

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058609.D
 Acq On : 11 Apr 2024 15:37
 Operator : MD/SY
 Sample : P2013-20 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:28:08 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

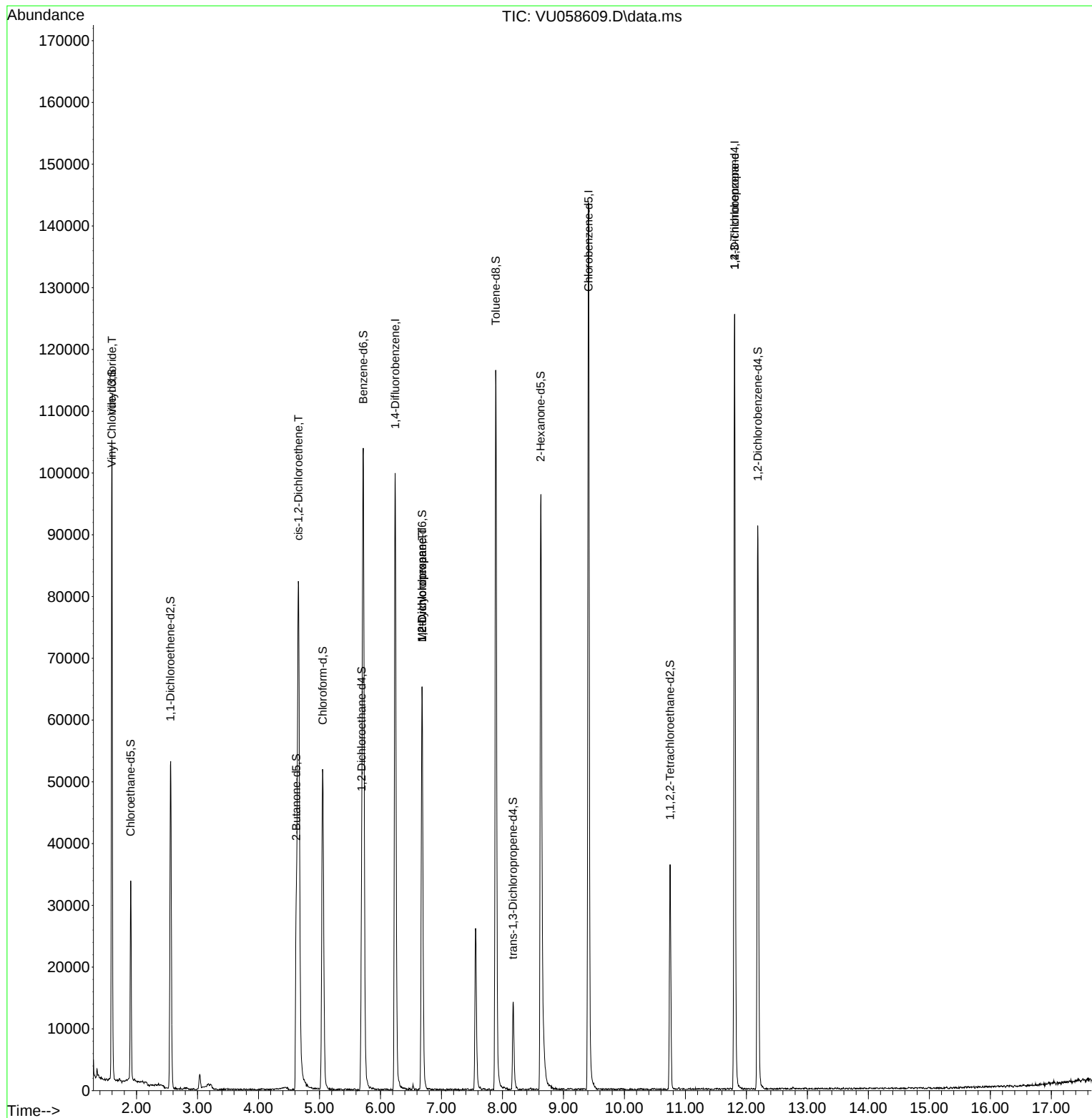
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22773	4.476	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.904	69	21677	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.557	65	10582	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.621	46	50454	47.060	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.120%
24) Chloroform-d	5.052	84	49071	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.692	65	23409	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.718	84	95935	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.682	67	30389	4.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.891	98	78406	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.174	79	8715	4.392	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	33822	41.324	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18880	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	23514	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
5) Vinyl chloride	1.599	62	50255	6.420	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	36790	5.740	ug/L	91
35) Methylcyclohexane	6.682	83	6676	0.640	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3329	0.461	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4296	1.328	ug/L #	69

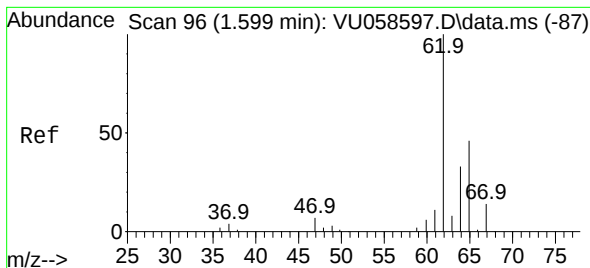
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.420 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

