-Dichloropropane-d6	6.684	67	106213	55.283	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 110.560%		
41) Toluene-d8	7.893	98	309409	51.870	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 103.740%		
43) trans-1,3-Dichloroprop...	8.176	79	50507	52.450	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 104.900%		
47) 2-Hexanone-d5	8.629	63	79756	118.145	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 118.140%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	150934	53.172	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 106.340%		
66) 1,2-Dichlorobenzene-d4	12.189	152	122660	64.347	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 128.700%#		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.604	62	3015	1.604	ug/L	# 48
12) 1,1-Dichloroethene	2.578	96	38726	23.796	ug/L	# 66
19) 1,1-Dichloroethane	3.864	63	10535	3.416	ug/L	96
20) cis-1,2-Dichloroethene	4.662	96	151088	80.463	ug/L	96
30) 1,1,1-Trichloroethane	5.311	97	26103	8.276	ug/L	98
34) Trichloroethene	6.536	95	155753	83.957	ug/L	95
46) Tetrachloroethene	8.549	164	650790	407.398	ug/L	98

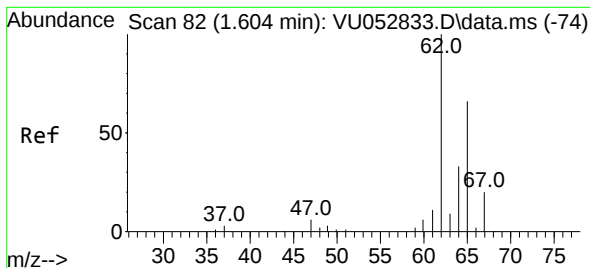
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 27 22:21:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 27 22:20:01 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.604 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU052838.D

Acq: 27 Jan 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

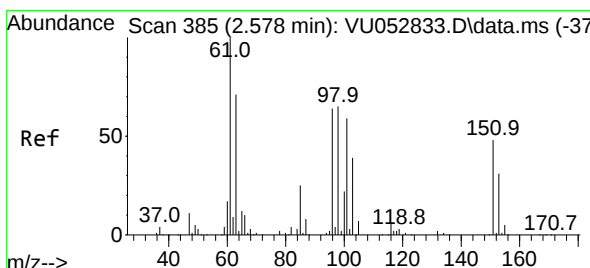
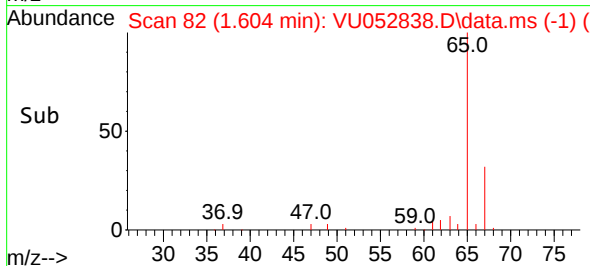
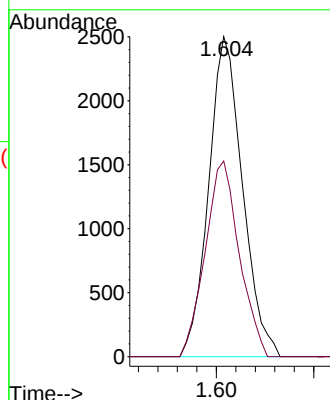
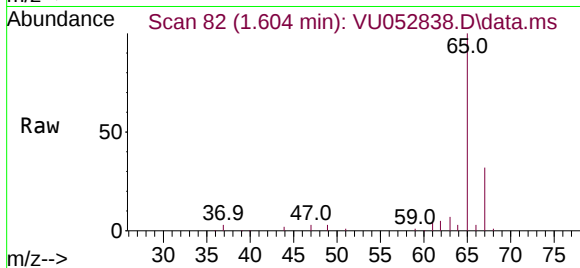
C0LC5

