

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050859.D
 Acq On : 21 Sep 2022 02:38
 Operator : JC/MD
 Sample : N4650-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ36

Quant Time: Sep 21 04:42:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

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

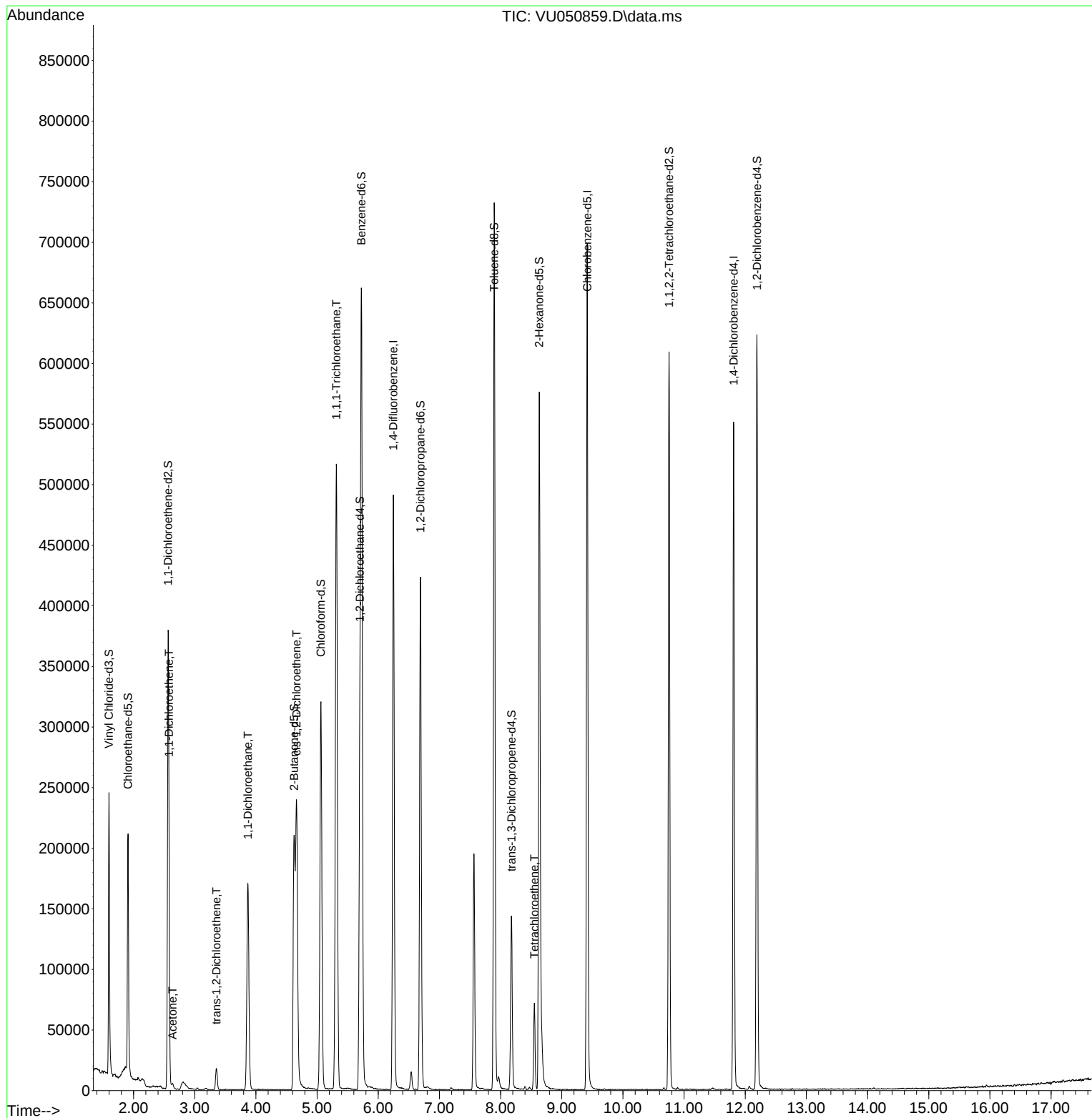
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	388464	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	381541	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	140911	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	174397	43.331	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.660%	
7) Chloroethane-d5	1.909	69	143200	49.958	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	99.920%	
11) 1,1-Dichloroethene-d2	2.565	63	220247	35.169	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.340%	
21) 2-Butanone-d5	4.623	46	312682	120.338	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	120.340%	
24) Chloroform-d	5.063	84	302735	47.997	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.700	65	197548	50.822	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.640%	
32) Benzene-d6	5.726	84	612757	48.758	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.520%	
36) 1,2-Dichloropropane-d6	6.690	67	208087	49.054	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.100%	
41) Toluene-d8	7.896	98	486179	44.257	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.520%	
43) trans-1,3-Dichloroprop...	8.179	79	80051	43.379	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.760%	
47) 2-Hexanone-d5	8.632	63	182796	104.567	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	104.570%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	309437	47.846	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.700%	
66) 1,2-Dichlorobenzene-d4	12.192	152	157864	53.507	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.020%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	15546	5.205	ug/L	# 1
13) Acetone	2.639	43	4801	2.182	ug/L	96
17) trans-1,2-Dichloroethene	3.356	96	7832	2.559	ug/L	93
19) 1,1-Dichloroethane	3.867	63	197245	31.891	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	114590	33.763	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	375393	73.955	ug/L	99
46) Tetrachloroethene	8.552	164	14590	6.225	ug/L	93

