

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052084.D
 Acq On : 23 Nov 2022 11:23
 Operator : JC/MD
 Sample : N5760-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL22

Quant Time: Nov 24 08:58:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

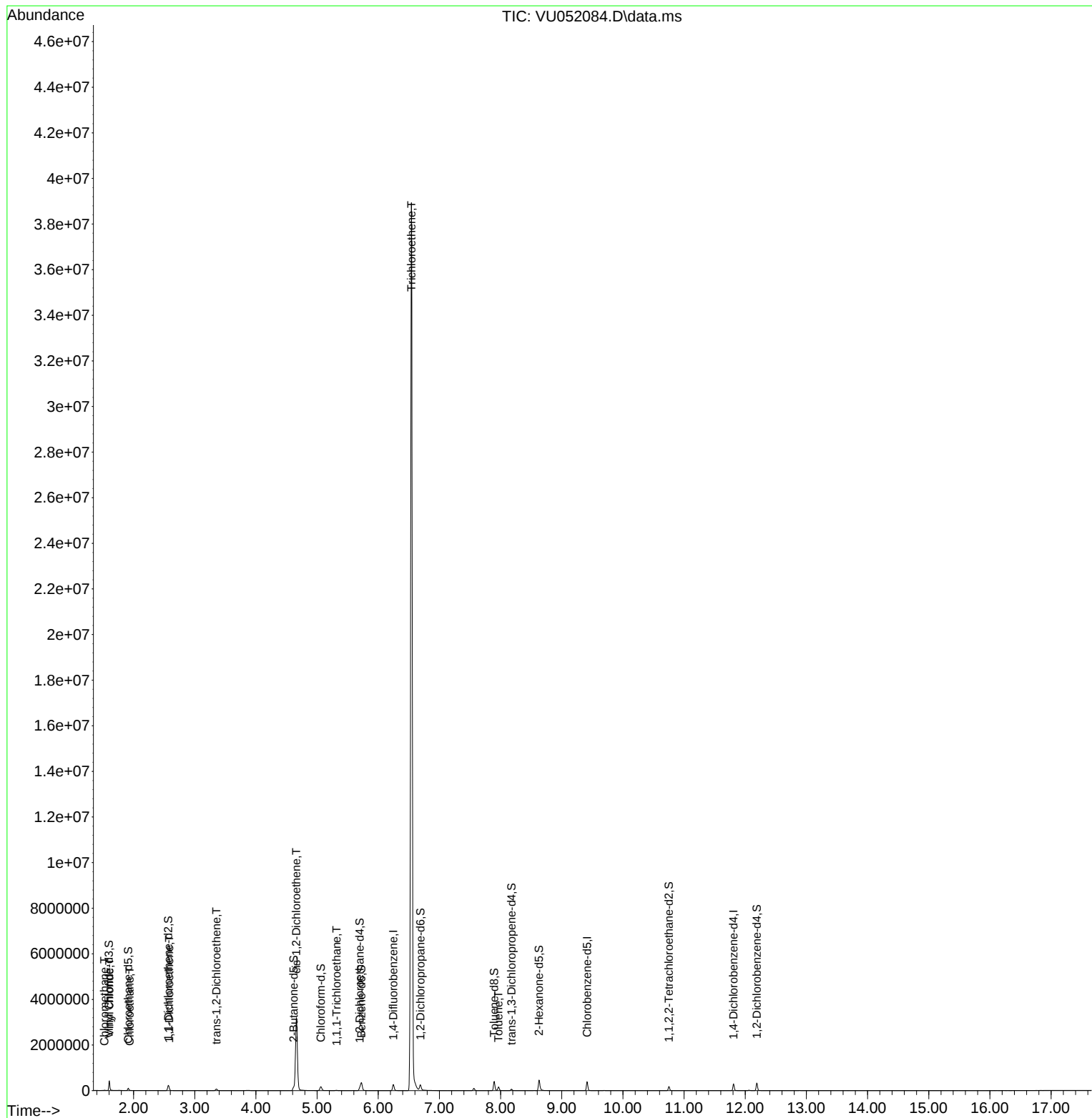
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	223309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	222390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	96751	4.454	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.000%	
7) Chloroethane-d5	1.912	69	81203	4.813	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.568	65	36378	4.672	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.400%	
20) 2-Butanone-d5	4.616	46	209545	53.221	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.440%	
24) Chloroform-d	5.060	84	161784	5.069	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.697	65	86152	5.344	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
32) Benzene-d6	5.726	84	352156	5.334	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
36) 1,2-Dichloropropane-d6	6.690	67	114094	5.584	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.600%	
41) Toluene-d8	7.896	98	280139	4.690	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	8.179	79	35353	4.748	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.000%	
46) 2-Hexanone-d5	8.629	63	160124	50.745	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.480%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91062	5.140	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.800%	
66) 1,2-Dichlorobenzene-d4	12.188	152	91668	5.870	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	11587	0.458	ug/L	98
5) Vinyl chloride	1.604	62	223298	9.195	ug/L	100
8) Chloroethane	1.938	64	1902	0.126	ug/L	98
12) 1,1-Dichloroethene	2.581	96	28164	1.739	ug/L #	64
18) trans-1,2-Dichloroethene	3.353	96	30808	1.774	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	1733699	95.130	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	9825	0.398	ug/L	91
34) Trichloroethene	6.542	95	14080445	779.988	ug/L	96
42) Toluene	7.967	91	120800	1.623	ug/L	97

