

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052336.D
 Acq On : 10 Dec 2022 05:10
 Operator : JC/MD
 Sample : N5930-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA8

Quant Time: Dec 10 05:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

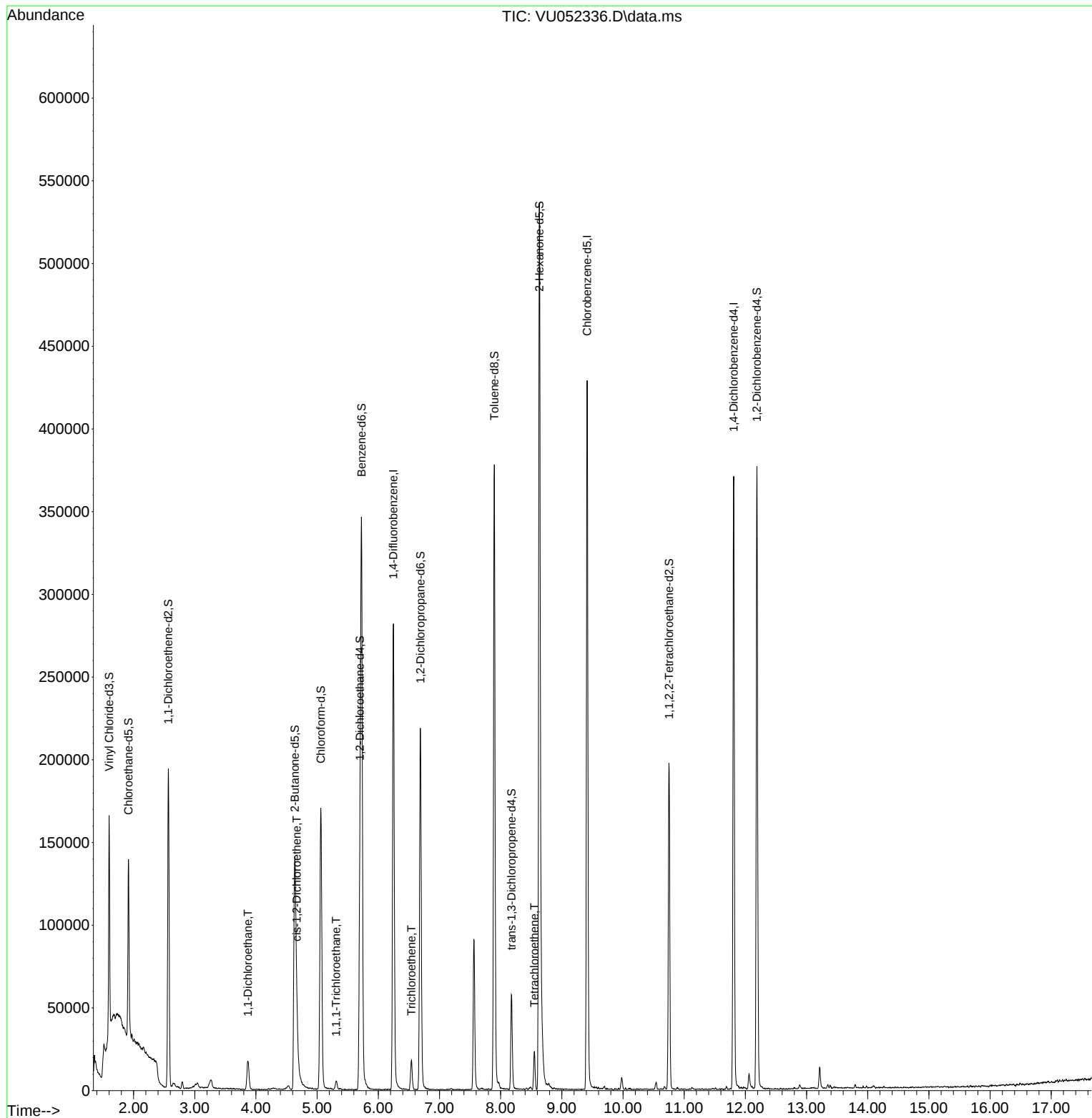
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	235353	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	246975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	95372	4.166	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.916	69	80790	4.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.568	65	36853	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.636	46	258624	62.325	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.640%
24) Chloroform-d	5.060	84	164841	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.700	65	90094	5.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.726	84	335445	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	111267	4.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.896	98	263350	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.176	79	35440	4.286	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.632	63	184002	52.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103220	5.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	105517	5.310	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.867	63	21325	0.647	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	4658	0.243	ug/L	94
29) 1,1,1-Trichloroethane	5.311	97	3717	0.136	ug/L	96
34) Trichloroethene	6.543	95	6144	0.306	ug/L	97
47) Tetrachloroethene	8.552	164	5365	0.349	ug/L	97