Tgt Ion: 62 Resp: 3015

Ion Ratio Lower Upper

62 100

64 61.1 22.4 41.6#



#12

1,1-Dichloroethene

Concen: 23.796 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU052838.D

Acq: 27 Jan 2023 11:53

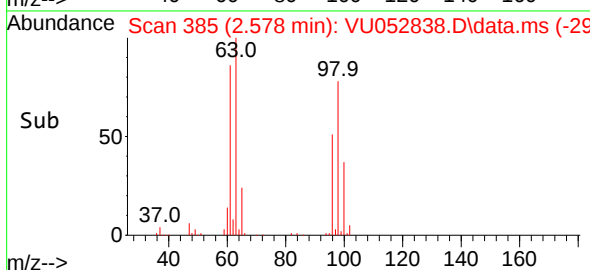
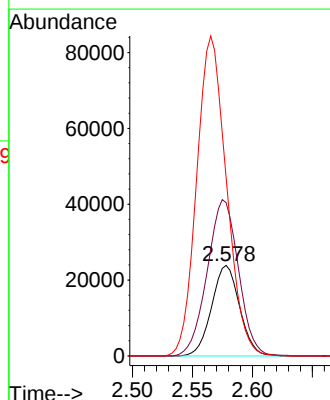
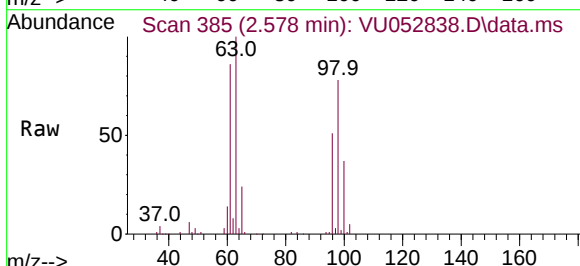
Tgt Ion: 96 Resp: 38726

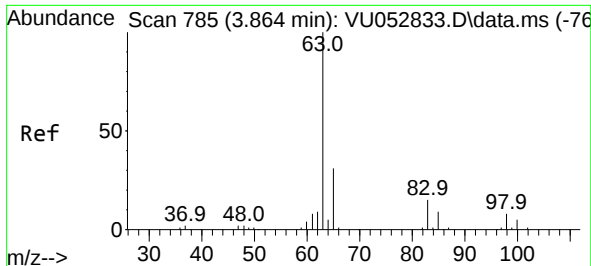
Ion Ratio Lower Upper

96 100

61 169.3 114.3 212.3

63 197.2 80.6 149.6#

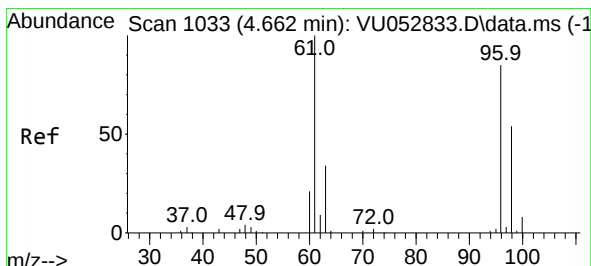
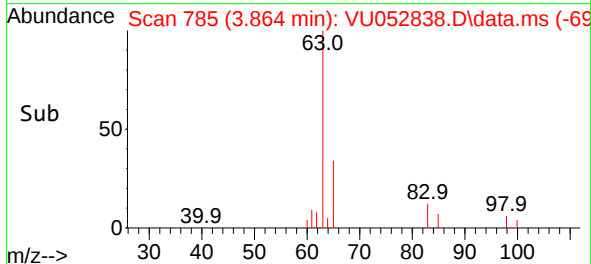
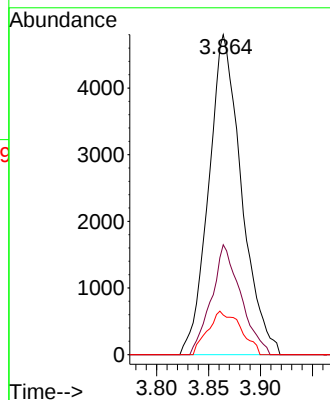
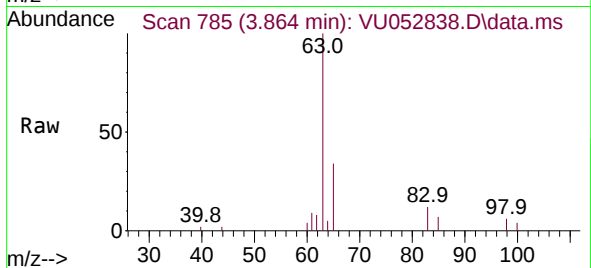