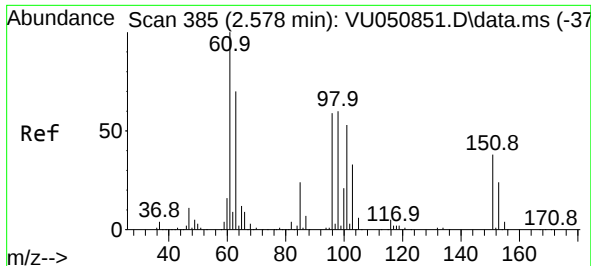
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 21 04:30:12 2022
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#12

1,1-Dichloroethene

Concen: 5.205 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU050859.D

Acq: 21 Sep 2022 02:38

Instrument :

MSVOA_U

ClientSampleId :

EXZ36

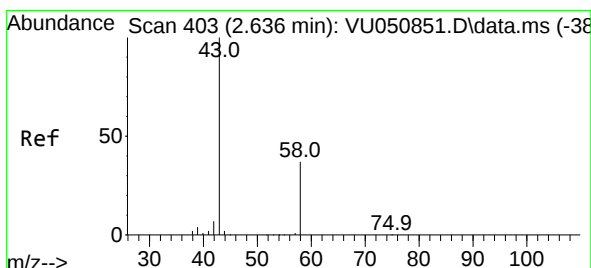
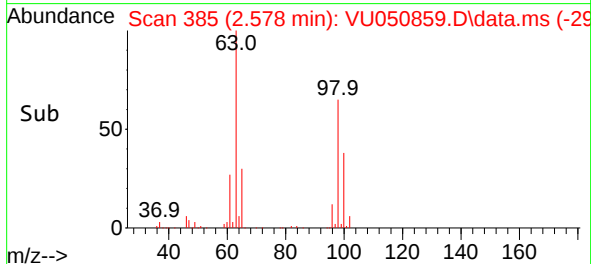
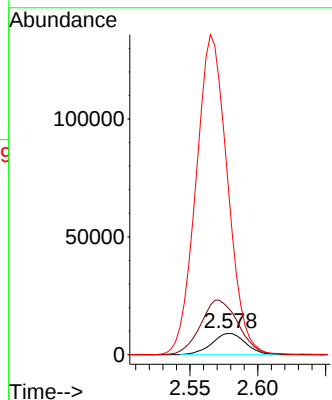
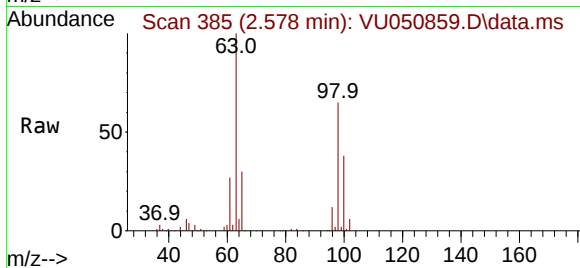
Tgt Ion: 96 Resp: 15546