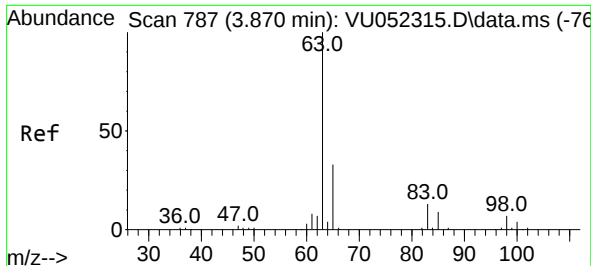
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.647 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU052336.D

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Instrument :

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ClientSampleId :

EXZA8

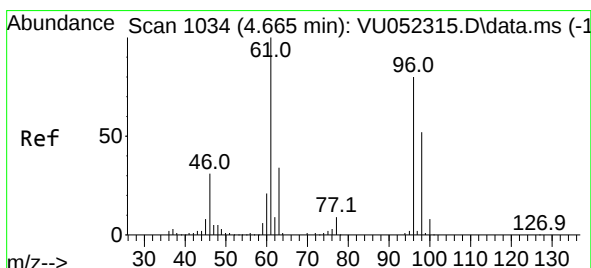
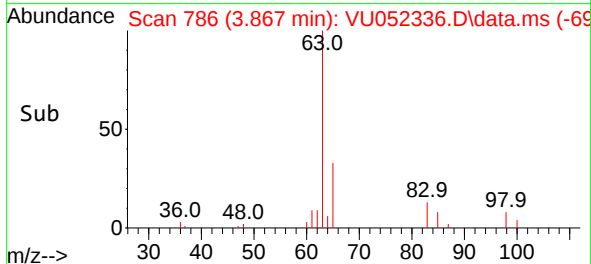
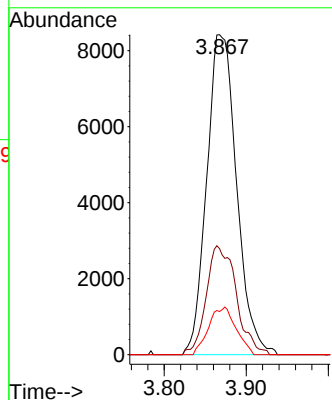
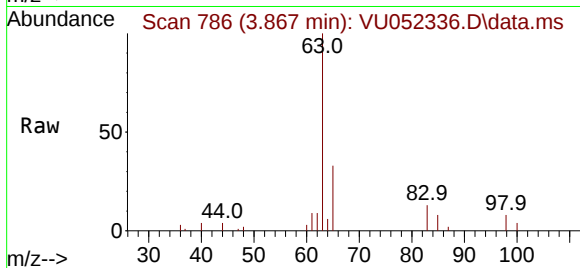
Tgt Ion: 63 Resp: 21325

Ion Ratio Lower Upper

63 100

65 33.2 22.2 41.2

83 13.5 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 0.243 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU052336.D

