

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058497.D
 Acq On : 09 Apr 2024 02:49
 Operator : MD/SY
 Sample : P2013-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:54:29 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)

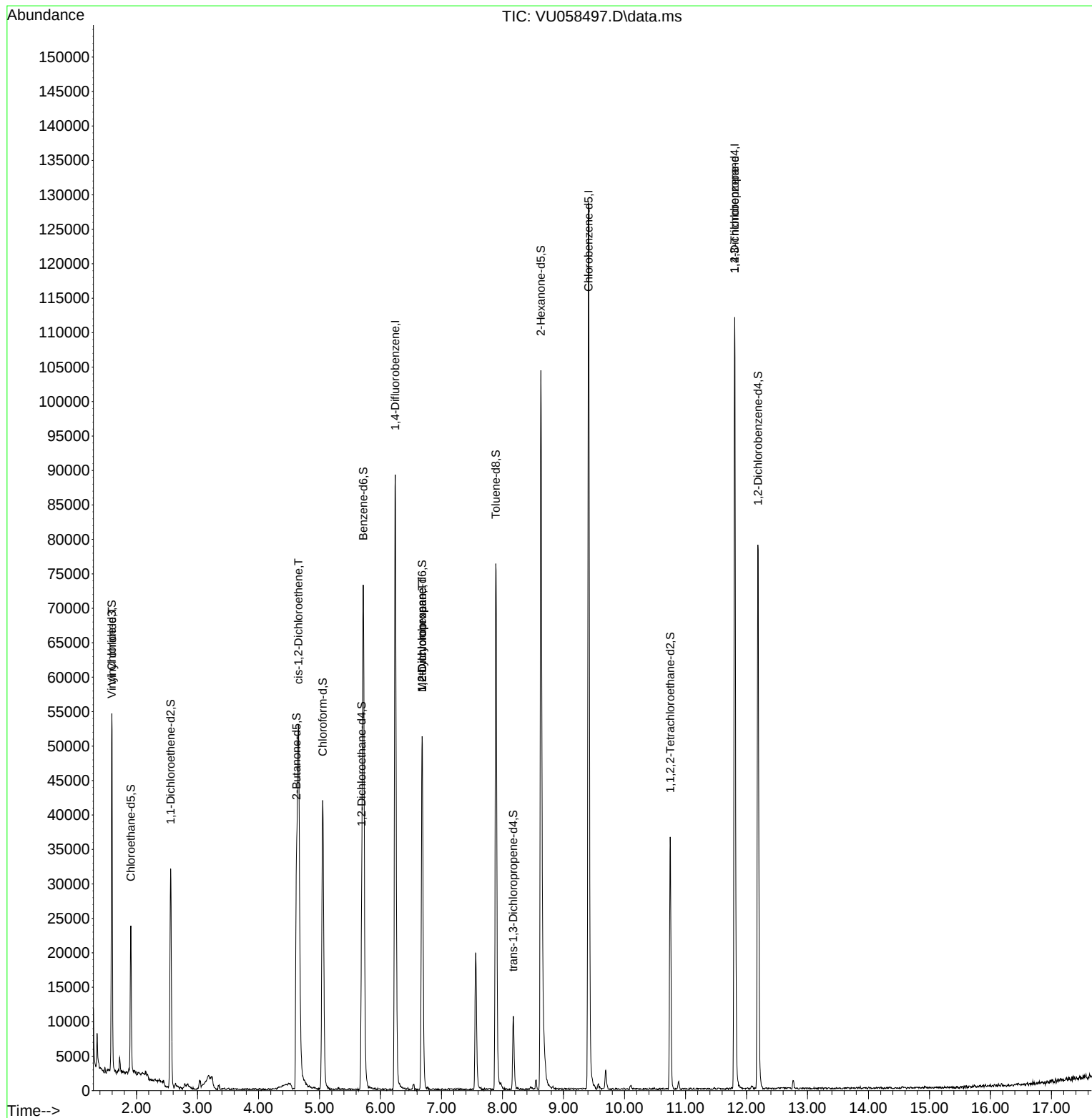
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69208	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	13212	2.883	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	57.600%		
7) Chloroethane-d5	1.907	69	14188	3.563	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	71.200%		
11) 1,1-Dichloroethene-d2	2.560	65	6031	2.908	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	58.200%#		
20) 2-Butanone-d5	4.624	46	52802	54.682	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	109.360%		
24) Chloroform-d	5.052	84	39668	4.337	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.800%		
26) 1,2-Dichloroethane-d4	5.692	65	20026	4.691	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.800%		
32) Benzene-d6	5.718	84	66725	3.657	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	73.200%		
36) 1,2-Dichloropropane-d6	6.682	67	24681	4.314	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	86.200%		
41) Toluene-d8	7.891	98	53474	3.305	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	66.200%#		
43) trans-1,3-Dichloroprop...	8.177	79	6683	3.763	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	75.200%		
46) 2-Hexanone-d5	8.627	63	35758	48.814	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	97.620%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18800	4.654	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	93.000%		
66) 1,2-Dichlorobenzene-d4	12.190	152	20582	4.202	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	84.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	22890	3.246	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	22171	3.841	ug/L	97
35) Methylcyclohexane	6.682	83	5243	0.562	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2738	0.424	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4239	1.429	ug/L #	69