Ion Ratio Lower Upper

96 100

61 221.3 118.6 220.2#

63 810.1 90.4 168.0#



#13

Acetone

Concen: 2.182 ug/L

RT: 2.639 min Scan# 404

Delta R.T. 0.003 min

Lab File: VU050859.D

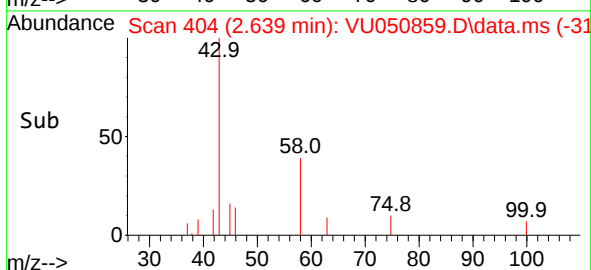
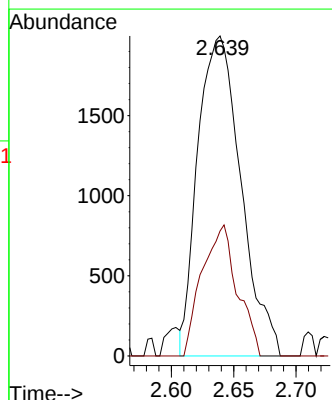
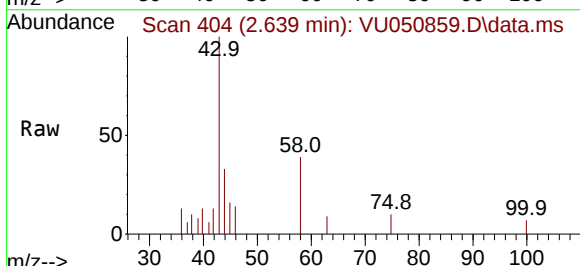
Acq: 21 Sep 2022 02:38

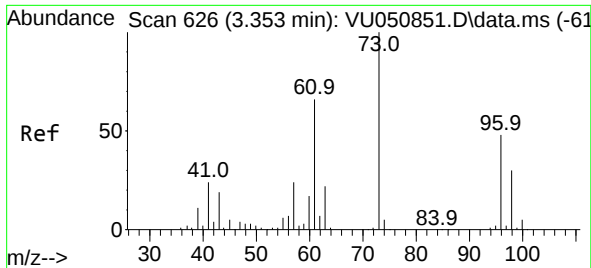
Tgt Ion: 43 Resp: 4801

Ion Ratio Lower Upper

43 100

58 33.5 0.0 71.4

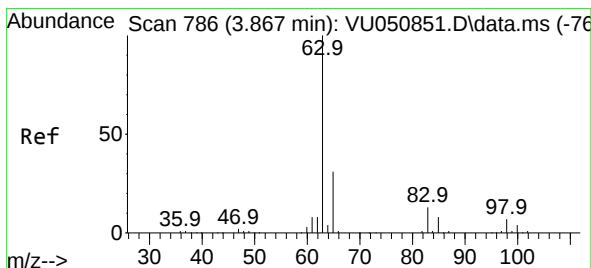
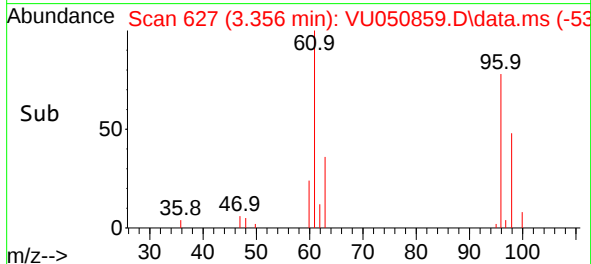
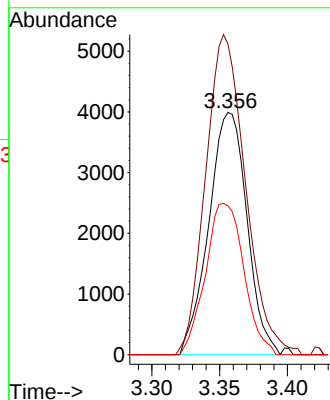
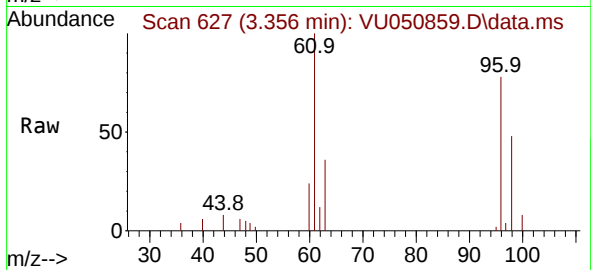




