

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052629.D
 Acq On : 06 Jan 2023 15:41
 Operator : JC/MD
 Sample : 01036-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COLD9

Quant Time: Jan 07 01:36:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:30:36 2023
 Response via : Initial Calibration

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

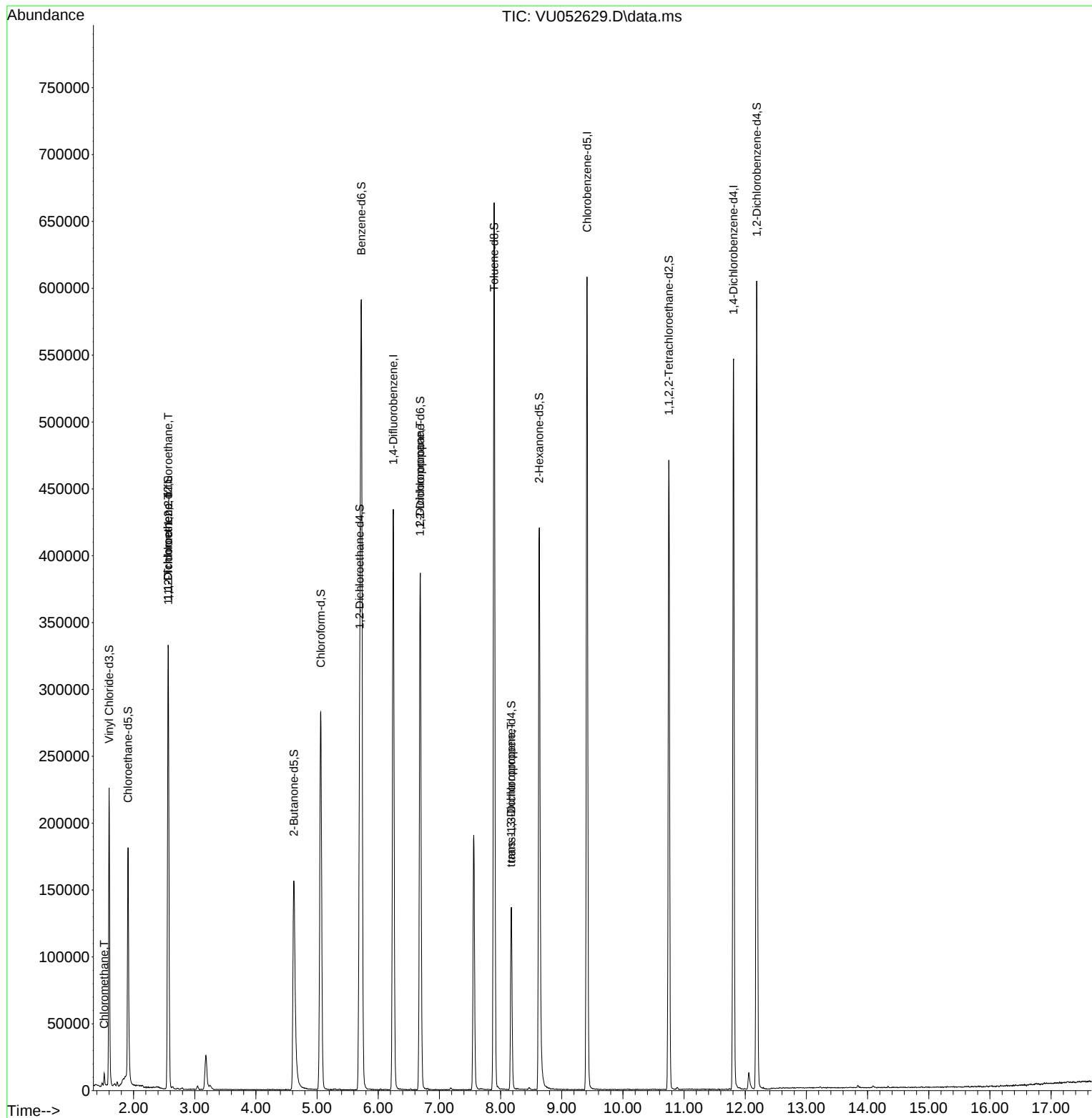
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	324758	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	312245	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	131812	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	164145	44.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.740%
7) Chloroethane-d5	1.909	69	126369	44.154	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.300%
11) 1,1-Dichloroethene-d2	2.565	63	213701	35.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.060%
21) 2-Butanone-d5	4.620	46	229706	99.226	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.230%
24) Chloroform-d	5.060	84	259215	45.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.160%
26) 1,2-Dichloroethane-d4	5.697	65	176380	46.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
32) Benzene-d6	5.723	84	529426	49.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
36) 1,2-Dichloropropane-d6	6.687	67	185112	48.788	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.580%
41) Toluene-d8	7.896	98	421691	46.052	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.100%
43) trans-1,3-Dichloroprop...	8.176	79	75325	45.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.380%
47) 2-Hexanone-d5	8.632	63	137934	103.172	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.170%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	237326	47.483	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	12.189	152	142668	56.372	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	5733	1.477	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1989	0.804	ug/L #	23
12) 1,1-Dichloroethene	2.565	96	1267	0.555	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	19527	6.066	ug/L #	89
44) trans-1,3-Dichloropropene	8.173	75	3665	0.896	ug/L	89