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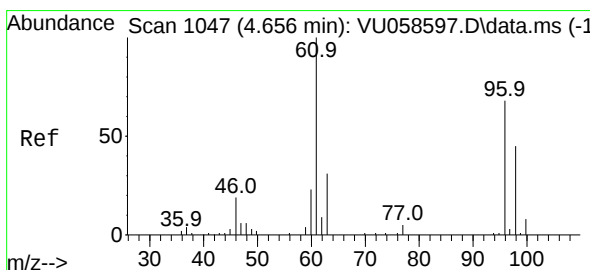
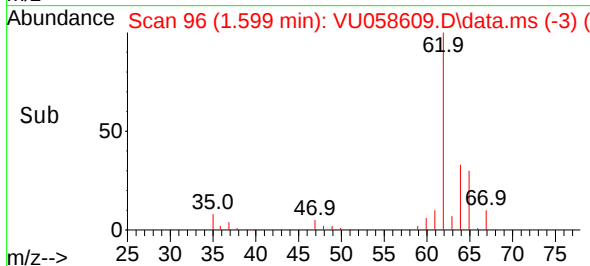
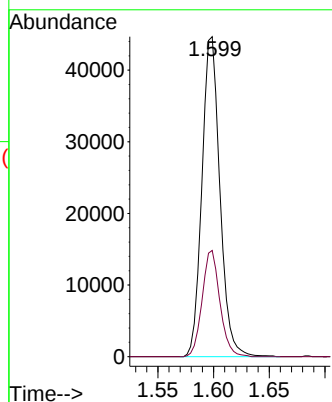
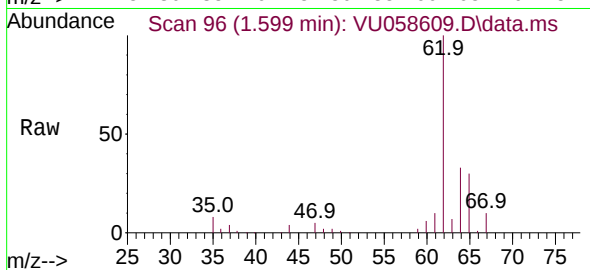
ClientSampleId :

Tgt Ion: 62 Resp: 50255

Ion Ratio Lower Upper

62 100

64 33.2 22.6 42.0



#22

cis-1,2-Dichloroethene

Concen: 5.740 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. 0.000 min

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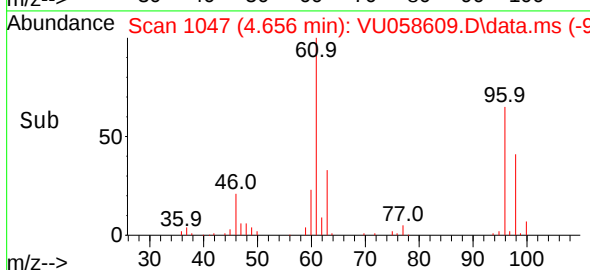
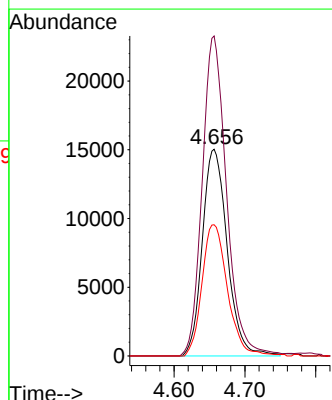
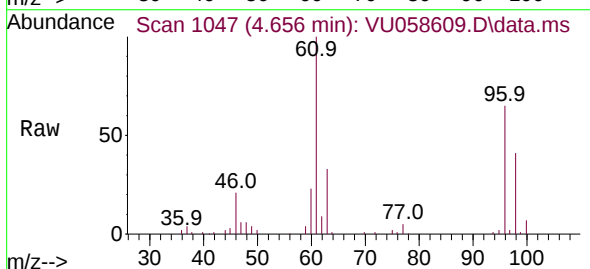
Tgt Ion: 96 Resp: 36790

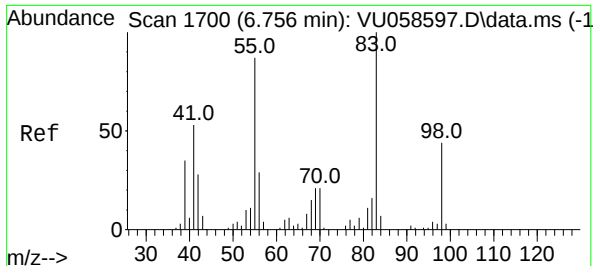
Ion Ratio Lower Upper

96 100

61 154.8 98.1 182.3

98 63.5 43.6 81.0





#35

Methylcyclohexane

Concen: 0.640 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

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Instrument :