#17
trans-1,2-Dichloroethene
Concen: 2.559 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050859.D
Acq: 21 Sep 2022 02:38

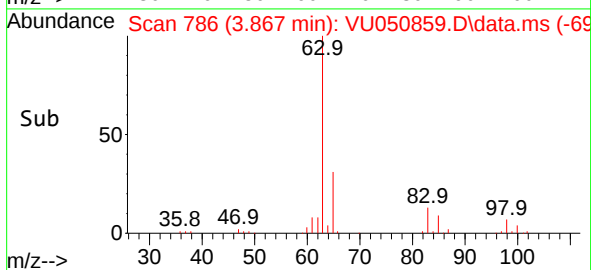
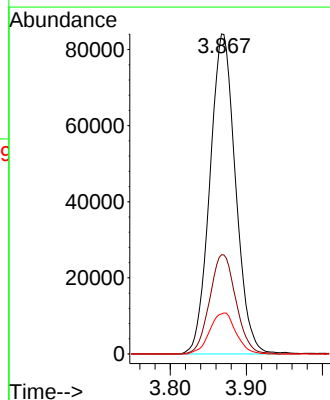
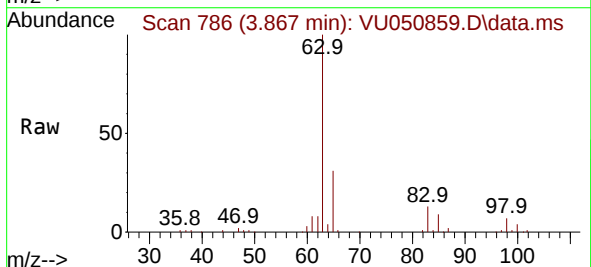
Instrument :
MSVOA_U
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EXZ36

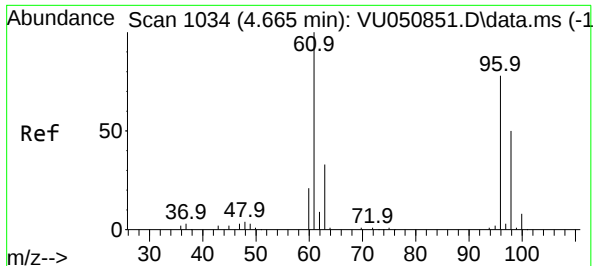
Tgt Ion: 96 Resp: 7832
Ion Ratio Lower Upper
96 100
61 128.3 98.0 182.0
98 61.5 44.3 82.3



#19
1,1-Dichloroethane
Concen: 31.891 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050859.D
Acq: 21 Sep 2022 02:38

Tgt Ion: 63 Resp: 197245
Ion Ratio Lower Upper
63 100
65 31.8 21.5 39.9
83 12.5 9.3 17.3

