

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058608.D
 Acq On : 11 Apr 2024 15:13
 Operator : MD/SY
 Sample : P2013-10DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:27:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

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

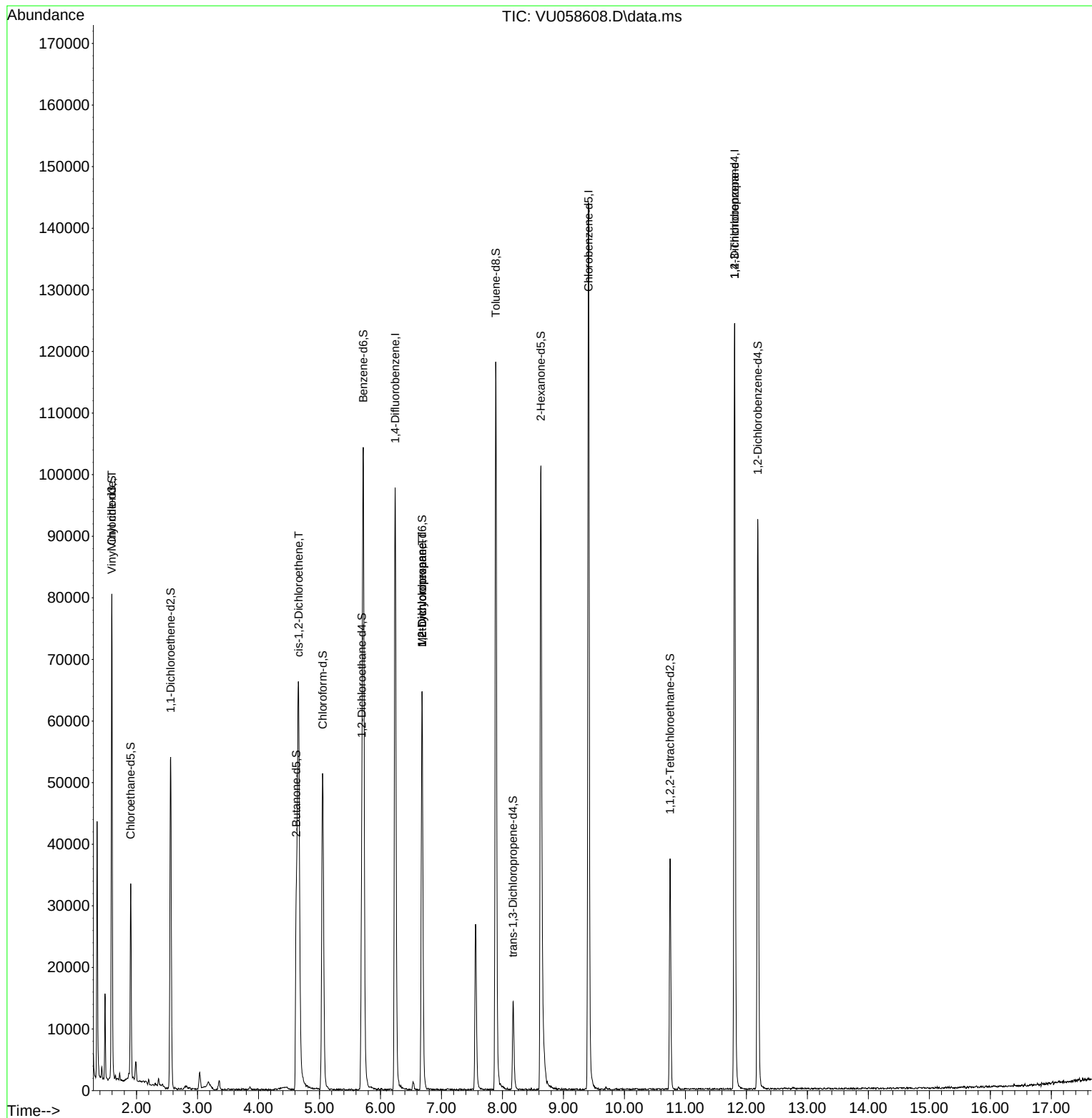
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76470	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22869	4.517	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.904	69	21292	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.560	65	10748	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.621	46	49425	46.324	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.640%
24) Chloroform-d	5.052	84	48548	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.695	65	23665	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.717	84	94657	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.682	67	30191	4.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	77986	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.174	79	8536	4.282	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.631	63	34914	42.462	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19760	4.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	23738	4.436	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.595	62	31671	4.065	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	29545	4.632	ug/L	94
35) Methylcyclohexane	6.682	83	6297	0.601	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3409	0.470	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4605	1.421	ug/L #	69

