

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056446.D
 Acq On : 17 Nov 2023 16:54
 Operator : MD/SY
 Sample : 05441-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF1

Quant Time: Nov 17 23:23:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 23:14:39 2023
 Response via : Initial Calibration

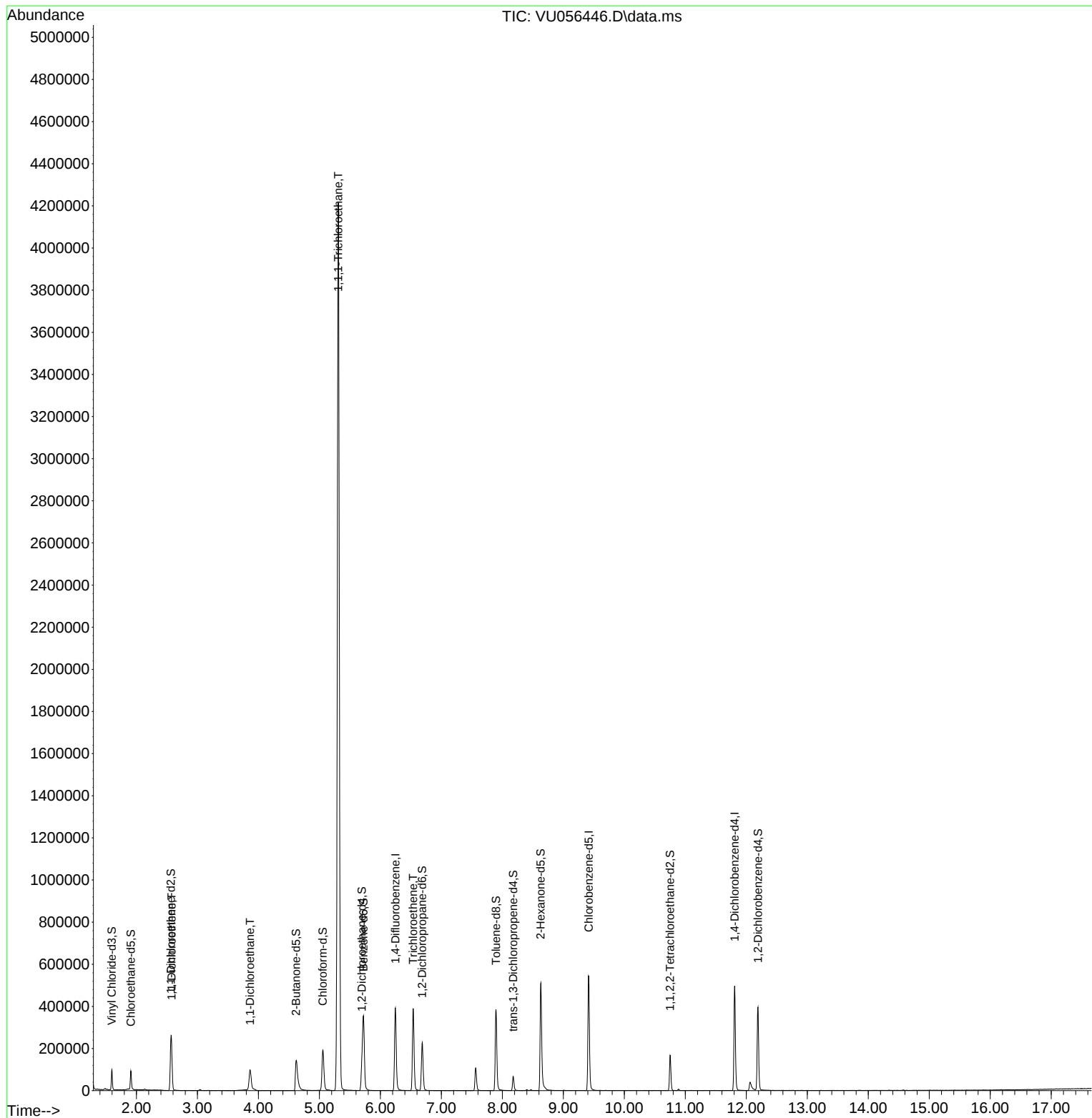
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	320467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	318343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68043	2.839	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.908	69	64379	3.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.563	65	34127	3.226	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	4.618	46	235627	49.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.600%
24) Chloroform-d	5.055	84	185673	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.695	65	94344	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.721	84	339712	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	6.685	67	109878	3.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.894	98	268925	3.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.200%#
43) trans-1,3-Dichloroprop...	8.177	79	40797	3.721	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.627	63	178488	41.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	84467	4.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	105903	4.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	49295	2.513	ug/L	94
19) 1,1-Dichloroethane	3.862	63	109708	2.744	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	3147860	86.144	ug/L	99
34) Trichloroethene	6.538	95	137716	5.565	ug/L	97

