

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058499.D
 Acq On : 09 Apr 2024 03:36
 Operator : MD/SY
 Sample : P2013-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:54:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

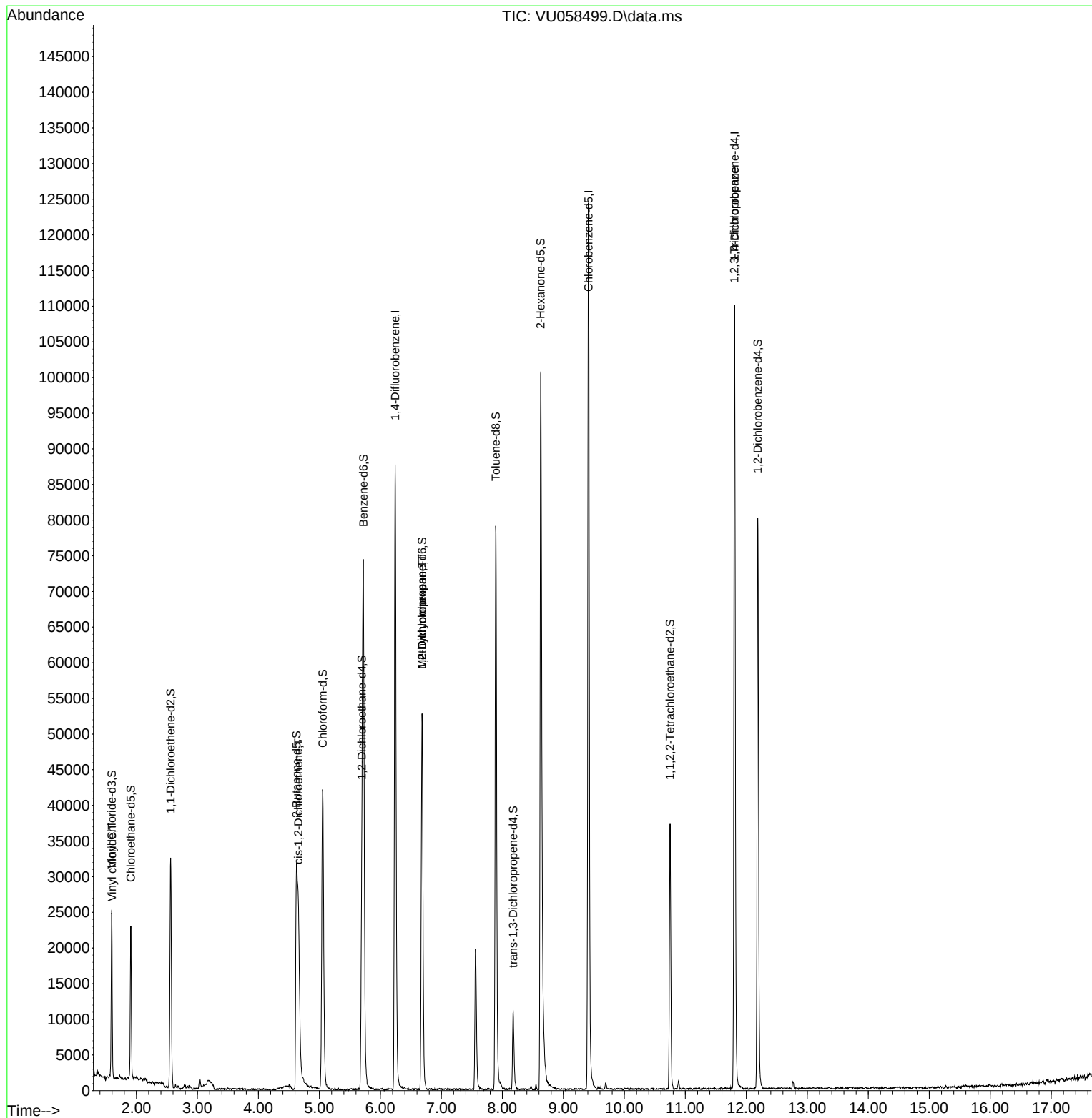
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68282	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	28716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	13417	2.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.908	69	14183	3.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.560	65	6451	3.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	4.625	46	54053	56.737	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.480%
24) Chloroform-d	5.055	84	40360	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	19848	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.721	84	67562	3.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
36) 1,2-Dichloropropane-d6	6.682	67	25444	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.891	98	54176	3.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	8.177	79	6768	3.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.628	63	34969	47.835	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18667	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	21211	4.386	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	2720	0.391	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	7959	1.397	ug/L	99
35) Methylcyclohexane	6.682	83	5353	0.575	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2911	0.451	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4181	1.427	ug/L #	70