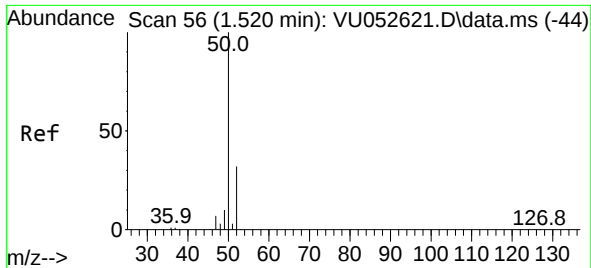
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jan 07 00:30:36 2023
Response via : Initial Calibration

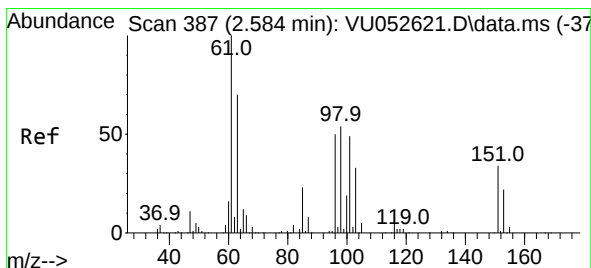
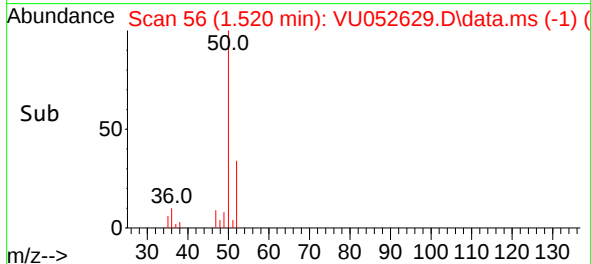
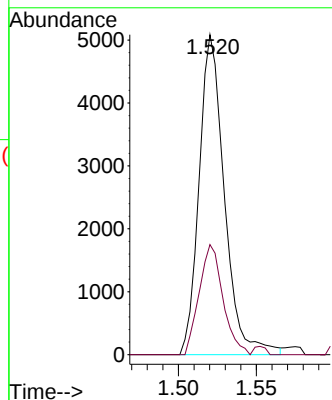
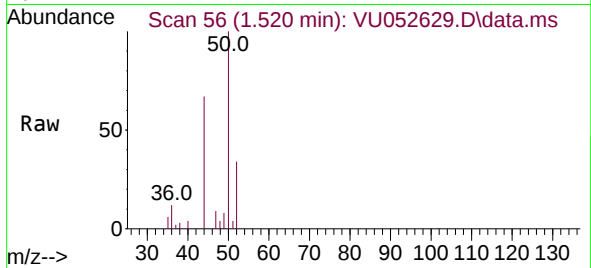




#3
Chloromethane
Concen: 1.477 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052629.D
Acq: 06 Jan 2023 15:41

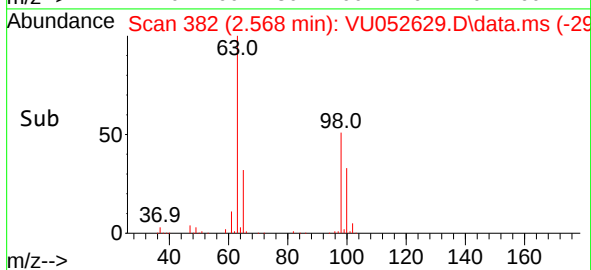
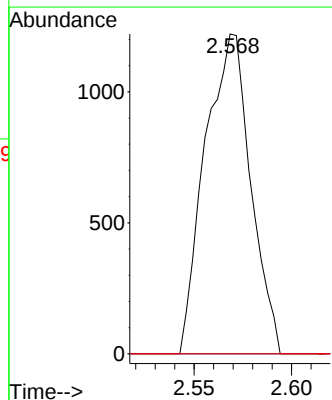
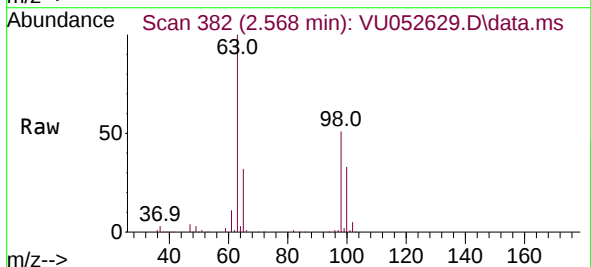
Instrument :
MSVOA_U
ClientSampleId :
COLD9

