

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054111.D
 Acq On : 09 May 2023 03:47
 Operator : JC/MD
 Sample : 02689-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 06:14:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

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

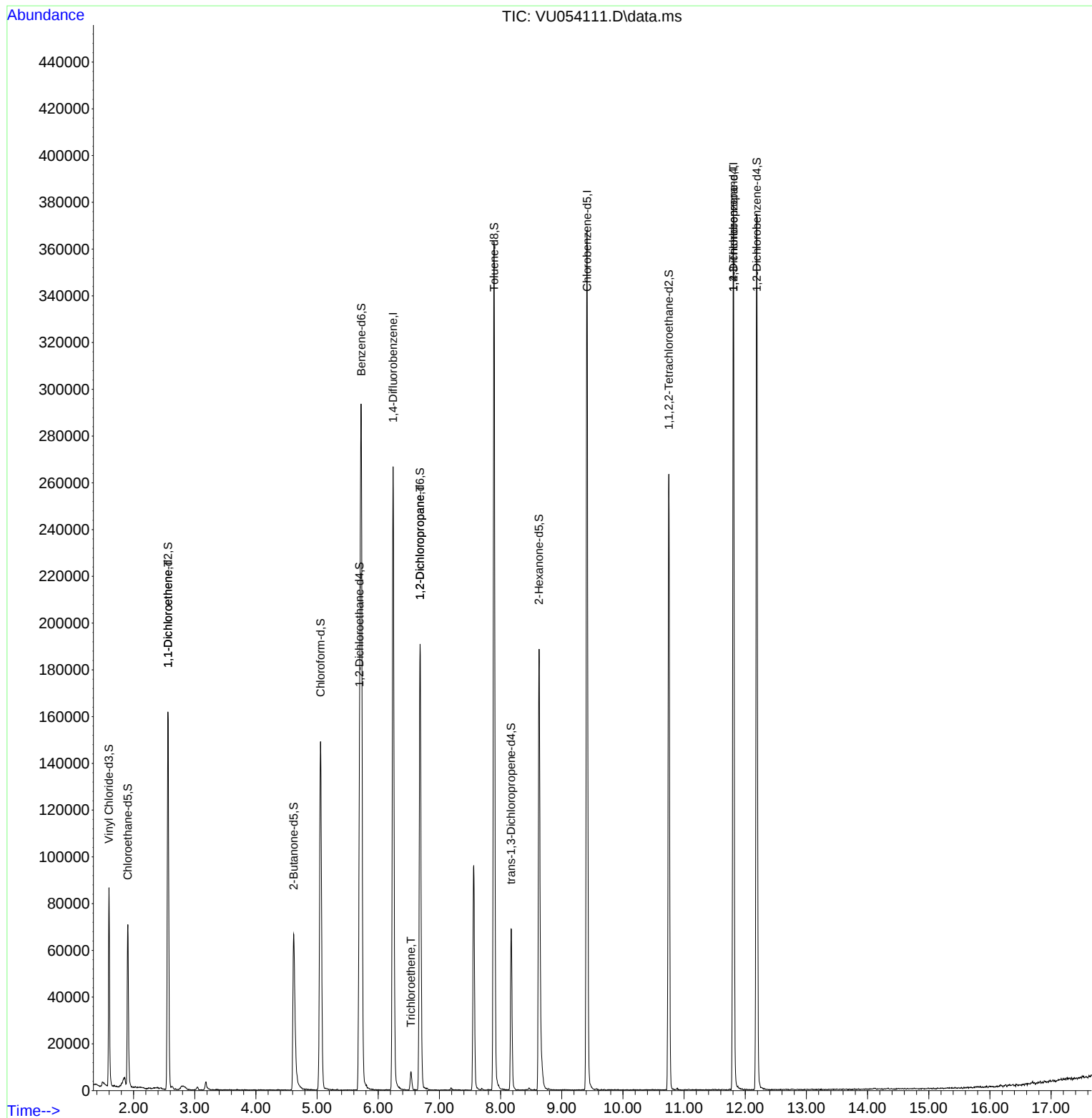
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	223997	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	213607	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	104193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64326	37.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.940%
7) Chloroethane-d5	1.906	69	54759	49.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.480%
11) 1,1-Dichloroethene-d2	2.562	63	97330	32.392	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.780%
21) 2-Butanone-d5	4.616	46	99291	102.763	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.760%
24) Chloroform-d	5.057	84	144161	46.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.660%
26) 1,2-Dichloroethane-d4	5.693	65	96153	48.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
32) Benzene-d6	5.722	84	275243	43.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.560%
36) 1,2-Dichloropropane-d6	6.684	67	90555	45.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.240%
41) Toluene-d8	7.893	98	244996	43.159	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.320%
43) trans-1,3-Dichloroprop...	8.172	79	41200	41.943	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.880%
47) 2-Hexanone-d5	8.629	63	63806	89.748	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.750%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	127585	48.798	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	101937	50.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.562	96	753	0.580	ug/L #	1
34) Trichloroethene	6.536	95	1403	0.850	ug/L	90
37) 1,2-Dichloropropane	6.684	63	9914	5.636	ug/L #	87
60) 1,2,3-Trichloropropane	11.806	75	11726	6.059	ug/L #	65