Acq: 10 Dec 2022 05:10

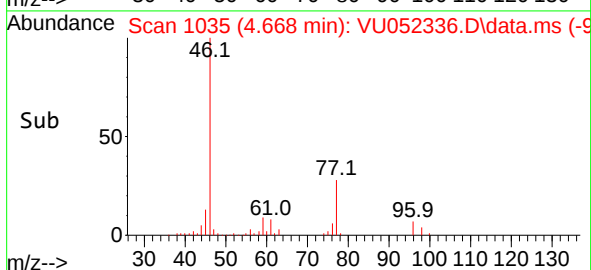
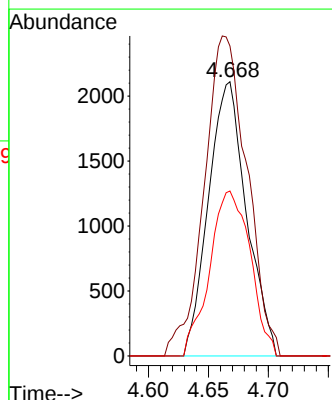
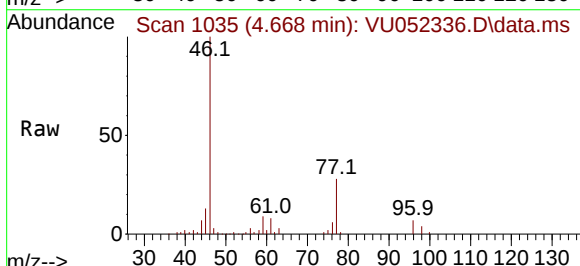
Tgt Ion: 96 Resp: 4658

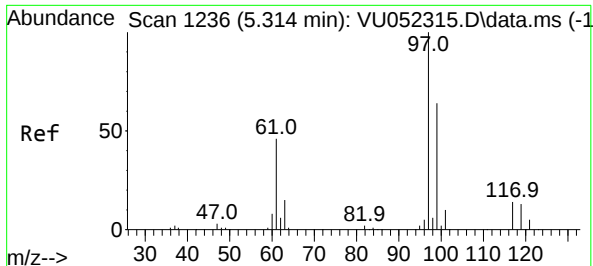
Ion Ratio Lower Upper

96 100

61 113.0 85.1 158.1

98 60.2 42.8 79.6





#29

1,1,1-Trichloroethane

Concen: 0.136 ug/L

RT: 5.311 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU052336.D

Acq: 10 Dec 2022 05:10

Instrument :

MSVOA_U

ClientSampleId :

EXZA8

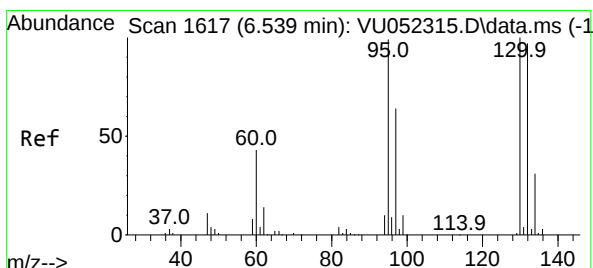
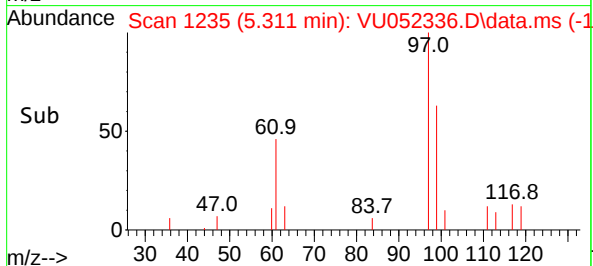
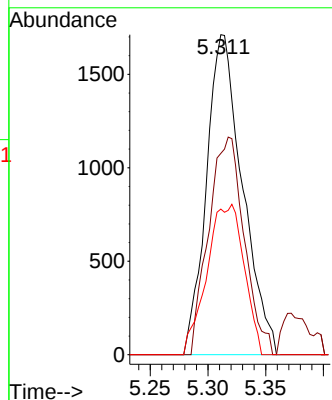
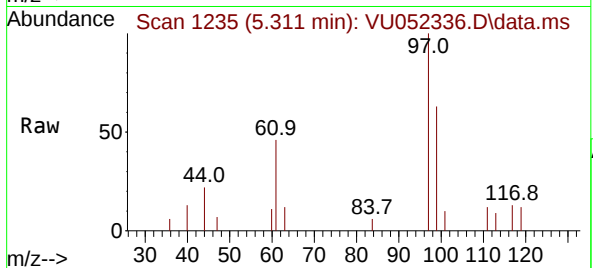
Tgt Ion: 97 Resp: 3717

