

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058985.D
 Acq On : 24 May 2024 21:02
 Operator : MD/SY
 Sample : P2566-15 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 22:31:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 22:25:41 2024
 Response via : Initial Calibration

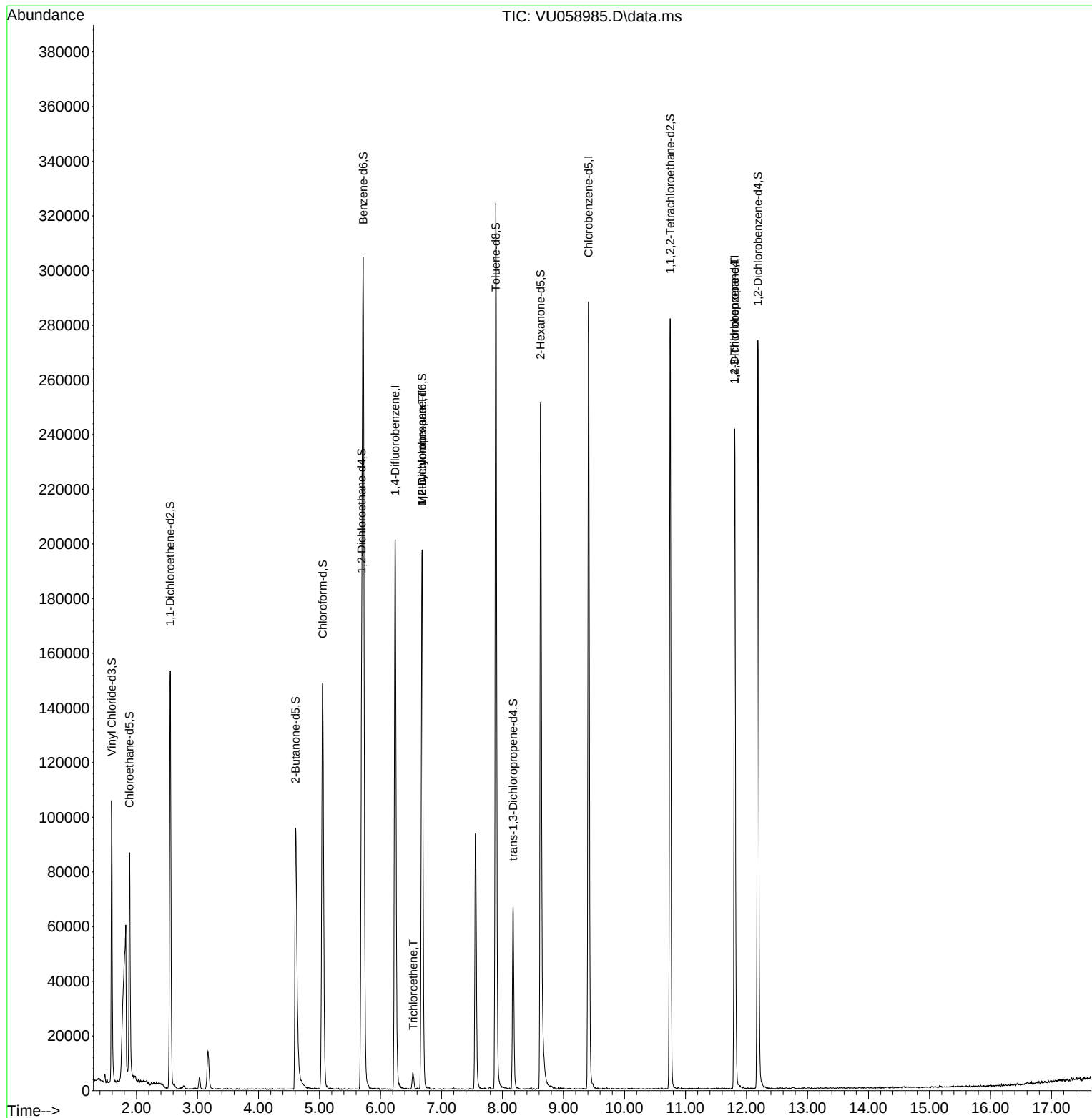
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161187	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154836	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	76817	45.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.120%
7) Chloroethane-d5	1.885	69	65568	46.279	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.560%
11) 1,1-Dichloroethene-d2	2.554	63	93331	35.833	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.660%
21) 2-Butanone-d5	4.608	46	143903	122.887	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.890%
24) Chloroform-d	5.052	84	140960	48.206	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.420%
26) 1,2-Dichloroethane-d4	5.692	65	94934	53.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.180%
32) Benzene-d6	5.718	84	282455	53.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.020%
36) 1,2-Dichloropropane-d6	6.682	67	99045	56.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.620%
41) Toluene-d8	7.891	98	216665	45.792	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.580%
43) trans-1,3-Dichloroprop...	8.174	79	37506	47.907	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.820%
47) 2-Hexanone-d5	8.624	63	84908	117.748	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.750%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	146100	55.700	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	74148	55.447	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.900%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.537	95	1439	1.165	ug/L	86
35) Methylcyclohexane	6.682	83	20782	14.352	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	10119	6.689	ug/L #	91
60) 1,2,3-Trichloropropane	11.807	75	7946	4.818	ug/L #	68

