

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056565.D
 Acq On : 21 Nov 2023 21:36
 Operator : MD/SY
 Sample : 05441-15DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK5DL

Quant Time: Nov 22 00:59:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

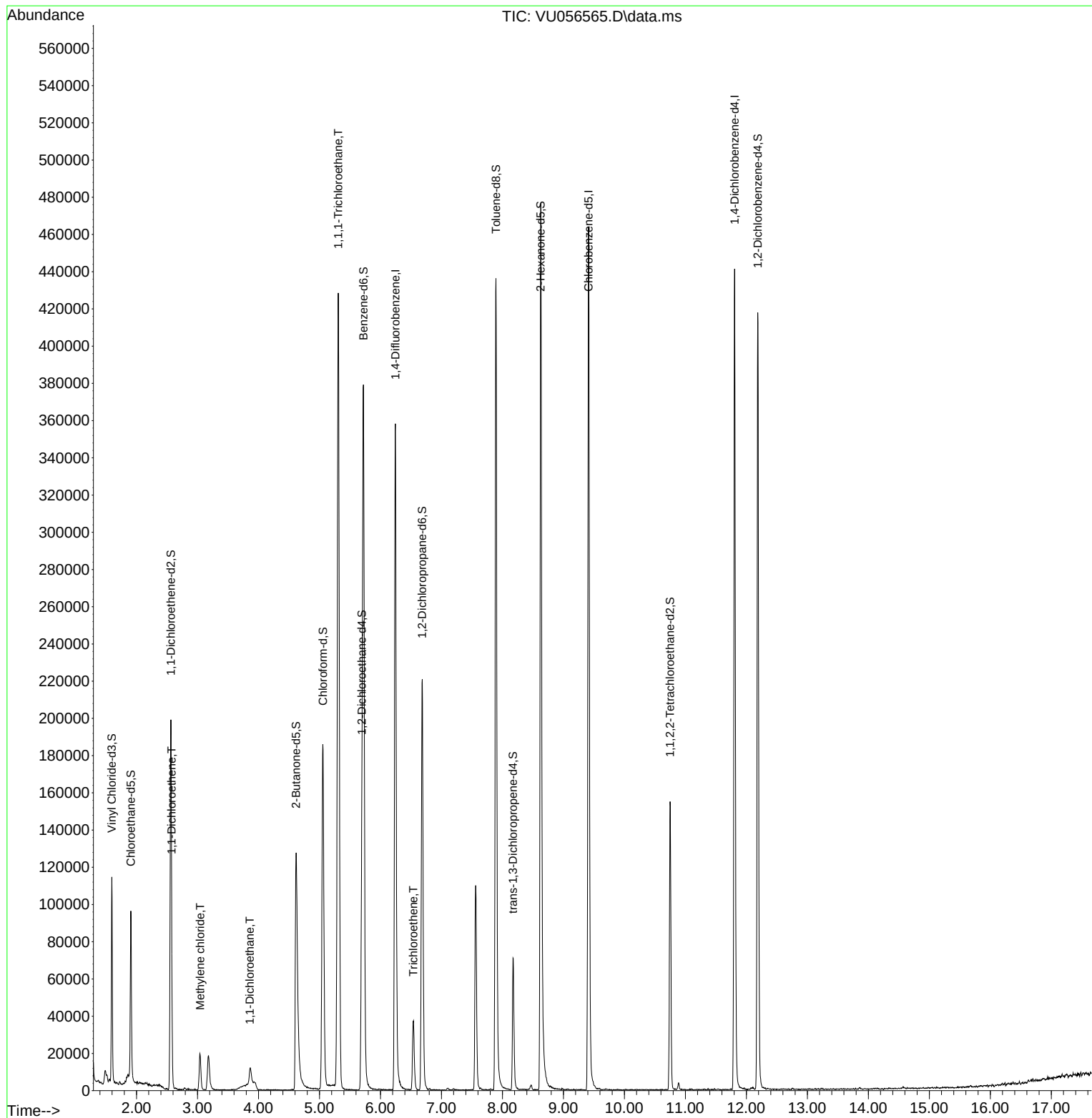
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	294310	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	277495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	75517	3.430	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.907	69	67116	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.563	65	37308	3.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.618	46	195705	44.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.160%
24) Chloroform-d	5.058	84	178361	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.695	65	93719	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	364828	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	110476	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.894	98	311217	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.174	79	43303	4.531	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	165996	44.200	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	79579	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	110887	5.082	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	6079	0.337	ug/L	# 1
16) Methylene chloride	3.042	84	10213	0.428	ug/L	89
19) 1,1-Dichloroethane	3.859	63	10444	0.284	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	320319	10.056	ug/L	99
34) Trichloroethene	6.541	95	14169	0.657	ug/L	94