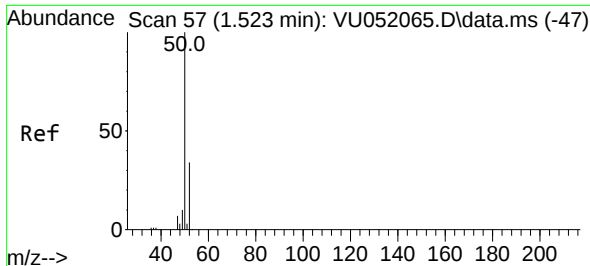
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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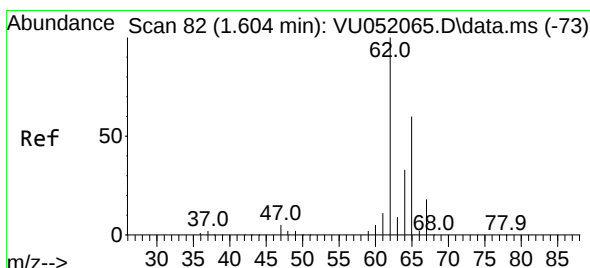
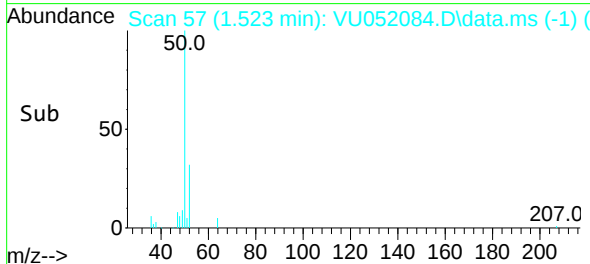
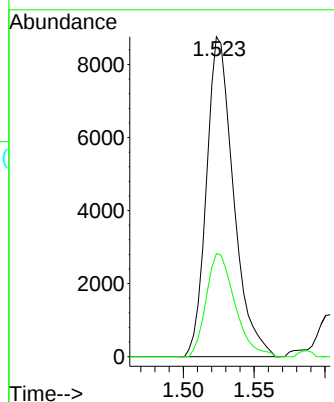
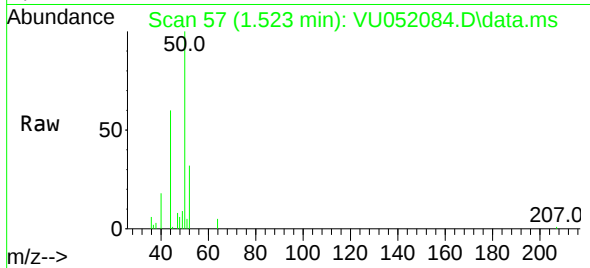




#3
Chloromethane
Concen: 0.458 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