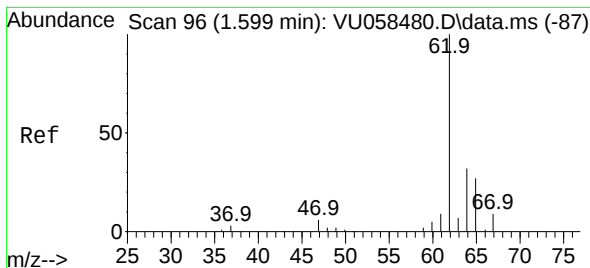
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.246 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

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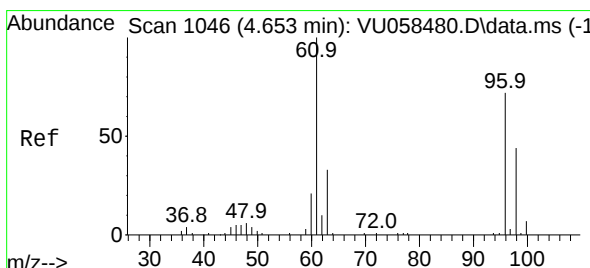
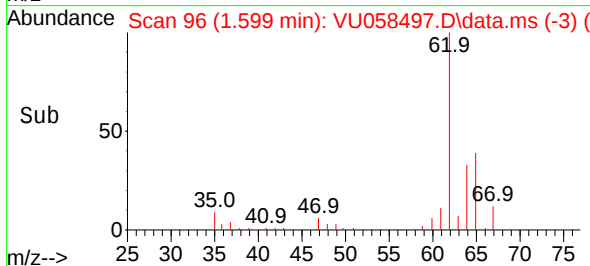
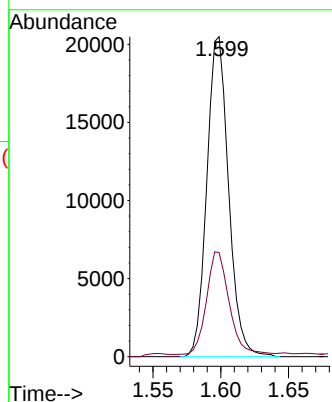
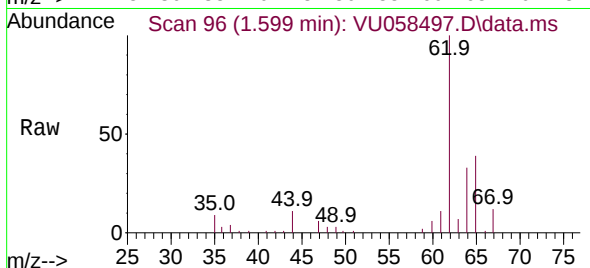
ClientSampleId :