#19
1,1-Dichloroethane
Concen: 3.416 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU052838.D
Acq: 27 Jan 2023 11:53

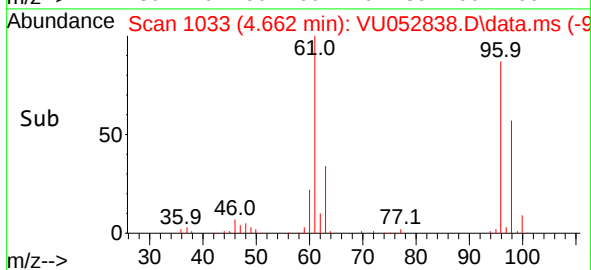
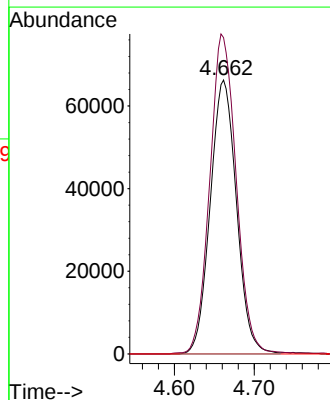
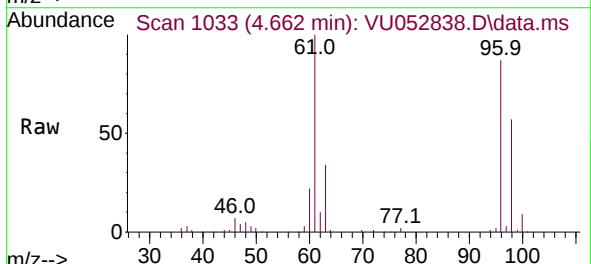
Instrument :
MSVOA_U
ClientSampleId :
C0LC5

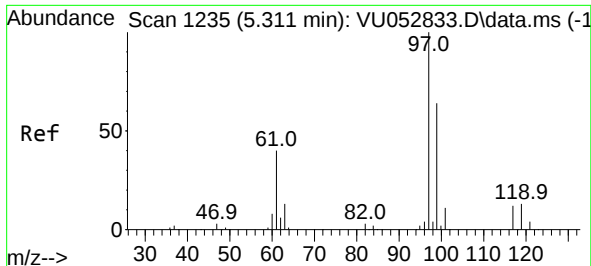
Tgt Ion:	63	Resp:	10535
Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.4	41.6
83	12.4	9.2	17.2



#20
cis-1,2-Dichloroethene
Concen: 80.463 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052838.D
Acq: 27 Jan 2023 11:53

Tgt Ion:	96	Resp:	151088
Ion	Ratio	Lower	Upper
96	100		
61	115.4	84.1	156.1
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 8.276 ug/L

RT: 5.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052838.D

Acq: 27 Jan 2023 11:53

Instrument :

MSVOA_U

ClientSampleId :

C0LC5

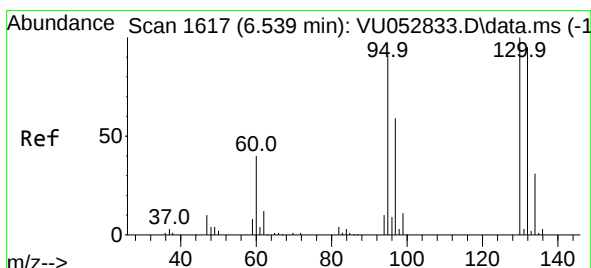
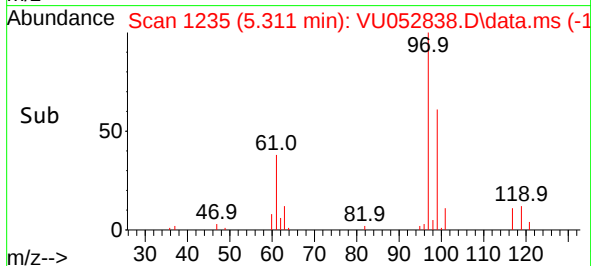
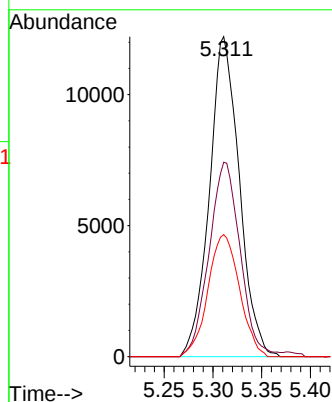
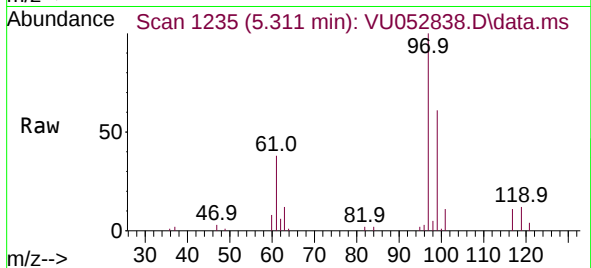
Tgt Ion: 97 Resp: 26103

