

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043023\
 Data File : VU053999.D
 Acq On : 29 Apr 2023 20:23
 Operator : JC/MD
 Sample : 02565-09 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY2

Quant Time: May 01 02:59:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 01 02:19:21 2023
 Response via : Initial Calibration

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

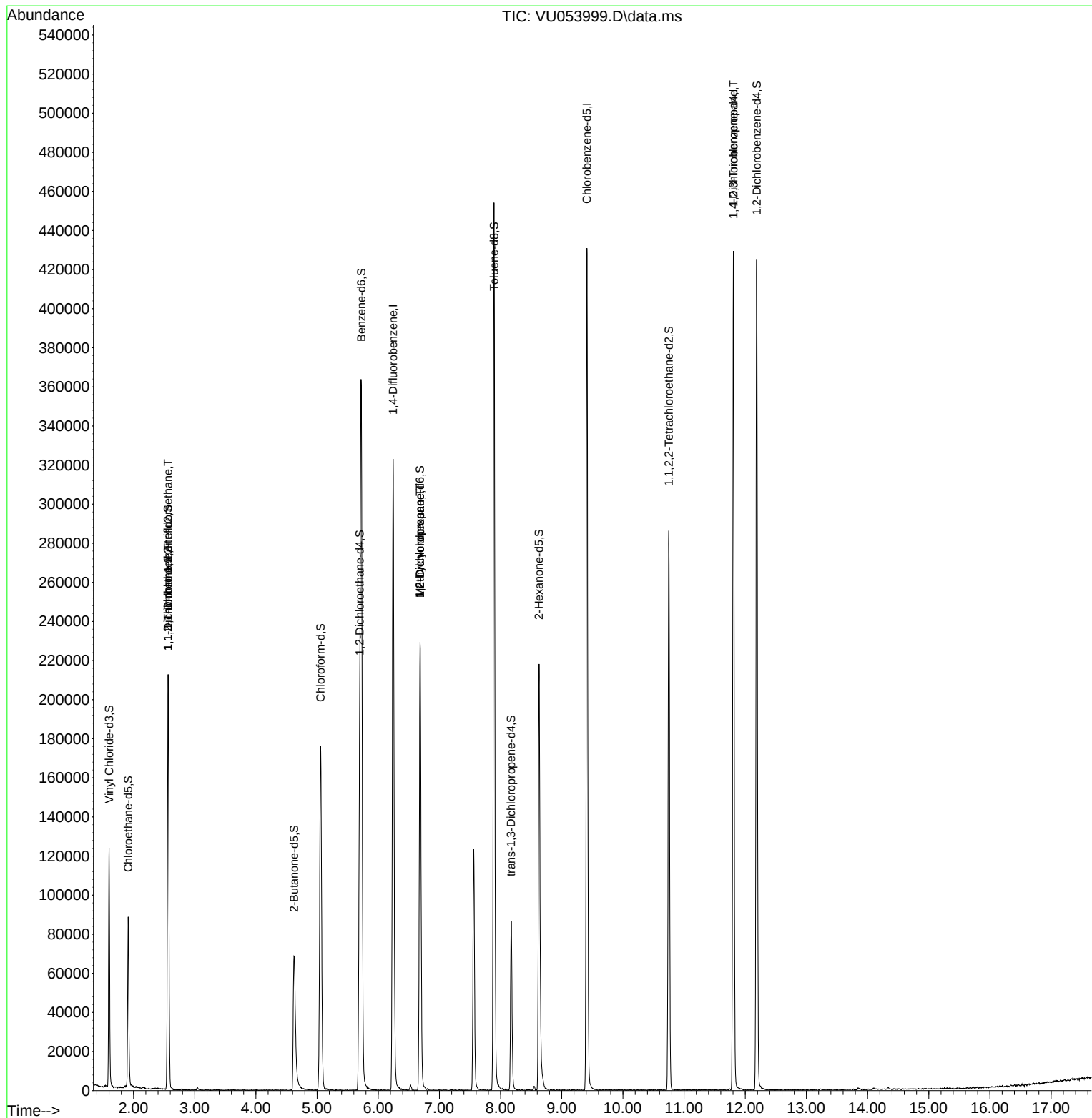
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	269605	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	245105	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	92230	45.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.460%
7) Chloroethane-d5	1.913	69	63234	47.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.480%
11) 1,1-Dichloroethene-d2	2.565	63	128613	35.562	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.120%
21) 2-Butanone-d5	4.626	46	111982	96.292	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.290%
24) Chloroform-d	5.057	84	167730	44.788	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
26) 1,2-Dichloroethane-d4	5.697	65	112903	46.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.900%
32) Benzene-d6	5.723	84	345510	47.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.780%
36) 1,2-Dichloropropane-d6	6.684	67	111484	48.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.900%
41) Toluene-d8	7.893	98	305142	46.847	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.700%
43) trans-1,3-Dichloroprop...	8.173	79	50980	45.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.460%
47) 2-Hexanone-d5	8.629	63	77574	95.092	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.090%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	140229	46.742	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.480%
66) 1,2-Dichlorobenzene-d4	12.189	152	115506	49.775	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.540%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1167	0.647	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	989	0.632	ug/L #	1
35) Methylcyclohexane	6.684	83	26528	9.989	ug/L #	18
37) 1,2-Dichloropropane	6.684	63	11656	5.775	ug/L #	87
60) 1,2,3-Trichloropropane	11.806	75	13369	6.059	ug/L #	67