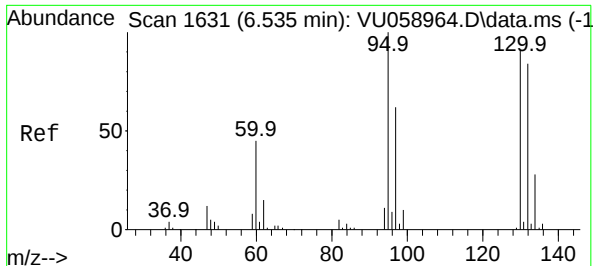
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 1.165 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058985.D

Acq: 24 May 2024 21:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 1439

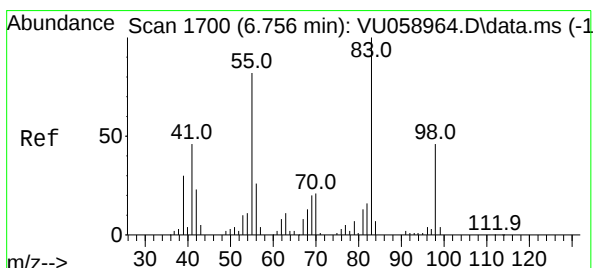
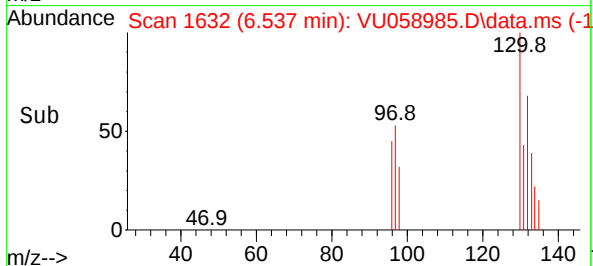
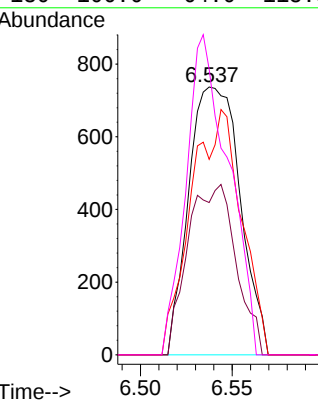
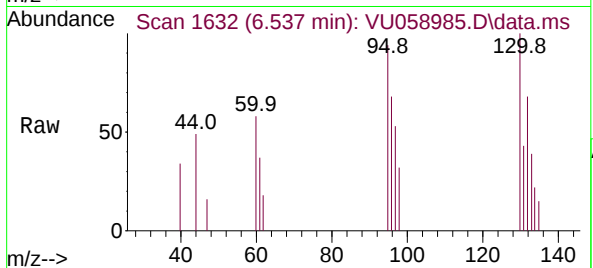
Ion Ratio Lower Upper