Tgt Ion: 62 Resp: 22890

Ion Ratio Lower Upper

62 100

64 32.5 22.6 42.0



#22

cis-1,2-Dichloroethene

Concen: 3.841 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.003 min

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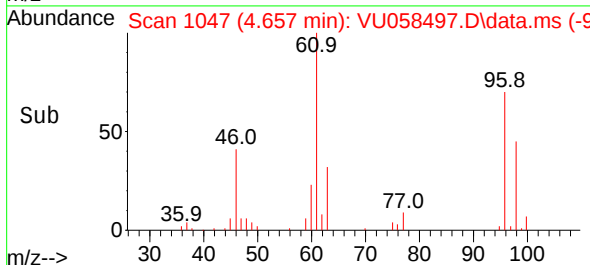
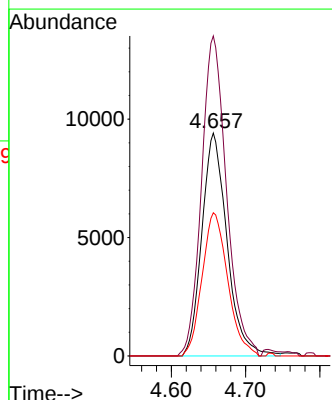
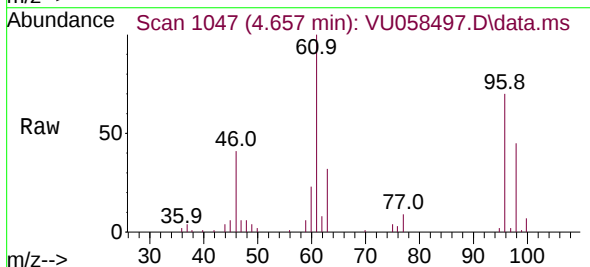
Tgt Ion: 96 Resp: 22171

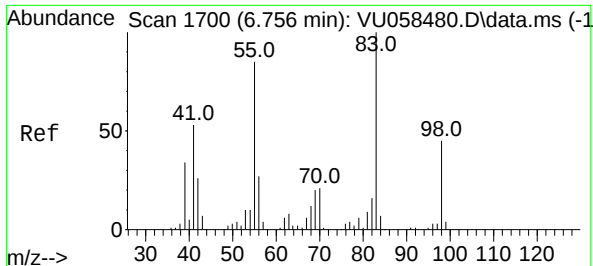
Ion Ratio Lower Upper

96 100

61 143.6 98.1 182.3

98 64.3 43.6 81.0





#35

Methylcyclohexane

Concen: 0.562 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

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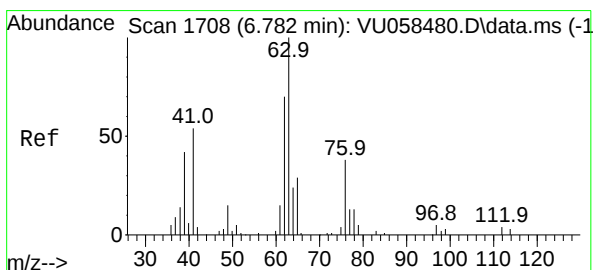
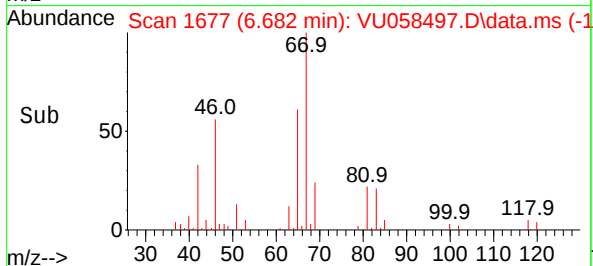
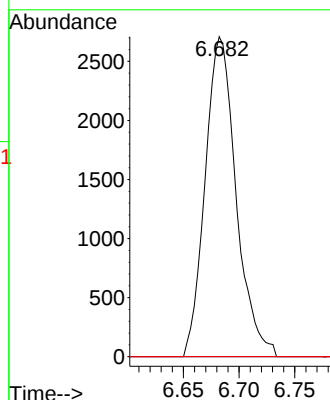
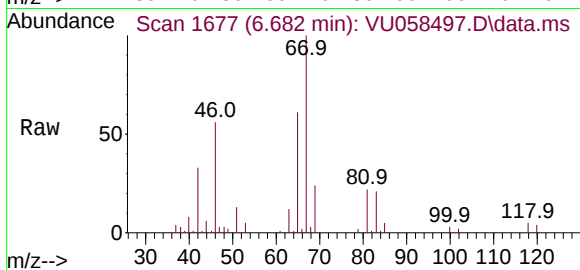
Tgt Ion: 83 Resp: 5243