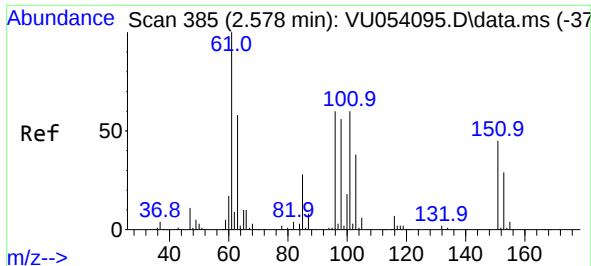
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat May 06 01:14:00 2023
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#12

1,1-Dichloroethene

Concen: 0.580 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.016 min

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MSVOA_U

ClientSampleId :

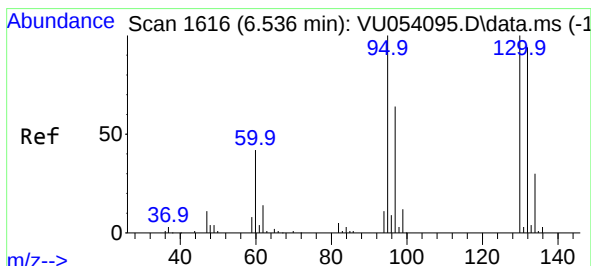
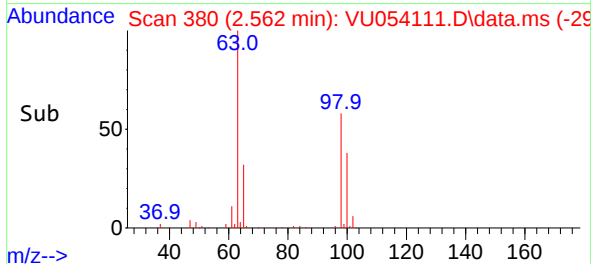
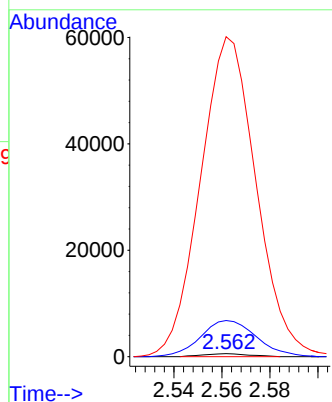
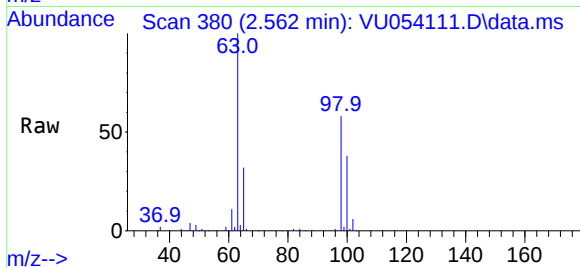
Tgt Ion: 96 Resp: 753