95 100

97 56.9 45.9 85.3

132 73.0 60.5 112.5

130 106.6 64.0 118.8



#35

Methylcyclohexane

Concen: 14.352 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

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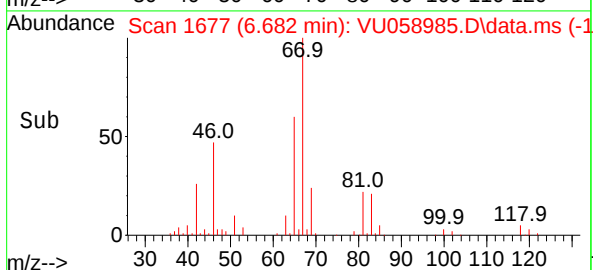
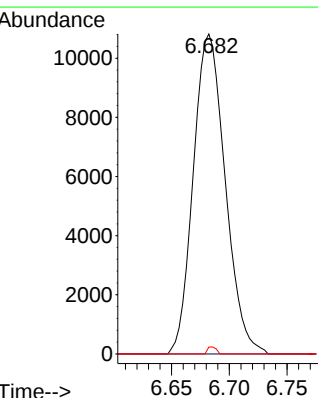
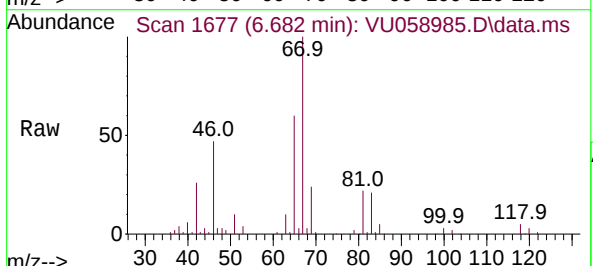
Tgt Ion: 83 Resp: 20782

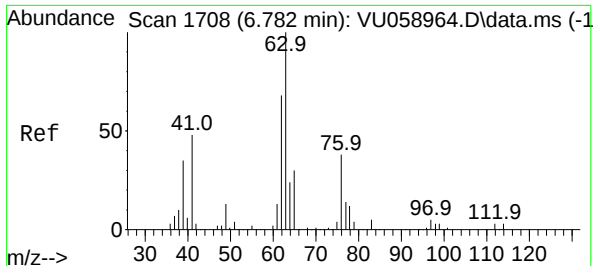
Ion Ratio Lower Upper

83 100

55 0.0 61.5 92.3#

98 0.6 36.2 54.2#

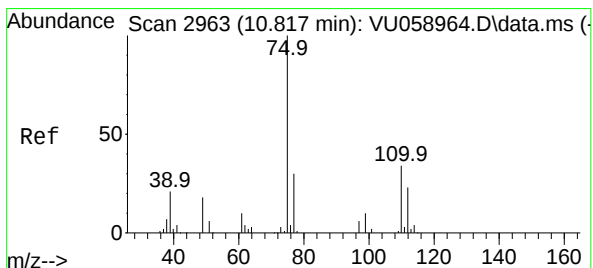
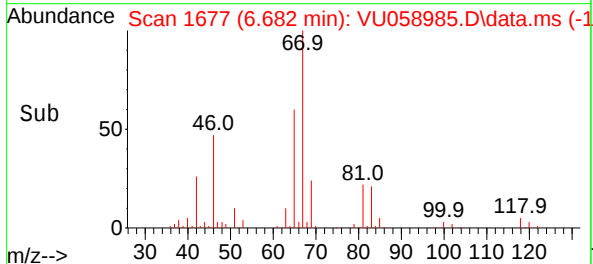
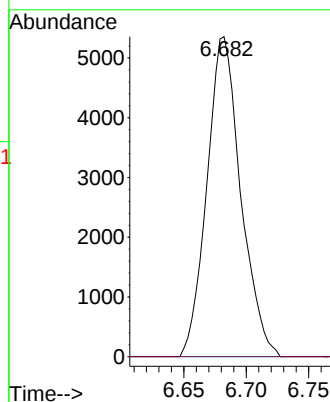
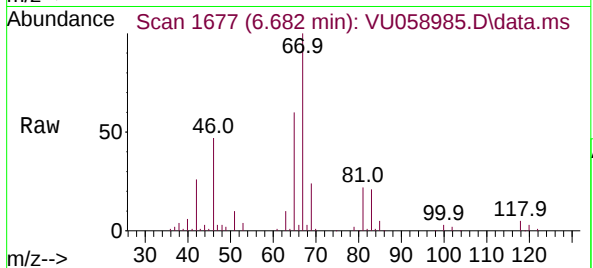




#37
1,2-Dichloropropane
Concen: 6.689 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
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Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 10119
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



#60
1,2,3-Trichloropropane
Concen: 4.818 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058985.D
Acq: 24 May 2024 21:02

Tgt Ion: 75 Resp: 7946
Ion Ratio Lower Upper
75 100
77 34.8 25.8 38.6
110 1.8 28.3 42.5#