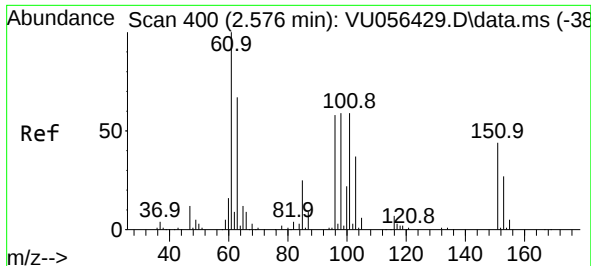
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.513 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

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Instrument :

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ClientSampleId :

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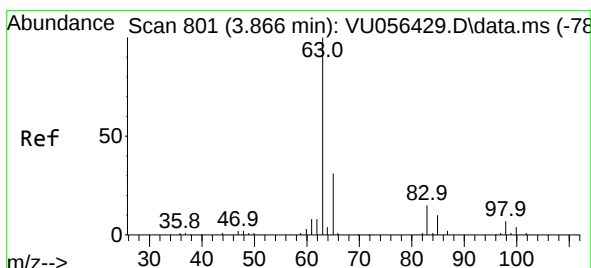
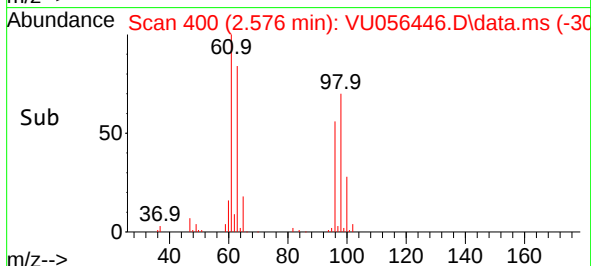
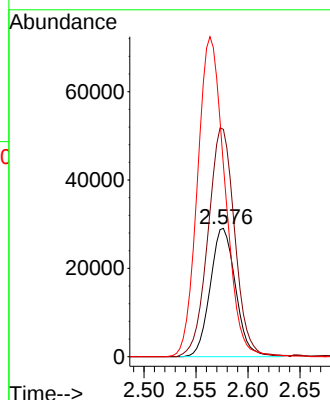
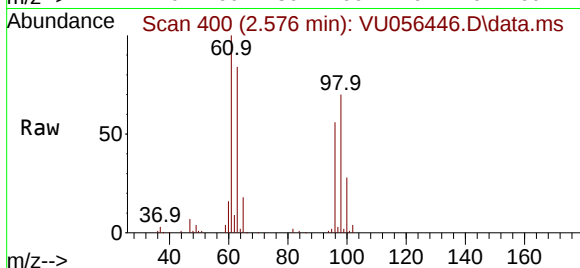
Tgt Ion: 96 Resp: 49295