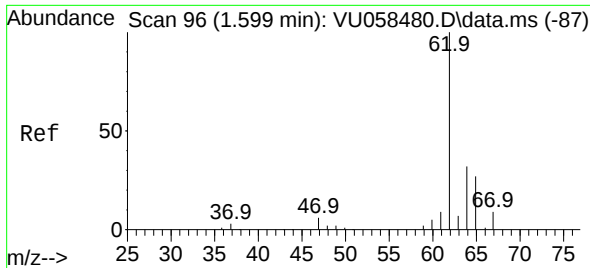
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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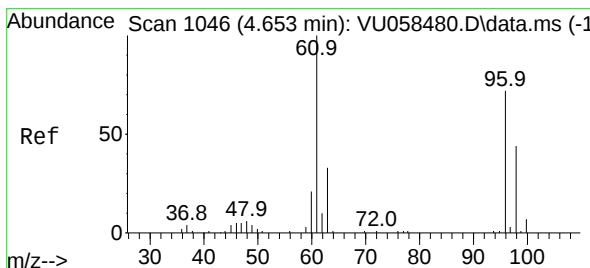
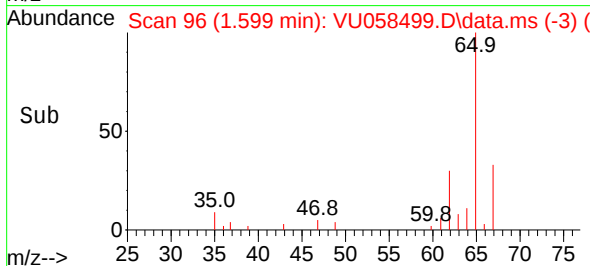
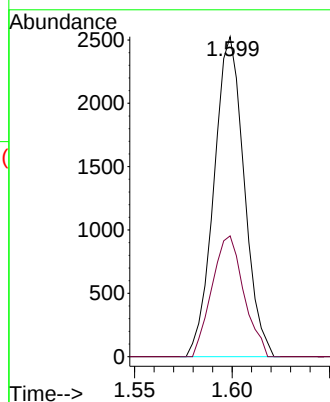
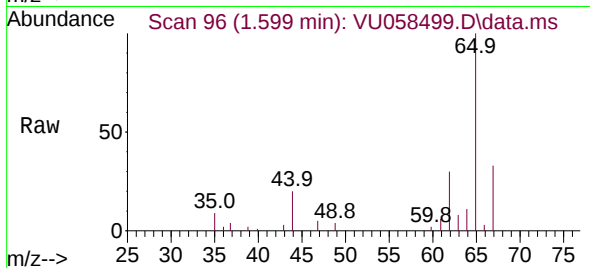




#5
 Vinyl chloride
 Concen: 0.391 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU058499.D
 Acq: 09 Apr 2024 03:36

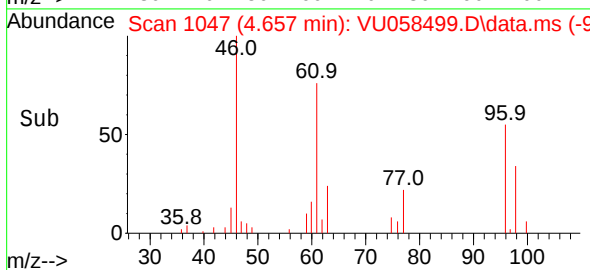
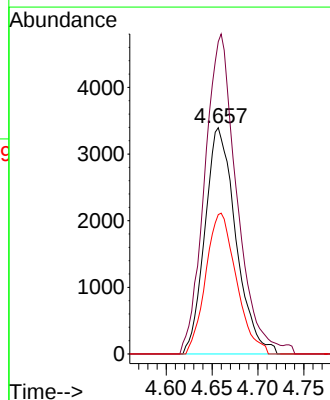
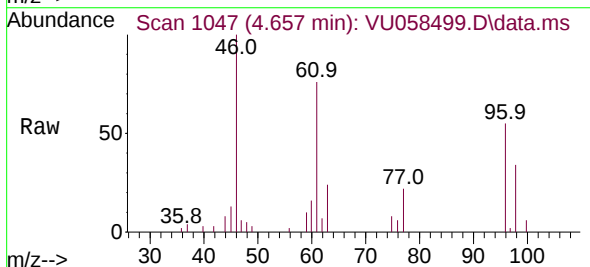
Instrument :
 MSVOA_U
 ClientSampleId :

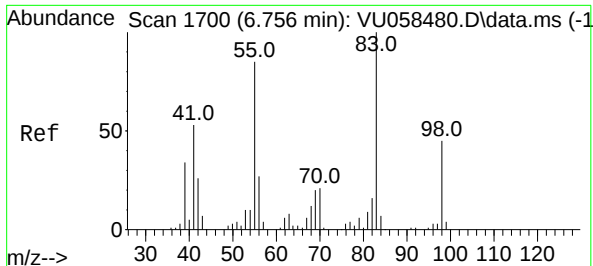
Tgt Ion: 62 Resp: 2720
 Ion Ratio Lower Upper
 62 100
 64 37.7 22.6 42.0



#22
 cis-1,2-Dichloroethene
 Concen: 1.397 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU058499.D
 Acq: 09 Apr 2024 03:36

Tgt Ion: 96 Resp: 7959
 Ion Ratio Lower Upper
 96 100
 61 138.1 98.1 182.3
 98 61.6 43.6 81.0





#35

Methylcyclohexane

Concen: 0.575 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058499.D

Acq: 09 Apr 2024 03:36

Instrument :