Ion Ratio Lower Upper

97 100

99 63.0 51.4 77.0

61 40.2 33.0 49.6



#34

Trichloroethene

Concen: 83.957 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU052838.D

Acq: 27 Jan 2023 11:53

Tgt Ion: 95 Resp: 155753

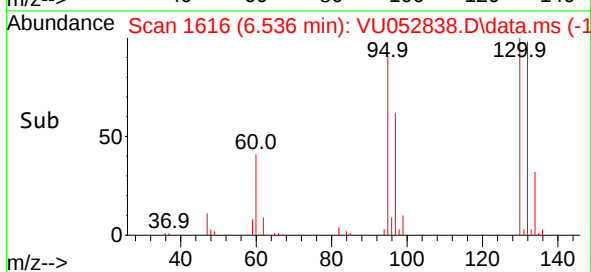
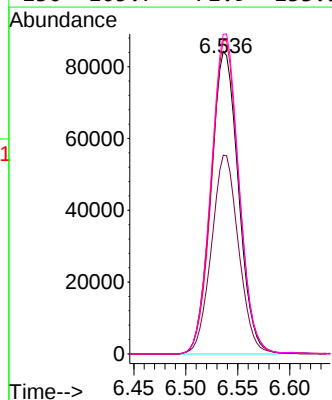
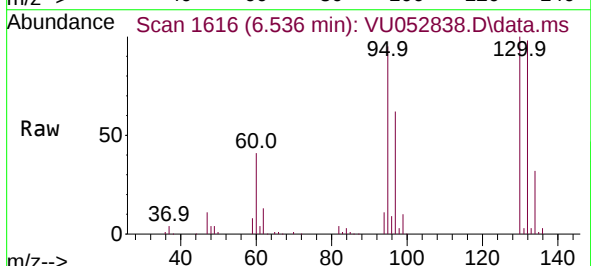
Ion Ratio Lower Upper

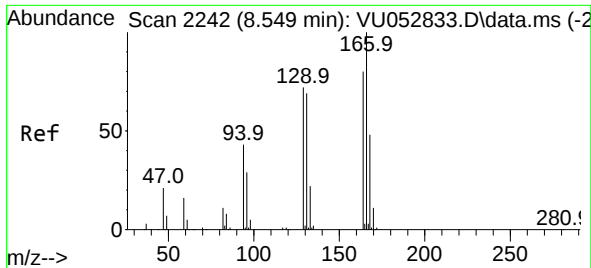
95 100

97 65.7 44.5 82.7

132 103.7 66.8 124.0

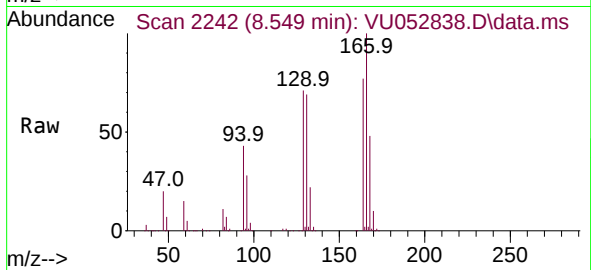
130 105.7 71.9 133.5





#46
 Tetrachloroethene
 Concen: 407.398 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU052838.D
 Acq: 27 Jan 2023 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 C0LC5



Tgt Ion:	164	Resp:	650790
Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.8	120.3
131	89.8	61.2	113.6
166	129.2	89.2	165.8

