

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056554.D
 Acq On : 21 Nov 2023 16:21
 Operator : MD/SY
 Sample : 05441-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF9

Quant Time: Nov 21 23:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 23:30:53 2023
 Response via : Initial Calibration

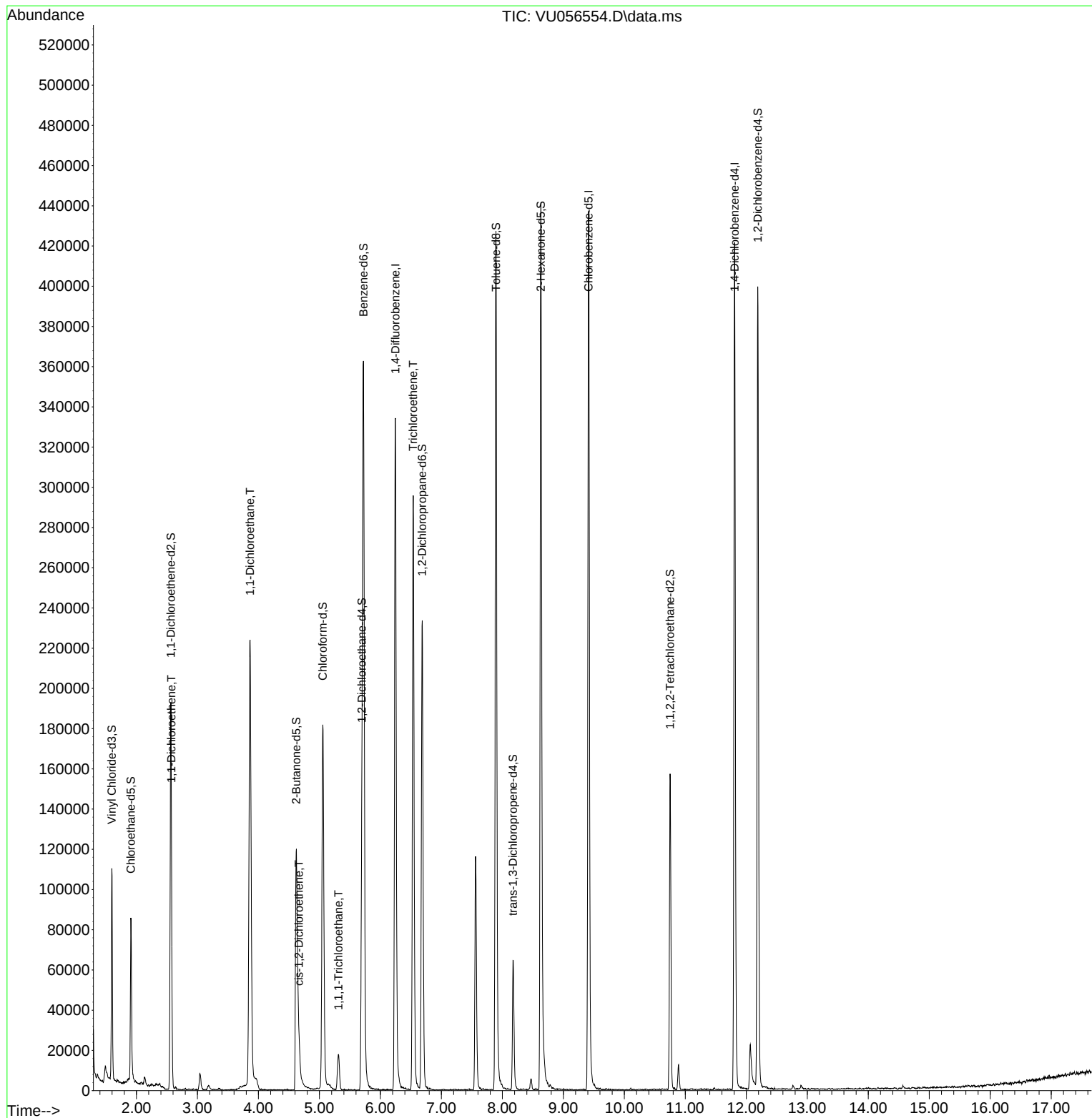
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	276768	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	264206	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	113835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	76518	3.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.908	69	58553	3.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.563	65	36660	4.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.621	46	190006	46.030	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.060%
24) Chloroform-d	5.055	84	174160	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	91885	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.721	84	352093	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.685	67	113991	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	302459	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.174	79	39795	4.374	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.631	63	155905	43.601	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.200%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	79634	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	103746	4.933	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	2802	0.165	ug/L	# 1
19) 1,1-Dichloroethane	3.862	63	261045	7.560	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	4318	0.218	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	13674	0.451	ug/L	98
34) Trichloroethene	6.538	95	106412	5.181	ug/L	99

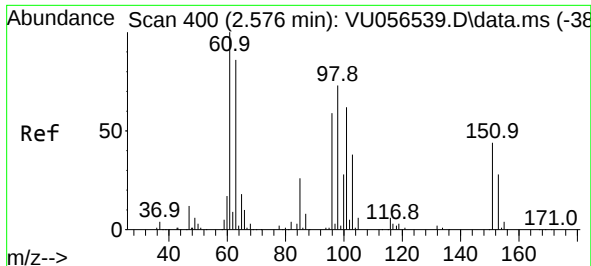
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.165 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