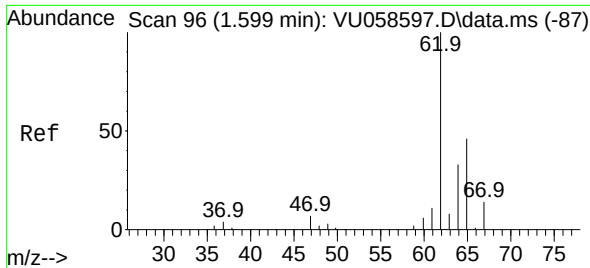
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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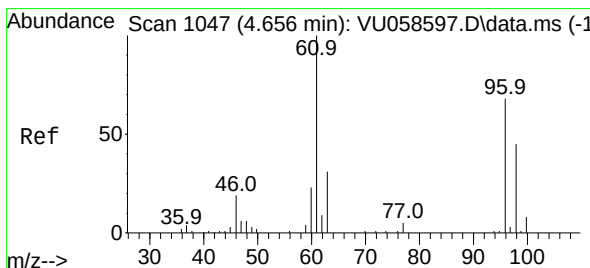
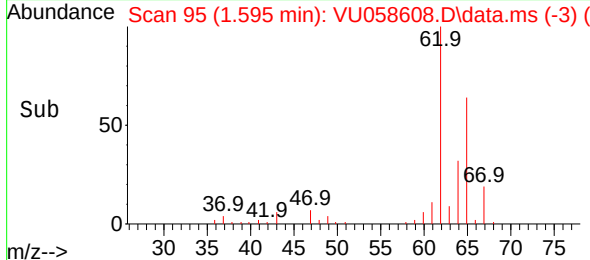
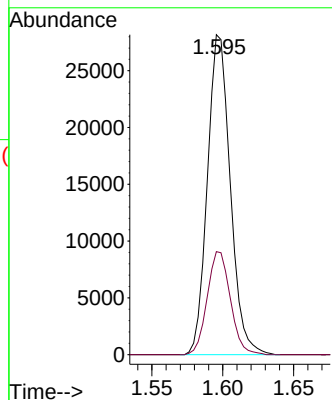
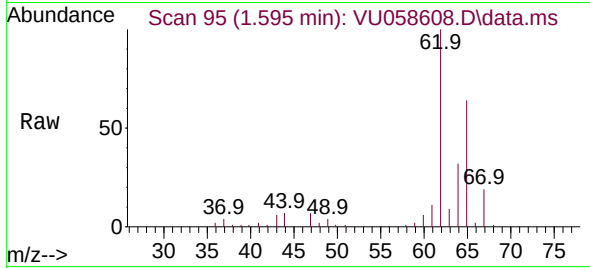




#5
 Vinyl chloride
 Concen: 4.065 ug/L
 RT: 1.595 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VU058608.D
 Acq: 11 Apr 2024 15:13