Ion Ratio Lower Upper

97 100

99 67.0 51.0 76.6

61 48.4 36.9 55.3



#34

Trichloroethene

Concen: 0.306 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU052336.D

Acq: 10 Dec 2022 05:10

Tgt Ion: 95 Resp: 6144

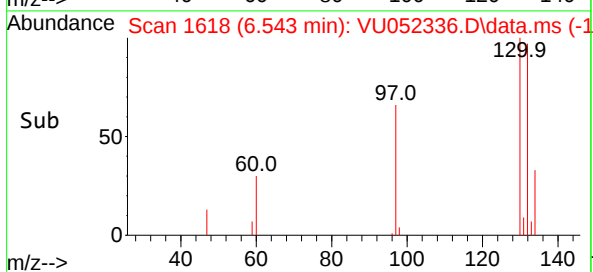
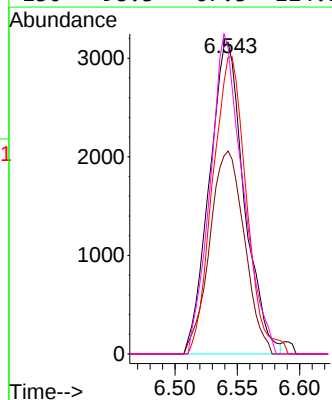
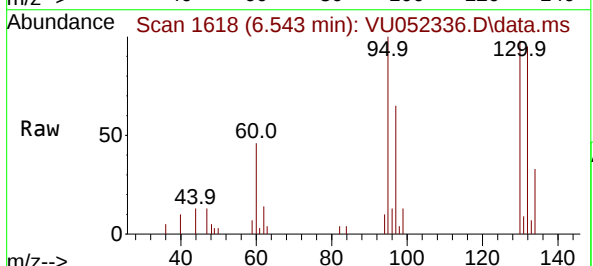
Ion Ratio Lower Upper

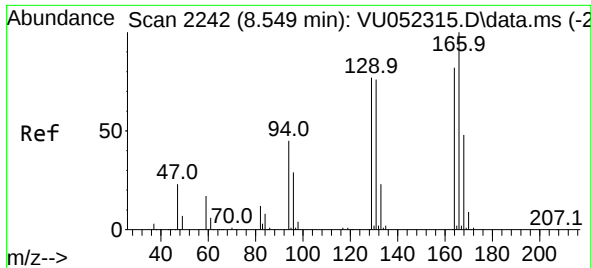
95 100

97 65.1 43.7 81.1

132 95.2 64.3 119.3

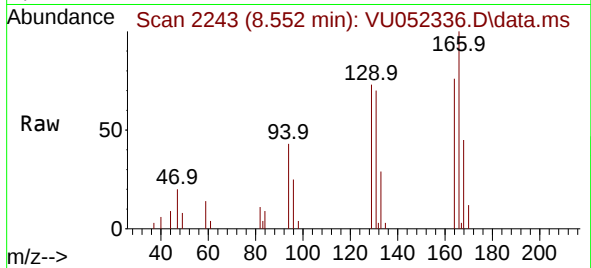
130 98.3 67.3 124.9





#47
 Tetrachloroethene
 Concen: 0.349 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU052336.D
 Acq: 10 Dec 2022 05:10

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA8



Tgt Ion:	164	Resp:	5365
Ion	Ratio	Lower	Upper
164	100		
129	96.9	67.4	125.2
131	92.3	67.1	124.7
166	132.3	89.7	166.5