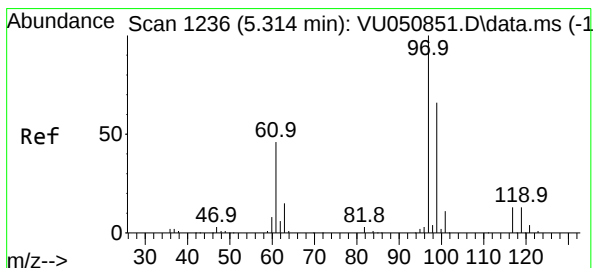
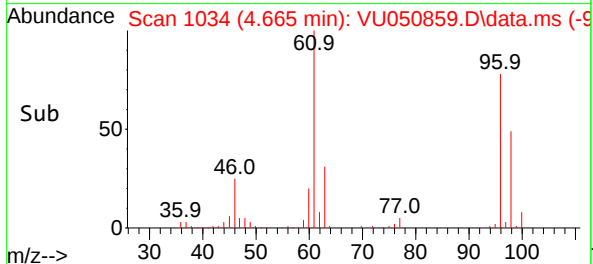
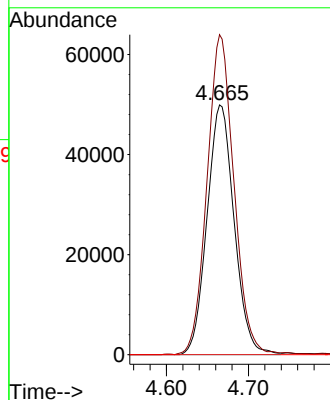
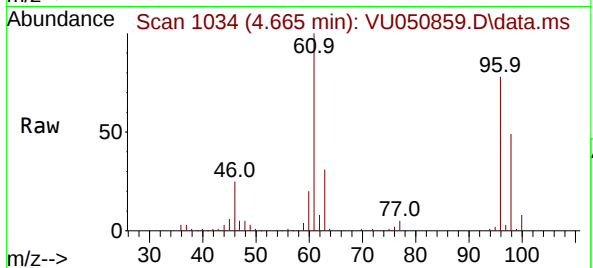




#20
 cis-1,2-Dichloroethene
 Concen: 33.763 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU050859.D
 Acq: 21 Sep 2022 02:38

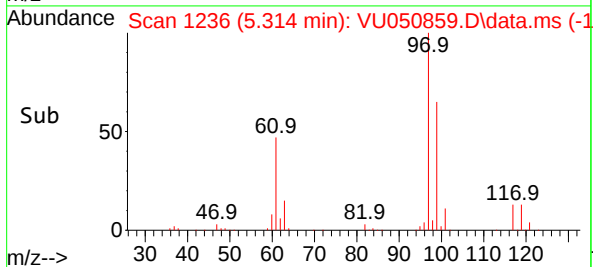
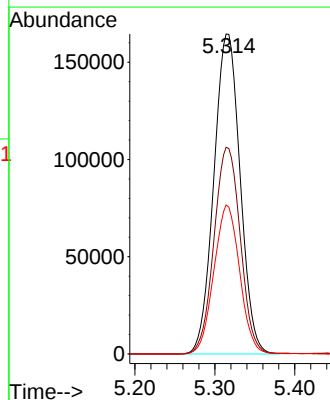
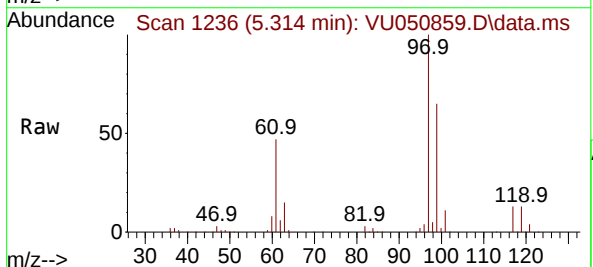
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ36

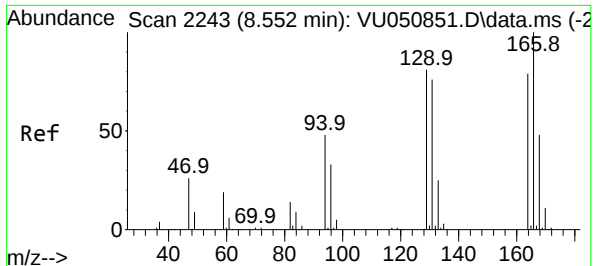
Tgt Ion: 96 Resp: 114590
 Ion Ratio Lower Upper
 96 100
 61 128.1 90.1 167.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 73.955 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.000 min
 Lab File: VU050859.D
 Acq: 21 Sep 2022 02:38

Tgt Ion: 97 Resp: 375393
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.2 78.2
 61 45.7 37.1 55.7





#46
 Tetrachloroethene
 Concen: 6.225 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU050859.D
 Acq: 21 Sep 2022 02:38

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ36

Tgt Ion:164 Resp: 14590

Ion	Ratio	Lower	Upper
164	100		
129	104.3	68.5	127.3
131	103.3	66.1	122.7
166	132.1	88.8	164.8