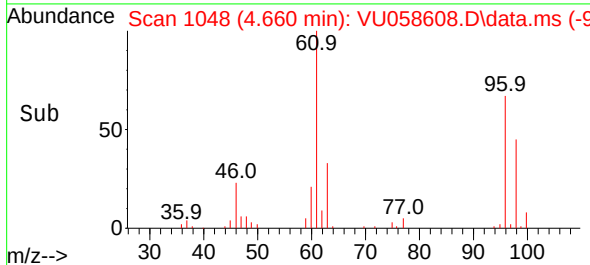
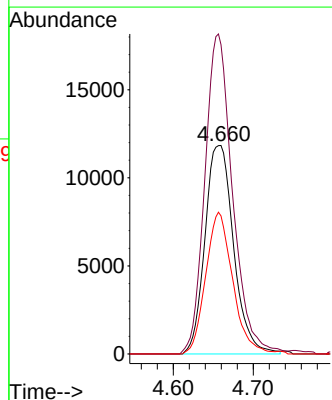
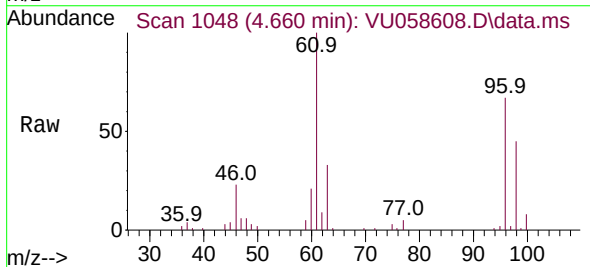
Instrument :
 MSVOA_U
 ClientSampleId :

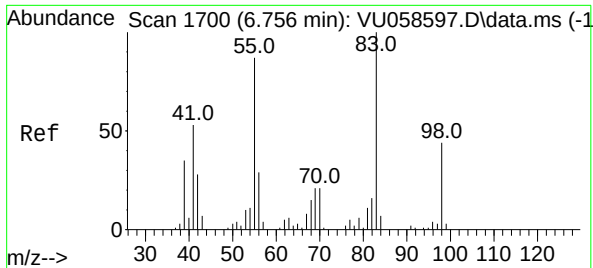
Tgt Ion: 62 Resp: 31671
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.6 42.0



#22
 cis-1,2-Dichloroethene
 Concen: 4.632 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU058608.D
 Acq: 11 Apr 2024 15:13

Tgt Ion: 96 Resp: 29545
 Ion Ratio Lower Upper
 96 100
 61 148.3 98.1 182.3
 98 66.2 43.6 81.0





#35

Methylcyclohexane

Concen: 0.601 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058608.D

Acq: 11 Apr 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

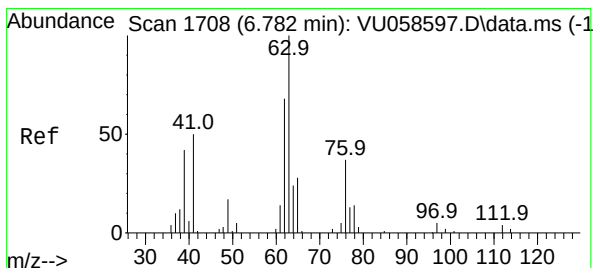
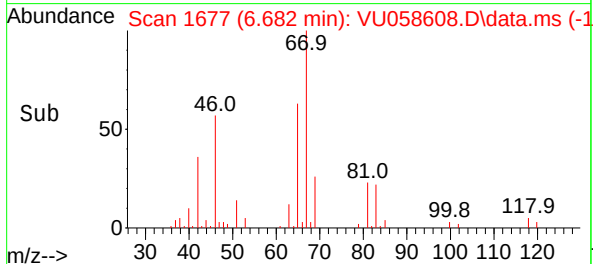
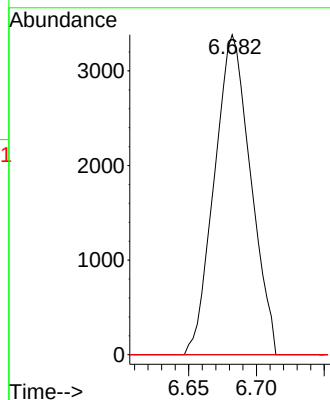
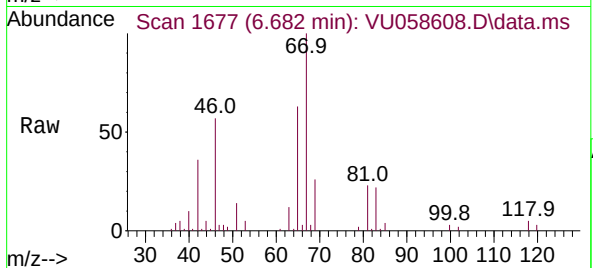
Tgt Ion: 83 Resp: 6297