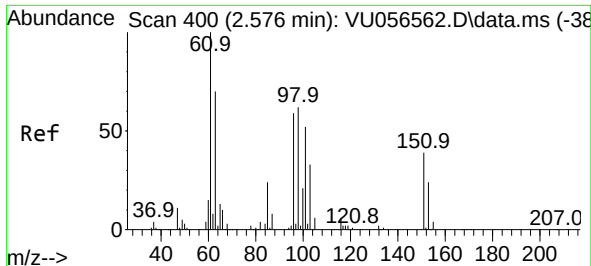
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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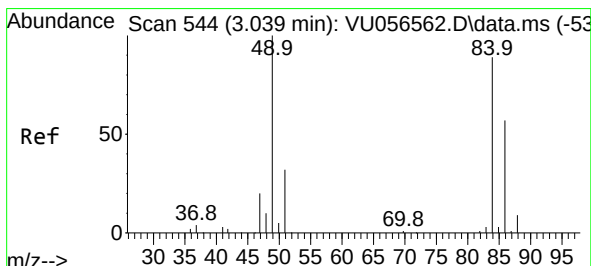
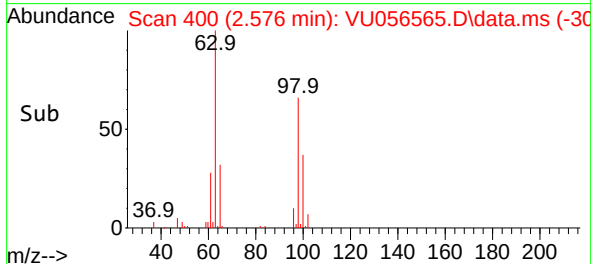
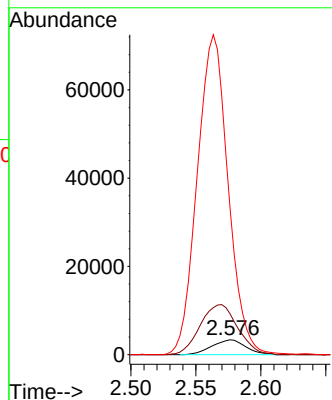
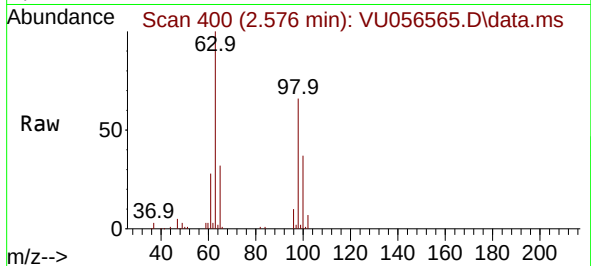




#12
1,1-Dichloroethene
Concen: 0.337 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056565.D
Acq: 21 Nov 2023 21:36

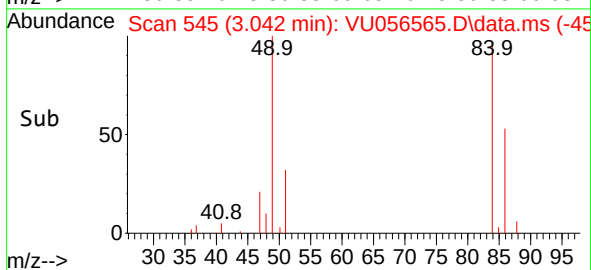
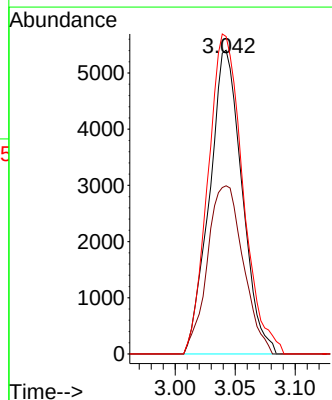
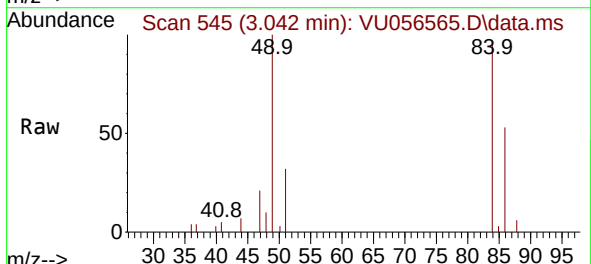
Instrument :
MSVOA_U
ClientSampleId :
C0QK5DL

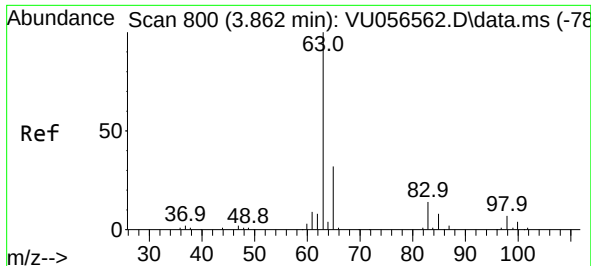
Tgt Ion: 96 Resp: 6079
Ion Ratio Lower Upper
96 100
61 273.9 123.1 228.7#
63 980.1 93.3 173.3#



#16
Methylene chloride
Concen: 0.428 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056565.D
Acq: 21 Nov 2023 21:36

Tgt Ion: 84 Resp: 10213
Ion Ratio Lower Upper
84 100
86 55.4 44.7 83.1
49 104.6 81.8 152.0