MSVOA_U

ClientSampleId :

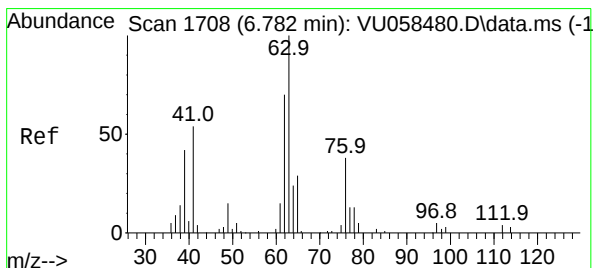
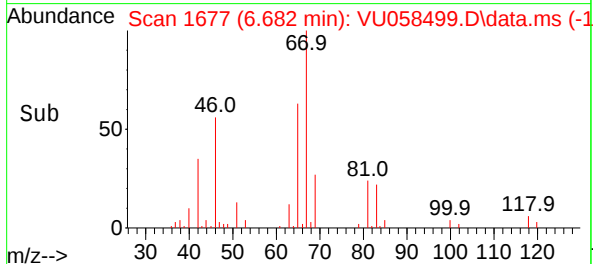
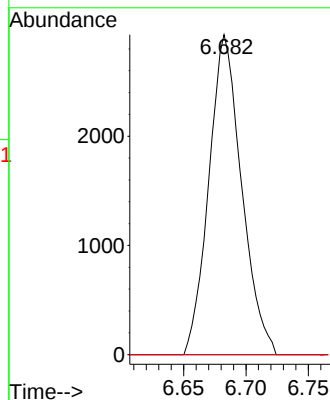
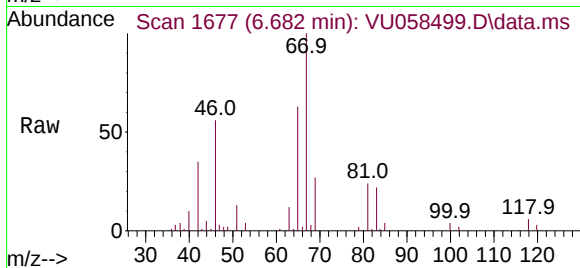
Tgt Ion: 83 Resp: 5353

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: 0.451 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058499.D

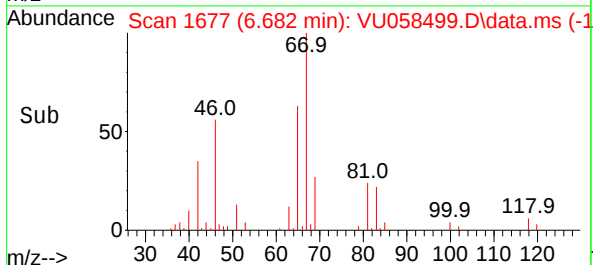
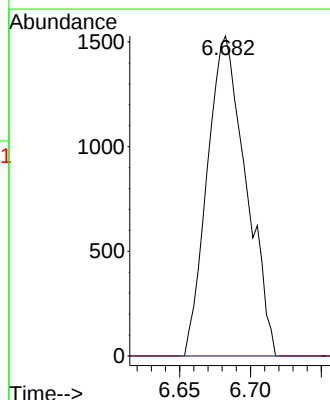
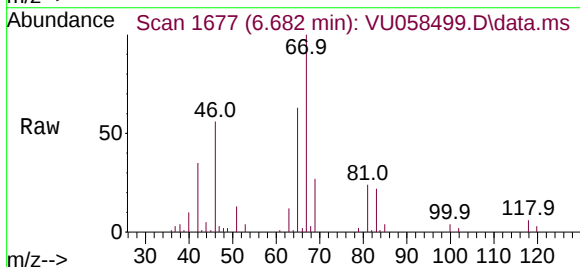
Acq: 09 Apr 2024 03:36

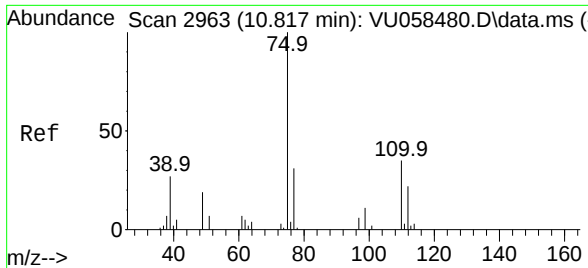
Tgt Ion: 63 Resp: 2911

Ion Ratio Lower Upper

63 100

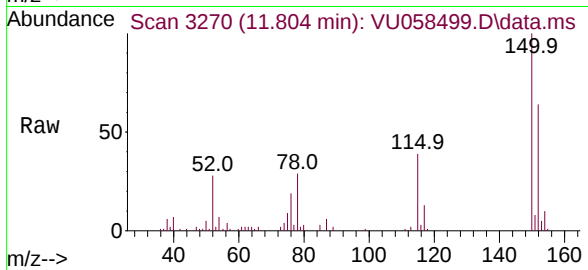
112 0.0 2.6 4.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.427 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU058499.D
 Acq: 09 Apr 2024 03:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4181
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 30.9 25.1 37.7