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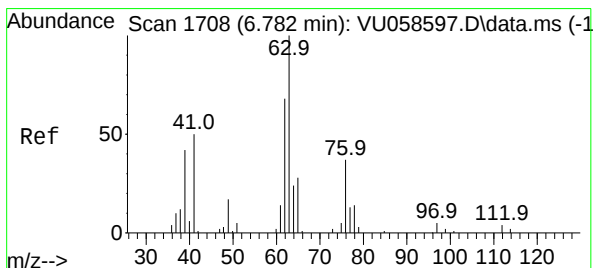
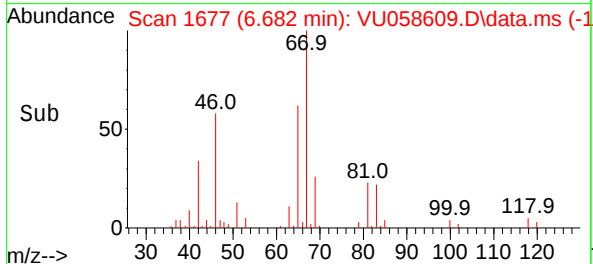
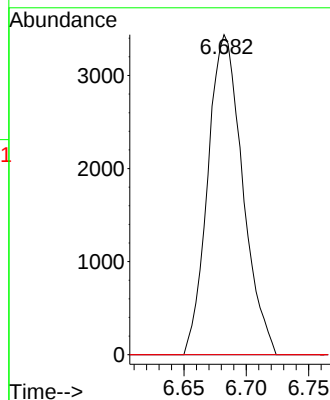
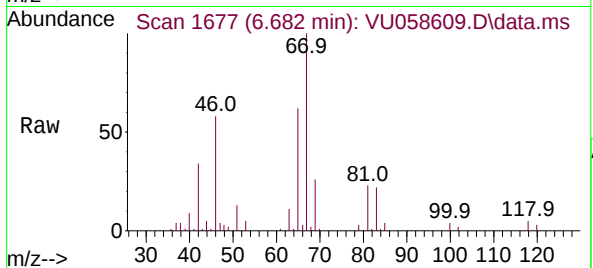
Tgt Ion: 83 Resp: 6676

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: 0.461 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058609.D

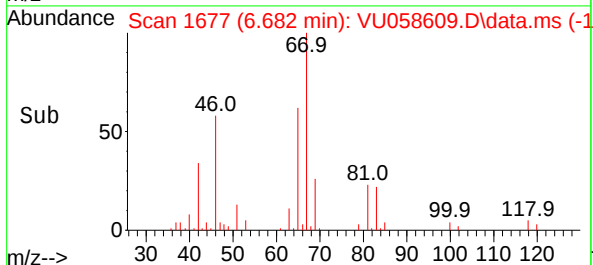
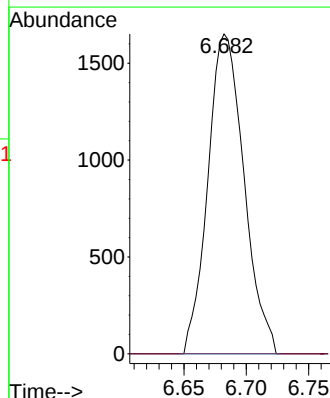
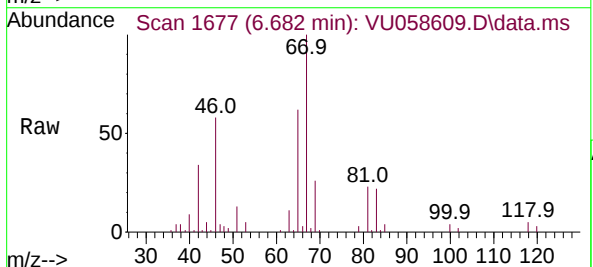
Acq: 11 Apr 2024 15:37

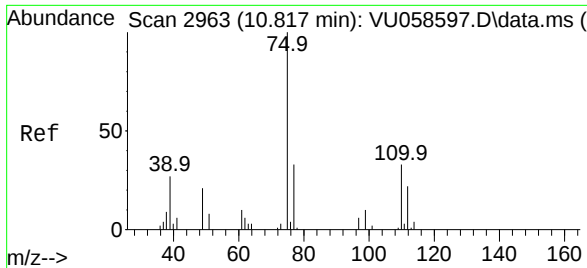
Tgt Ion: 63 Resp: 3329

Ion Ratio Lower Upper

63 100

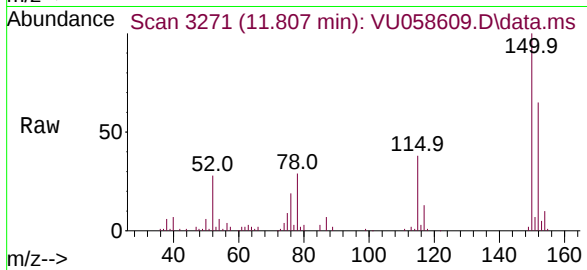
112 0.0 2.6 4.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.328 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058609.D
 Acq: 11 Apr 2024 15:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4296
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 33.2 25.1 37.7