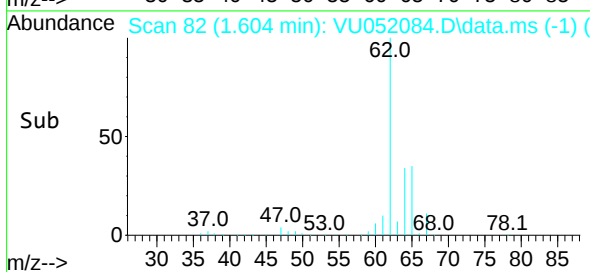
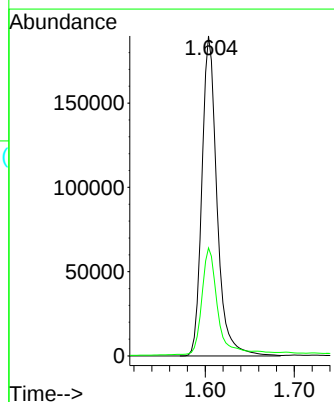
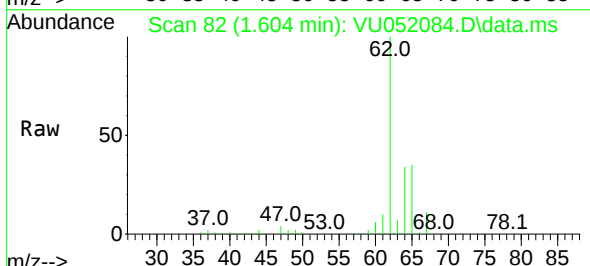
Instrument :
MSVOA_U
ClientSampleId :
COL22

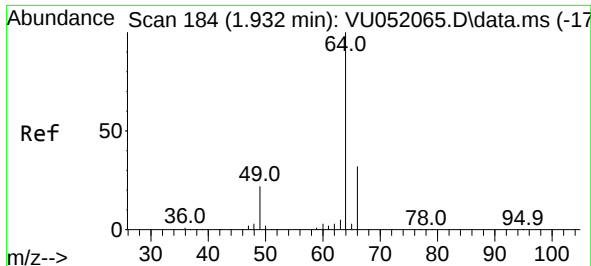
Tgt Ion: 50 Resp: 11587
Ion Ratio Lower Upper
50 100
52 32.2 23.4 43.4



#5
Vinyl chloride
Concen: 9.195 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

Tgt Ion: 62 Resp: 223298
Ion Ratio Lower Upper
62 100
64 33.7 23.5 43.7

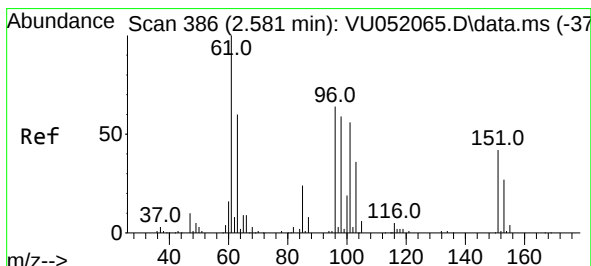
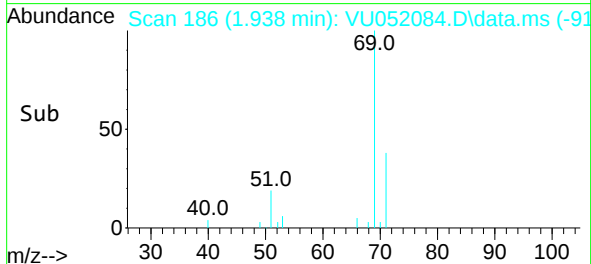
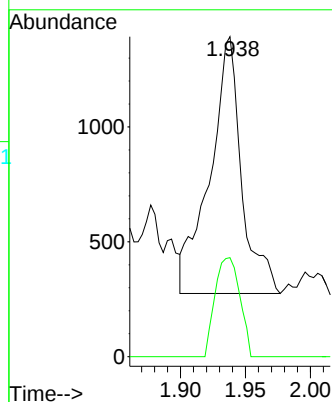
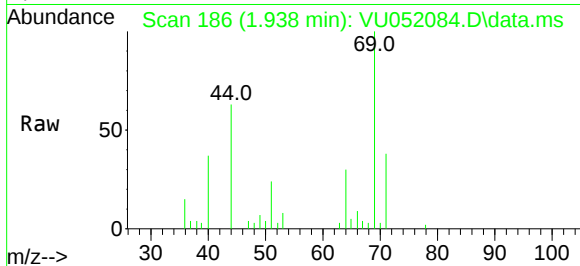