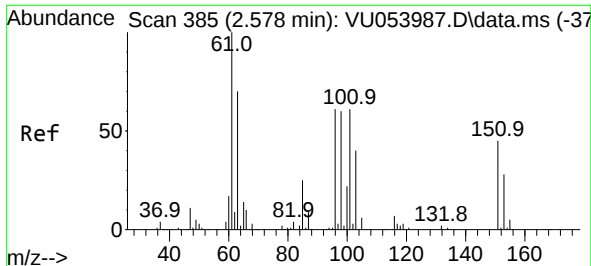
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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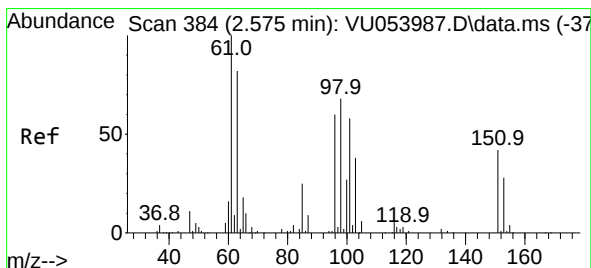
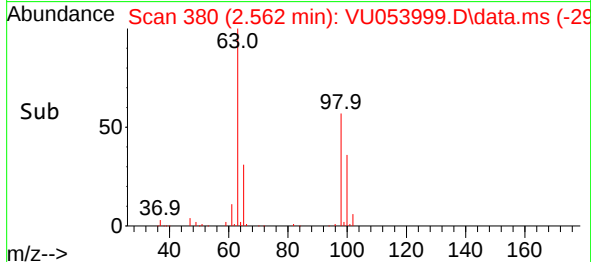
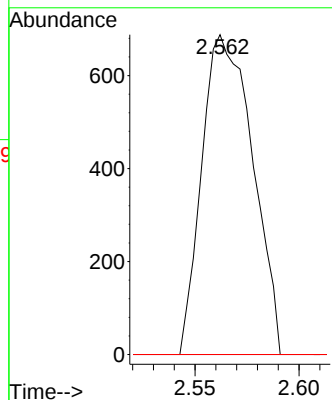
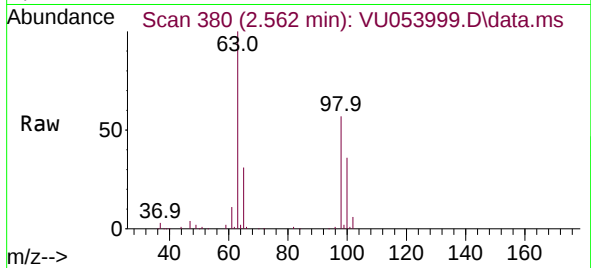