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Instrument :

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C0QF9

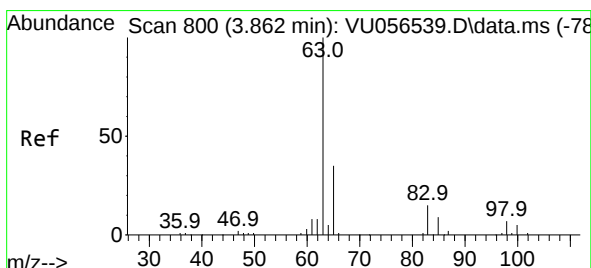
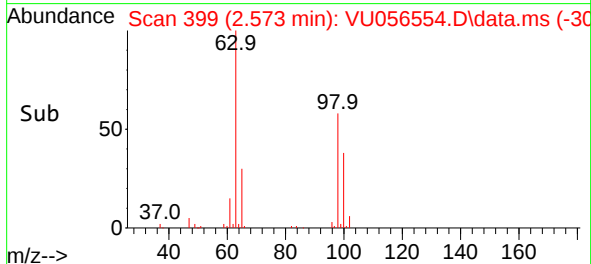
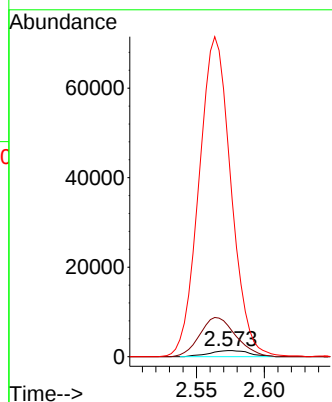
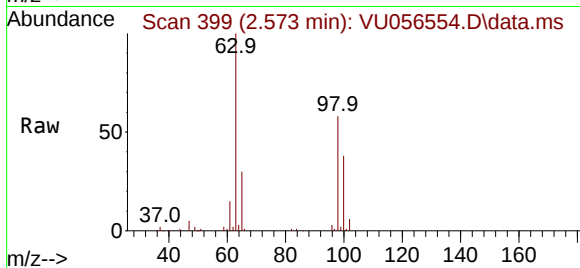
Tgt Ion: 96 Resp: 2802

Ion Ratio Lower Upper

96 100

61 369.8 123.1 228.7#

63 2521.1 93.3 173.3#



#19

1,1-Dichloroethane

Concen: 7.560 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU056554.D

Acq: 21 Nov 2023 16:21

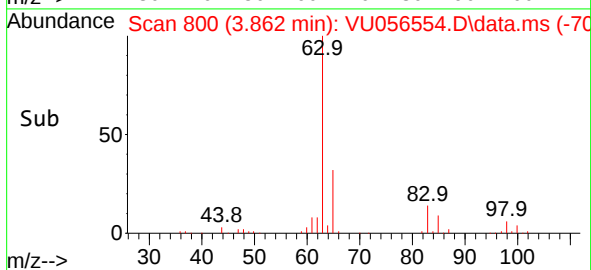
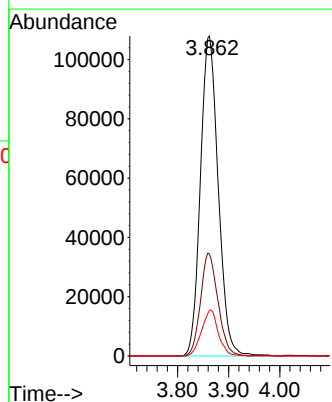
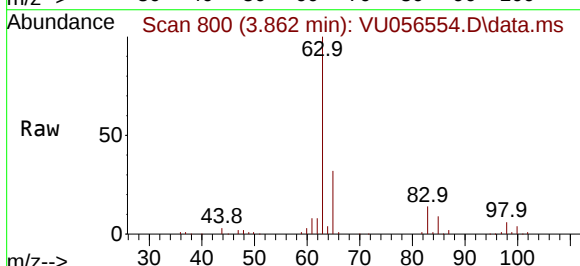
Tgt Ion: 63 Resp: 261045

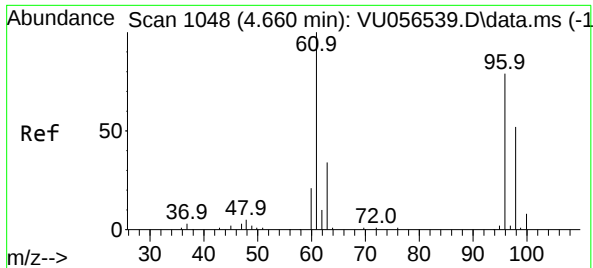
Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 14.2 9.7 17.9