#8
Chloroethane
Concen: 0.126 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

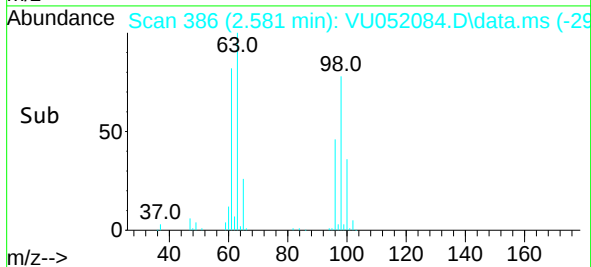
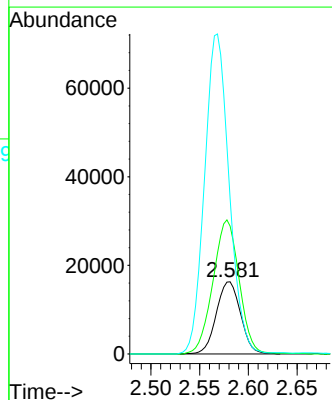
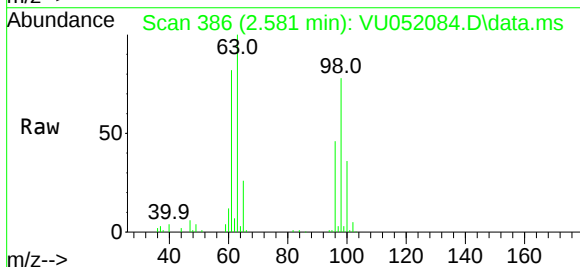
Instrument :
MSVOA_U
ClientSampleId :
COL22

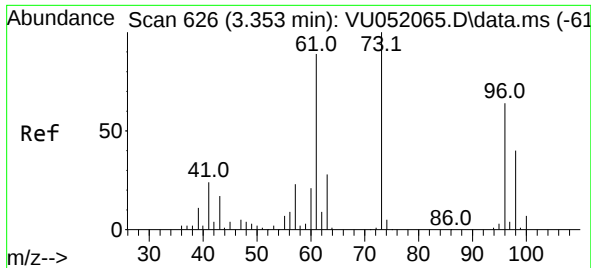
Tgt Ion: 64 Resp: 1902
Ion Ratio Lower Upper
64 100
66 30.9 21.1 39.1



#12
1,1-Dichloroethene
Concen: 1.739 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

Tgt Ion: 96 Resp: 28164
Ion Ratio Lower Upper
96 100
61 177.4 114.8 213.2
63 215.5 93.7 174.1#

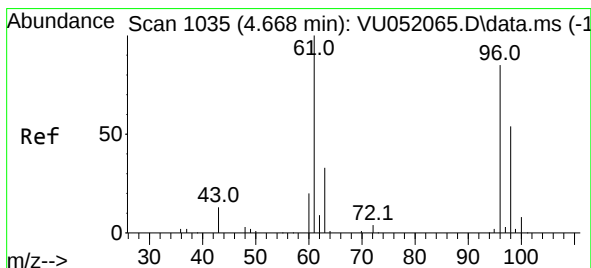
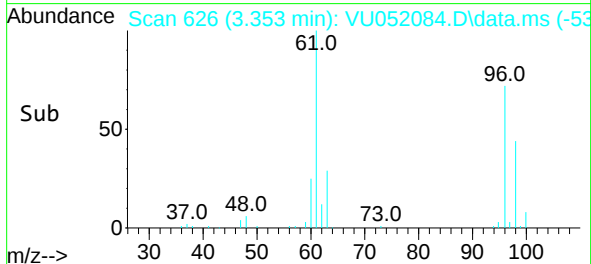
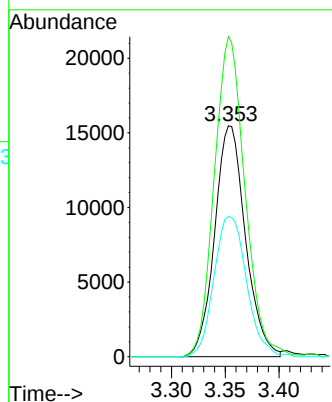
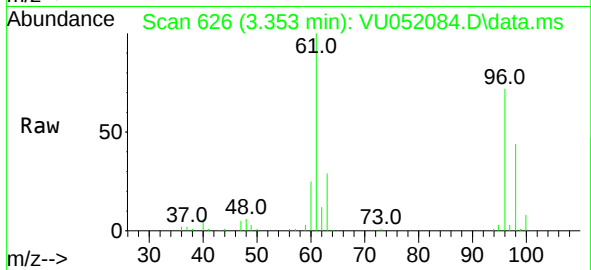