Ion Ratio Lower Upper

96 100

61 177.3 123.1 228.7

63 149.3 93.3 173.3



#19

1,1-Dichloroethane

Concen: 2.744 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.003 min

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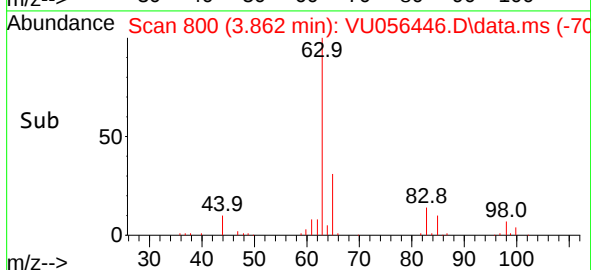
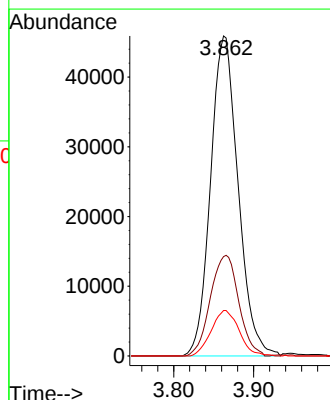
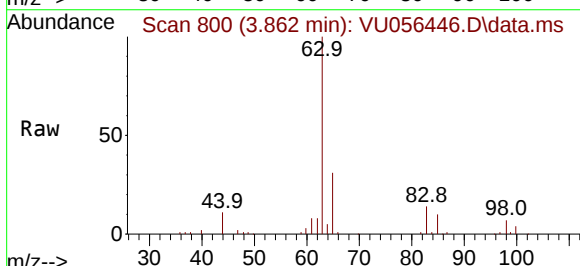
Tgt Ion: 63 Resp: 109708

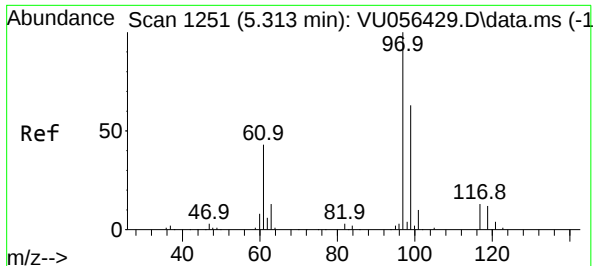
Ion Ratio Lower Upper

63 100

65 31.0 21.8 40.6

83 14.2 9.7 17.9

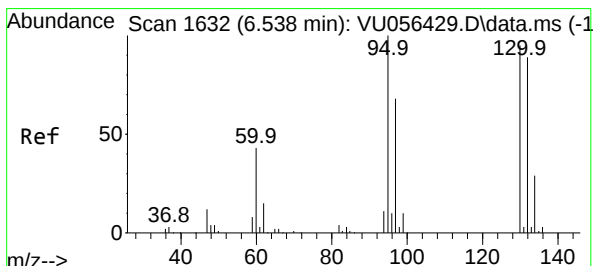
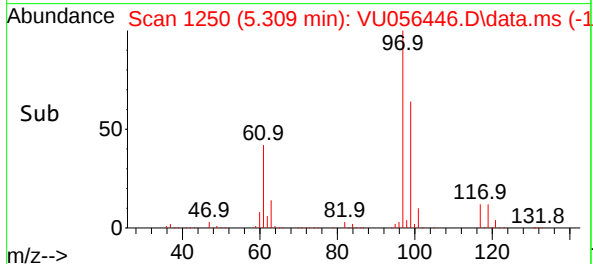
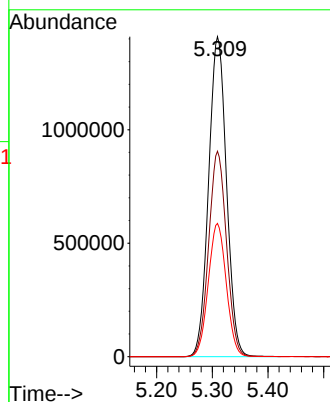
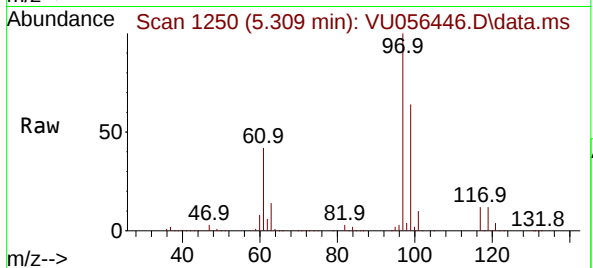




#29
1,1,1-Trichloroethane
Concen: 86.144 ug/L
RT: 5.309 min Scan# 1251
Delta R.T. -0.003 min
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Tgt Ion: 97 Resp: 3147860
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 41.9 34.3 51.5



#34
Trichloroethene
Concen: 5.565 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056446.D
Acq: 17 Nov 2023 16:54

Tgt Ion: 95 Resp: 137716
Ion Ratio Lower Upper
95 100
97 63.6 46.5 86.3
132 91.3 62.0 115.2
130 96.2 66.3 123.1