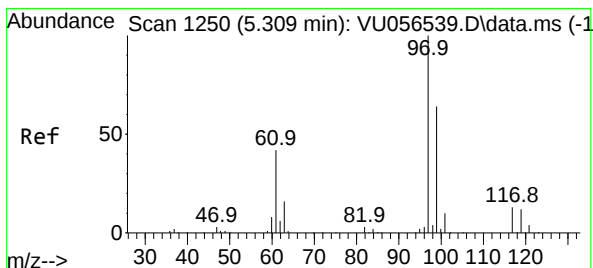
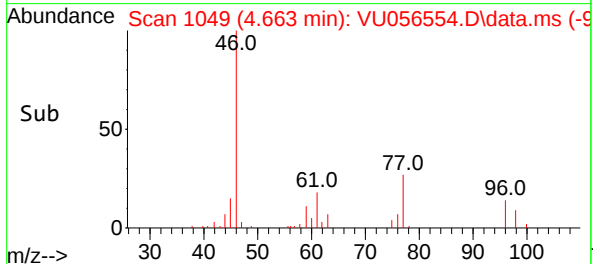
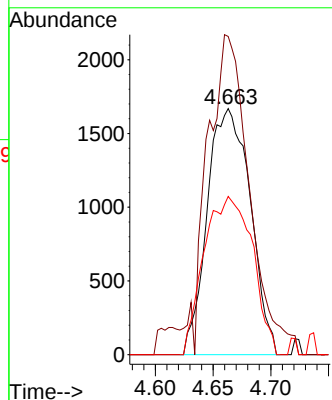
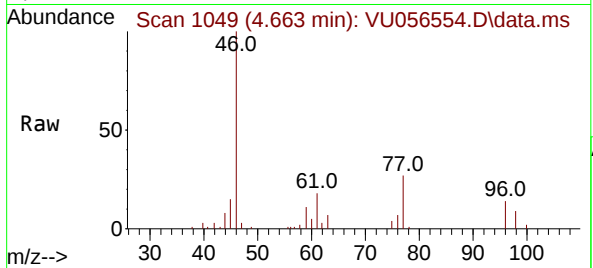




#22
 cis-1,2-Dichloroethene
 Concen: 0.218 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU056554.D
 Acq: 21 Nov 2023 16:21

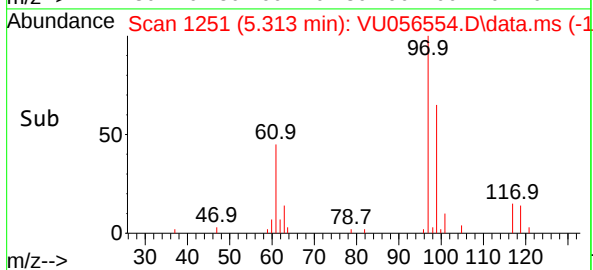
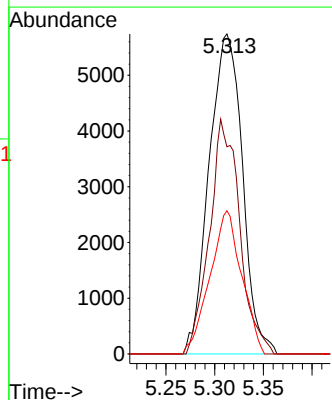
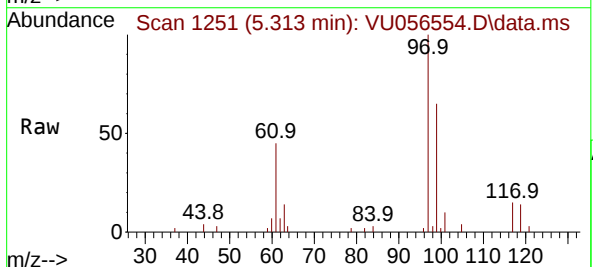
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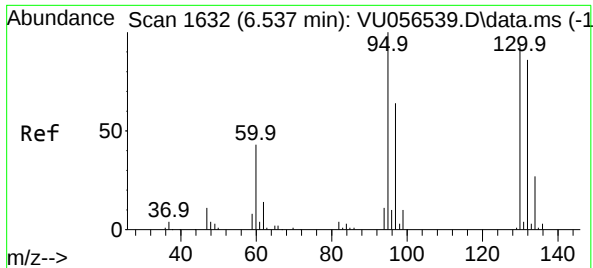
Tgt Ion: 96 Resp: 4318
 Ion Ratio Lower Upper
 96 100
 61 129.3 93.2 173.2
 98 64.3 44.8 83.2



#29
 1,1,1-Trichloroethane
 Concen: 0.451 ug/L
 RT: 5.313 min Scan# 1251
 Delta R.T. 0.003 min
 Lab File: VU056554.D
 Acq: 21 Nov 2023 16:21

Tgt Ion: 97 Resp: 13674
 Ion Ratio Lower Upper
 97 100
 99 66.2 51.6 77.4
 61 42.6 34.3 51.5





#34
 Trichloroethene
 Concen: 5.181 ug/L
 RT: 6.538 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU056554.D
 Acq: 21 Nov 2023 16:21

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF9

Tgt Ion: 95 Resp: 106412

Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.3
132	89.2	62.0	115.2
130	94.0	66.3	123.1