#18
trans-1,2-Dichloroethene
Concen: 1.774 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

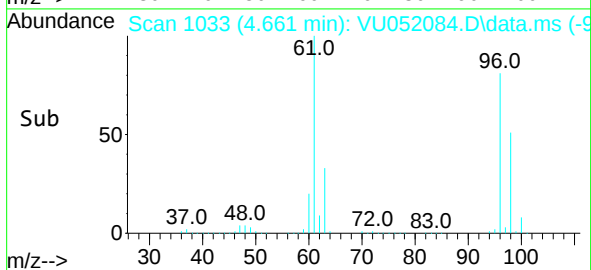
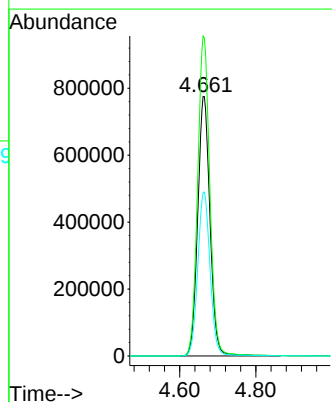
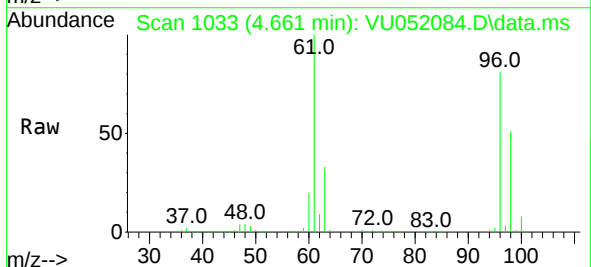
Instrument :
MSVOA_U
ClientSampleId :
COL22

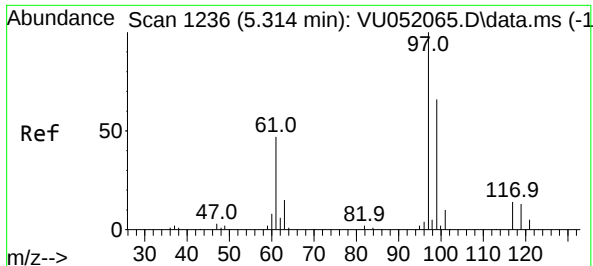
Tgt Ion: 96 Resp: 30808
Ion Ratio Lower Upper
96 100
61 138.6 97.9 181.7
98 60.7 43.8 81.3



#22
cis-1,2-Dichloroethene
Concen: 95.130 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052084.D
Acq: 23 Nov 2022 11:23

Tgt Ion: 96 Resp: 1733699
Ion Ratio Lower Upper
96 100
61 123.3 85.1 158.1
98 62.9 42.8 79.6