#19

1,1-Dichloroethane

Concen: 0.284 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU056565.D

Acq: 21 Nov 2023 21:36

Instrument :

MSVOA_U

ClientSampleId :

C0QK5DL

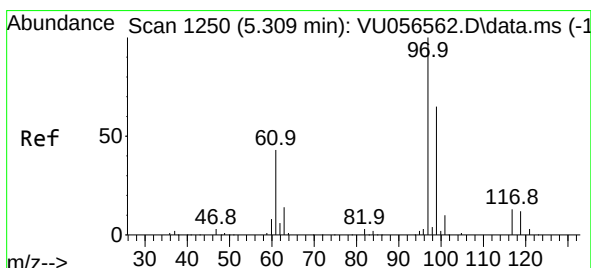
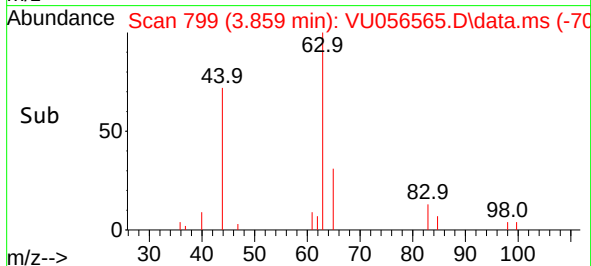
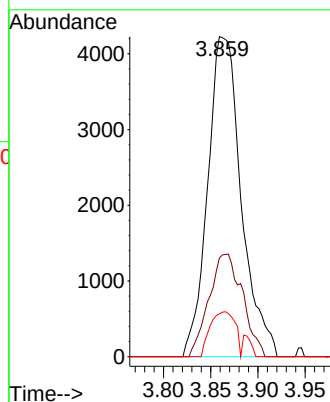
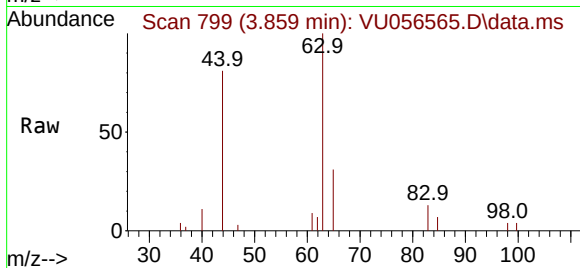
Tgt Ion: 63 Resp: 10444

Ion Ratio Lower Upper

63 100

65 30.9 21.8 40.6

83 13.4 9.7 17.9



#29

1,1,1-Trichloroethane

Concen: 10.056 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU056565.D

Acq: 21 Nov 2023 21:36

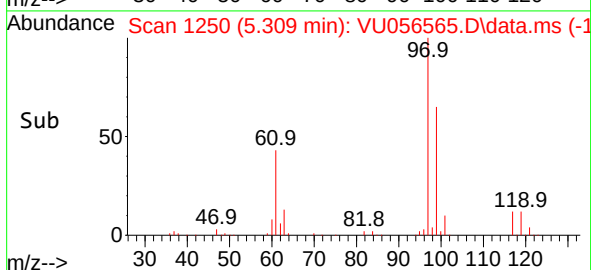
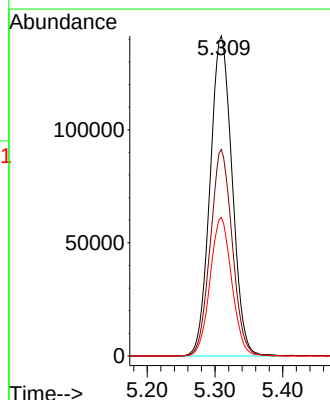
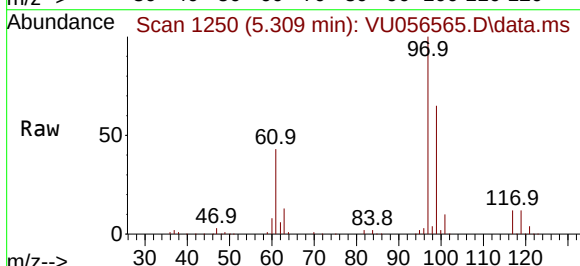
Tgt Ion: 97 Resp: 320319

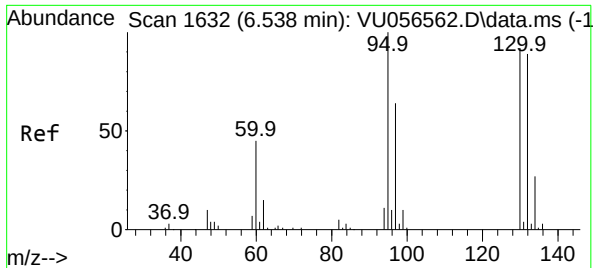
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 42.5 34.3 51.5





#34
 Trichloroethene
 Concen: 0.657 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU056565.D
 Acq: 21 Nov 2023 21:36

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK5DL

Tgt Ion: 95 Resp: 14169

Ion	Ratio	Lower	Upper
95	100		
97	57.5	46.5	86.3
132	83.5	62.0	115.2
130	91.4	66.3	123.1