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: 0.424 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058497.D

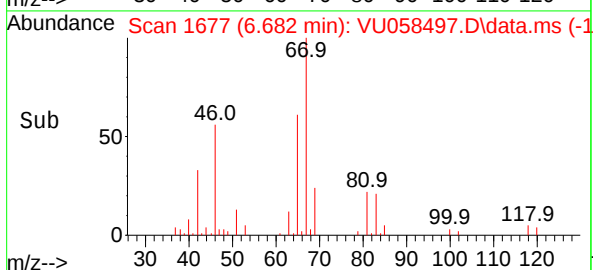
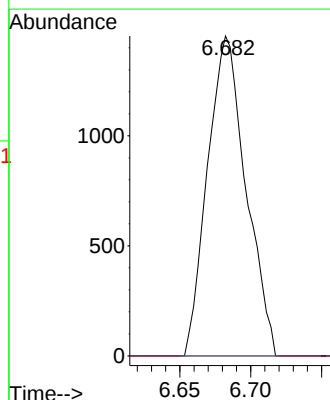
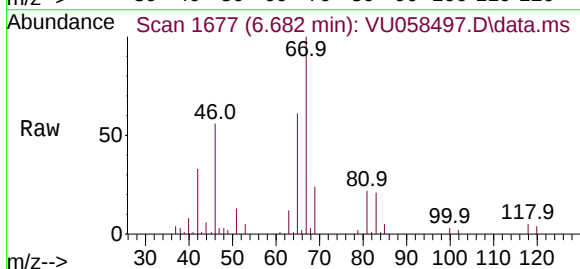
Acq: 09 Apr 2024 02:49

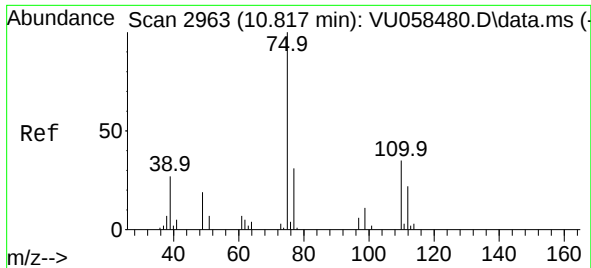
Tgt Ion: 63 Resp: 2738

Ion Ratio Lower Upper

63 100

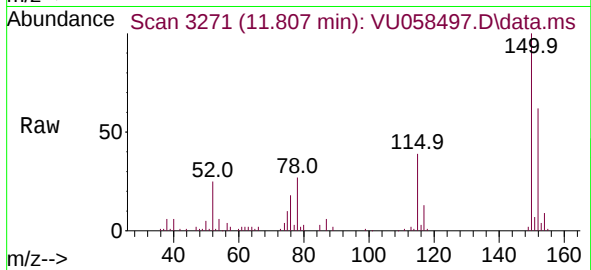
112 0.0 2.6 4.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.429 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058497.D
 Acq: 09 Apr 2024 02:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4239
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 29.3 25.1 37.7