#29

1,1,1-Trichloroethane

Concen: 0.398 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU052084.D

Acq: 23 Nov 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

COL22

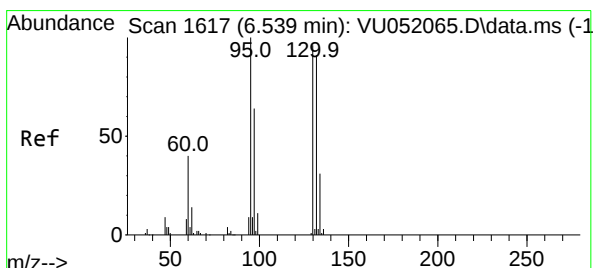
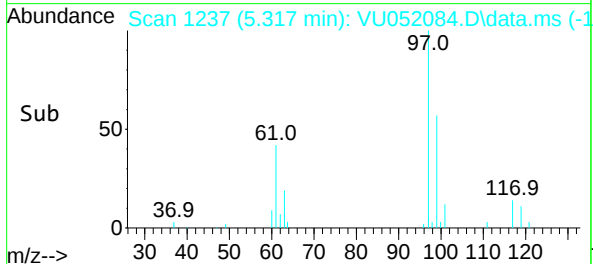
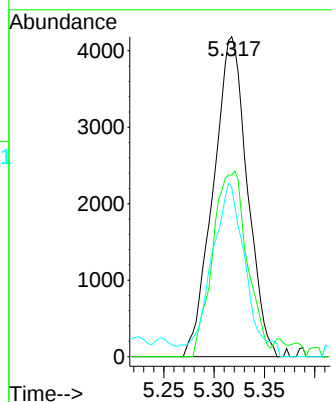
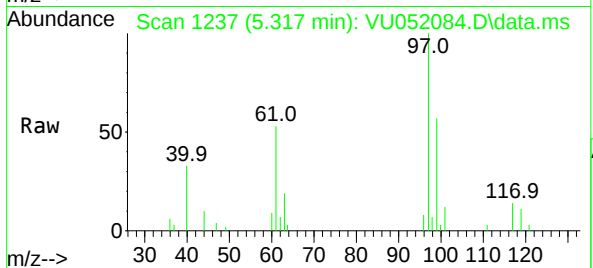
Tgt Ion: 97 Resp: 9825

Ion Ratio Lower Upper

97 100

99 58.8 51.0 76.6

61 53.9 36.9 55.3



#34

Trichloroethene

Concen: 779.988 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU052084.D

Acq: 23 Nov 2022 11:23

Tgt Ion: 95 Resp:14080445

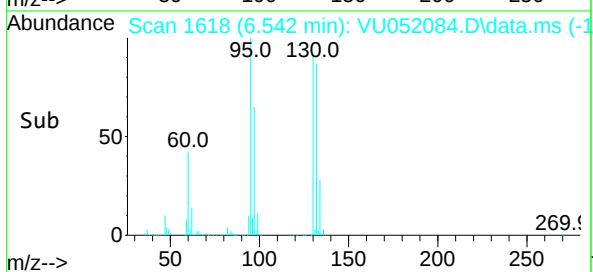
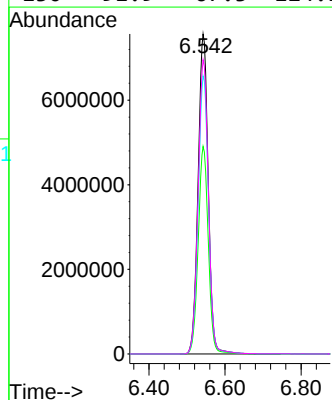
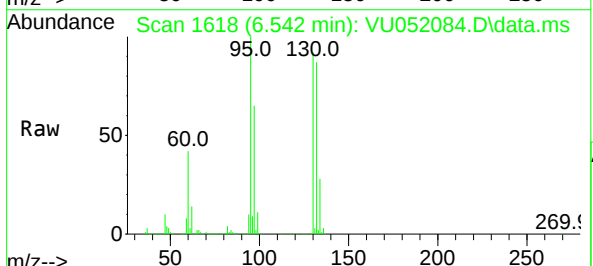
Ion Ratio Lower Upper

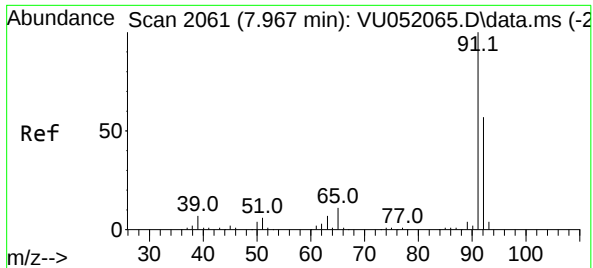
95 100

97 64.9 43.7 81.1

132 86.8 64.3 119.3

130 91.9 67.3 124.9





#42
 Toluene
 Concen: 1.623 ug/L
 RT: 7.967 min Scan# 2061
 Delta R.T. -0.000 min
 Lab File: VU052084.D
 Acq: 23 Nov 2022 11:23

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Tgt Ion: 91 Resp: 120800
 Ion Ratio Lower Upper
 91 100
 92 55.8 40.7 75.5