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.647 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU053999.D
Acq: 29 Apr 2023 20:23

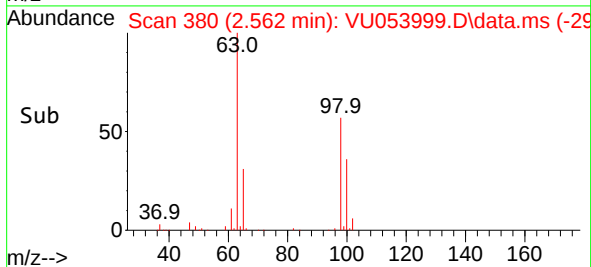
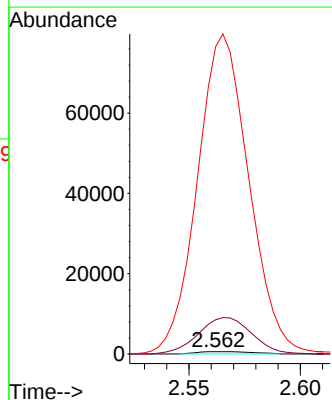
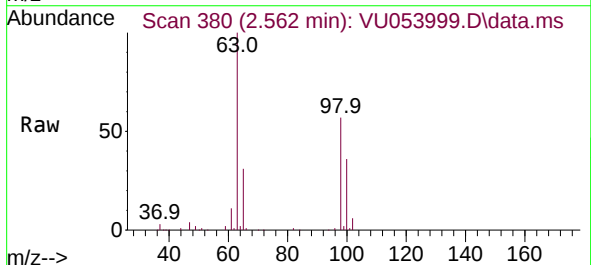
Instrument :
MSVOA_U
ClientSampleId :
C0AY2

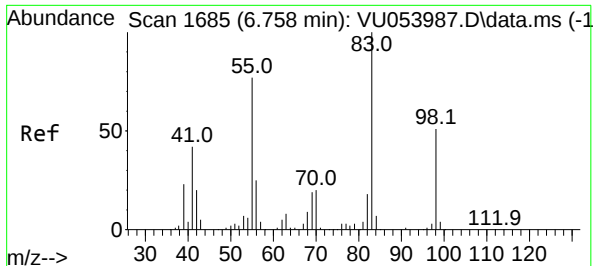
Tgt Ion:101 Resp: 1167
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.632 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU053999.D
Acq: 29 Apr 2023 20:23

Tgt Ion: 96 Resp: 989
Ion Ratio Lower Upper
96 100
61 1508.3 118.3 219.7#
63 13513.9 92.3 171.5#





#35

Methylcyclohexane

Concen: 9.989 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

Lab File: VU053999.D

Acq: 29 Apr 2023 20:23

Instrument :

MSVOA_U

ClientSampleId :