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.470 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058608.D

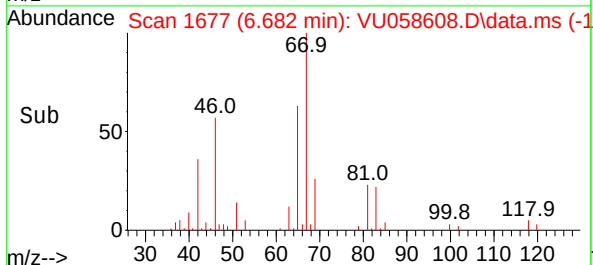
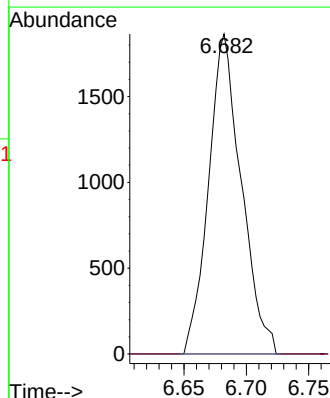
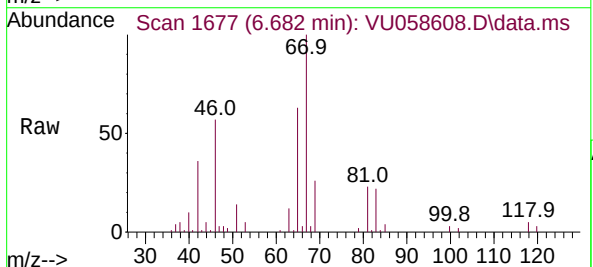
Acq: 11 Apr 2024 15:13

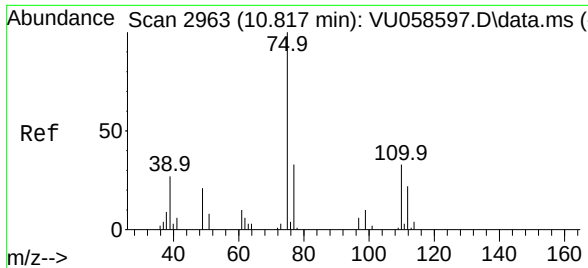
Tgt Ion: 63 Resp: 3409

Ion Ratio Lower Upper

63 100

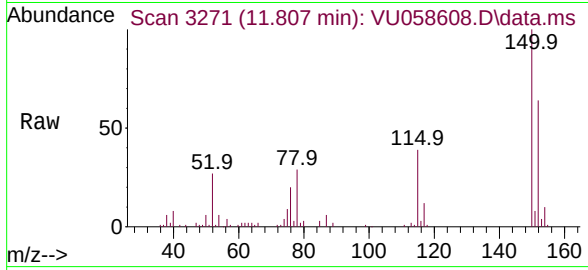
112 0.0 2.6 4.0#





#61
1,2,3-Trichloropropane
Concen: 1.421 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058608.D
Acq: 11 Apr 2024 15:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4605
Ion Ratio Lower Upper
75 100
110 0.4 25.8 38.6#
77 33.5 25.1 37.7