Ion Ratio Lower Upper

96 100

61 1186.2 118.3 219.7#

63 10514.7 92.3 171.5#



#34

Trichloroethene

Concen: 0.850 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. -0.000 min

Lab File: VU054111.D

Acq: 09 May 2023 03:47

Tgt Ion: 95 Resp: 1403

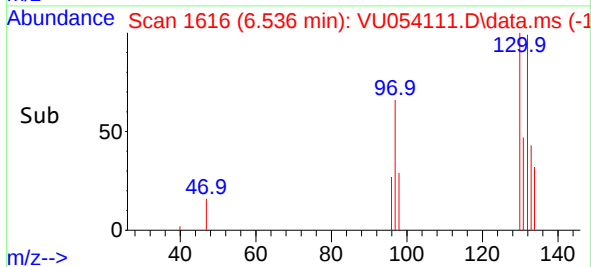
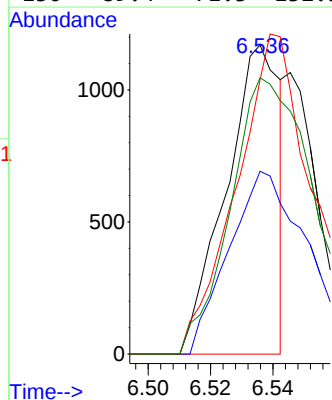
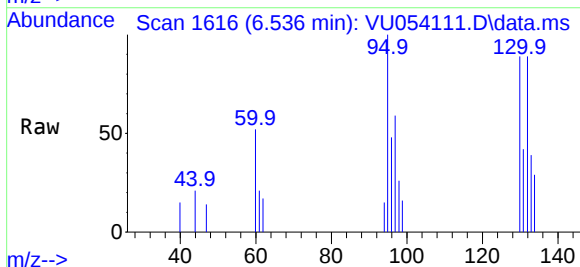
Ion Ratio Lower Upper

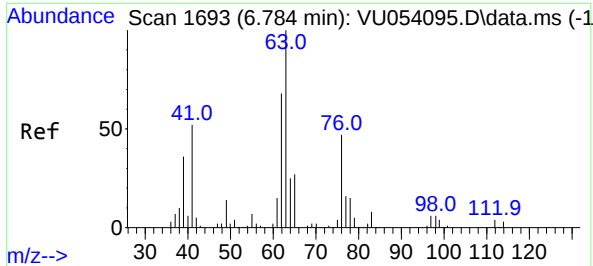
95 100

97 59.1 46.5 86.3

132 88.7 67.8 126.0

130 89.4 71.3 132.3

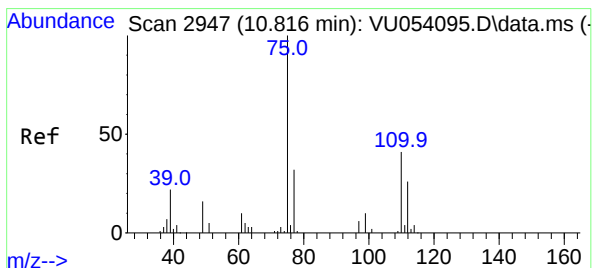
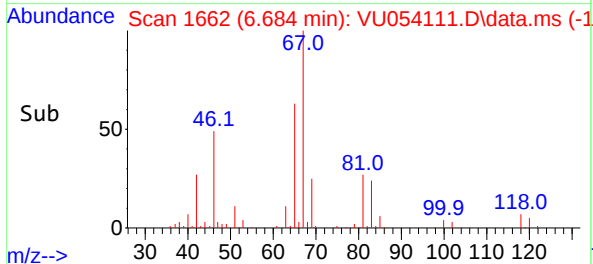
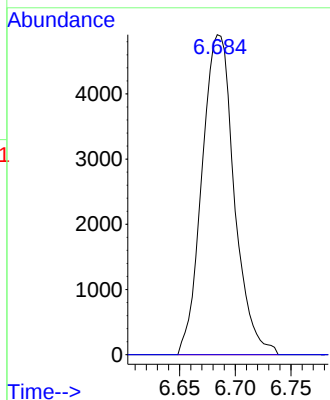
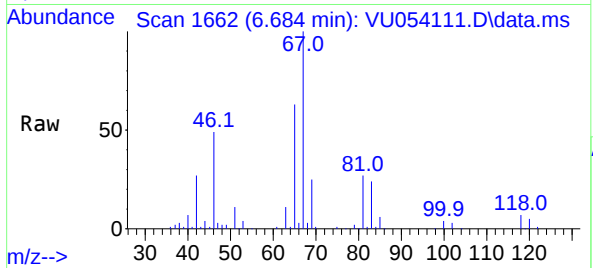




#37
1,2-Dichloropropane
Concen: 5.636 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
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Instrument :
MSVOA_U
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Tgt Ion: 63 Resp: 9914
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#60
1,2,3-Trichloropropane
Concen: 6.059 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU054111.D
Acq: 09 May 2023 03:47

Tgt Ion: 75 Resp: 11726
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0
110 1.5 31.8 47.8#