C0AY2

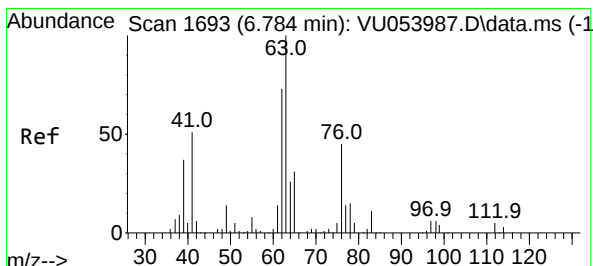
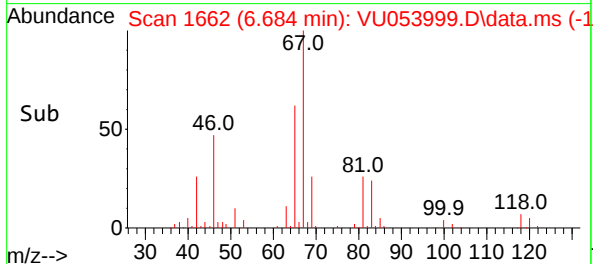
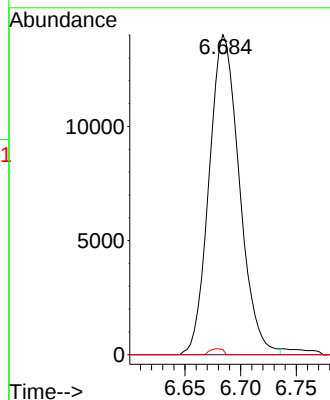
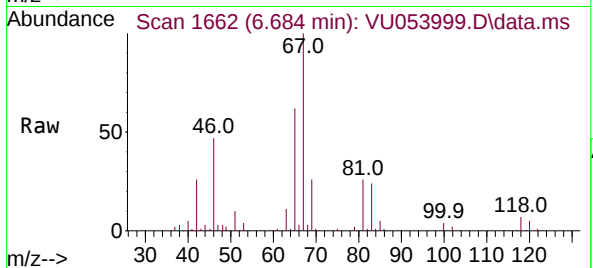
Tgt Ion: 83 Resp: 26528

Ion Ratio Lower Upper

83 100

55 0.0 61.8 92.6#

98 0.8 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 5.775 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU053999.D

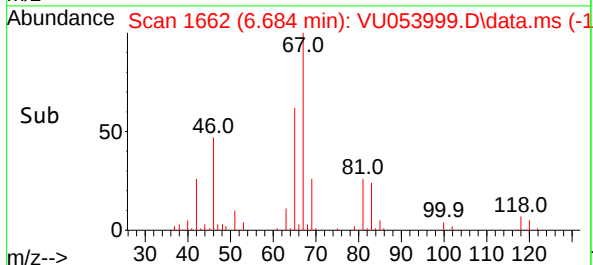
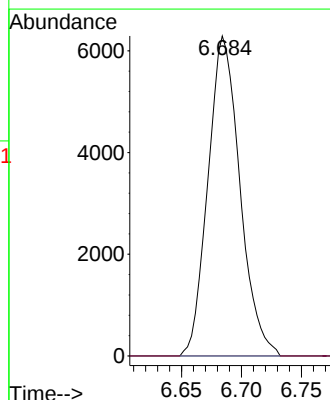
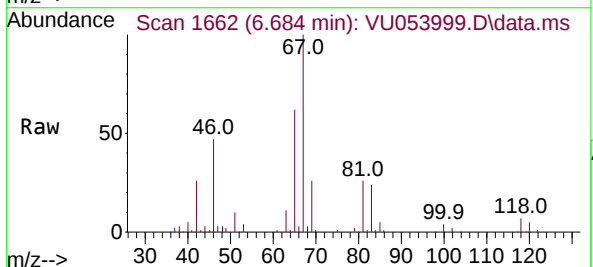
Acq: 29 Apr 2023 20:23

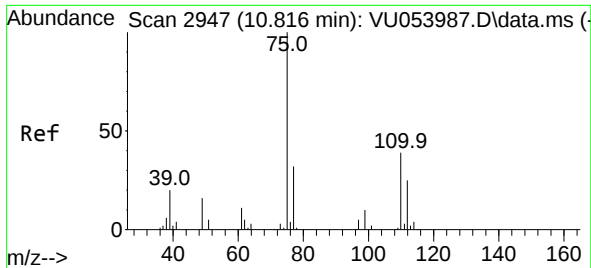
Tgt Ion: 63 Resp: 11656

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# 31
Delta R.T. 0.990 min
Lab File: VU053999.D
Acq: 29 Apr 2023 20:23

Instrument :
MSVOA_U
ClientSampleId :
C0AY2

Tgt Ion: 75 Resp: 13369
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 2.9 31.8 47.8#