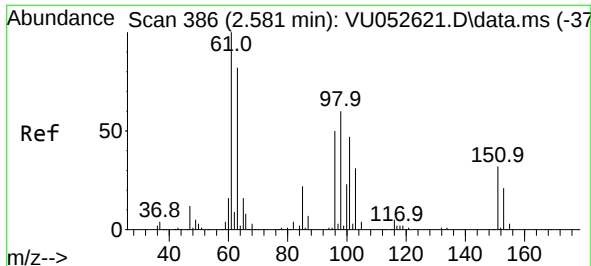
Tgt Ion: 50 Resp: 5733
Ion Ratio Lower Upper
50 100
52 34.4 22.3 41.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.804 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU052629.D
Acq: 06 Jan 2023 15:41

Tgt Ion: 101 Resp: 1989
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 53.2 79.8#





#12

1,1-Dichloroethene

Concen: 0.555 ug/L

RT: 2.565 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU052629.D

Acq: 06 Jan 2023 15:41

Instrument :

MSVOA_U

ClientSampleId :

COLD9

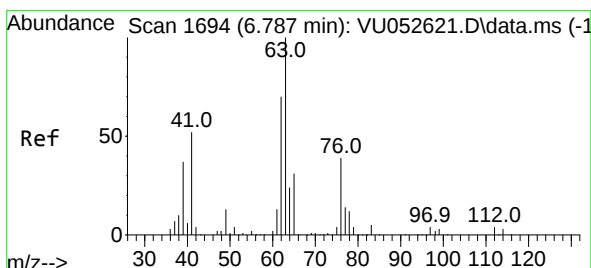
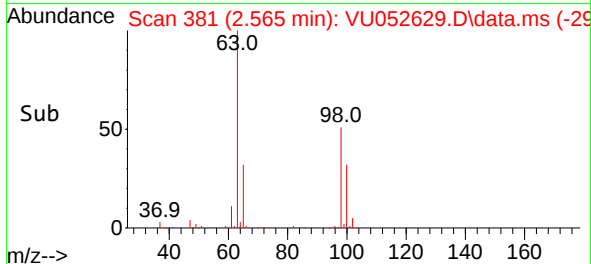
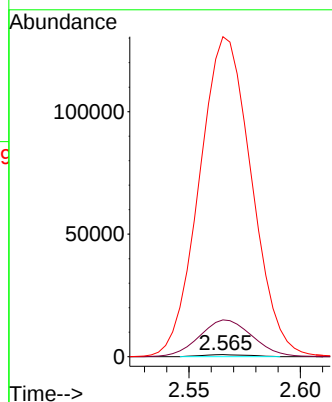
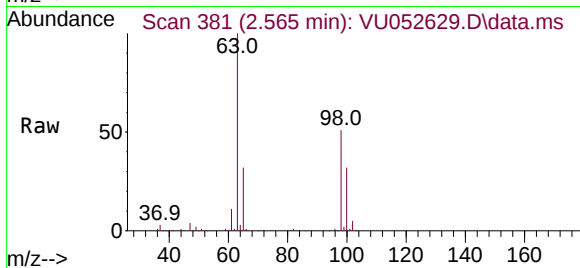
Tgt Ion: 96 Resp: 1267

Ion Ratio Lower Upper

96 100

61 1790.9 140.8 261.6#

63 15585.7 122.6 227.6#



#37

1,2-Dichloropropane

Concen: 6.066 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU052629.D

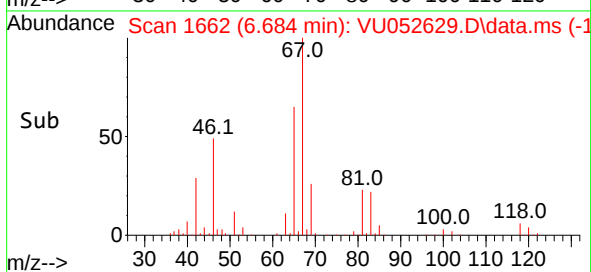
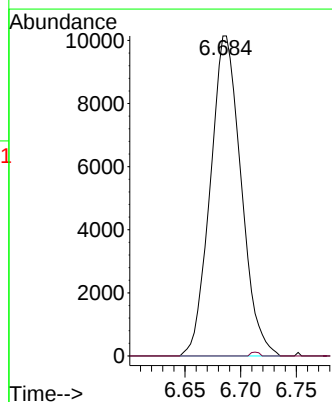
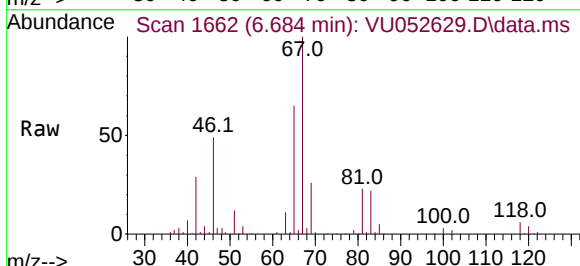
Acq: 06 Jan 2023 15:41

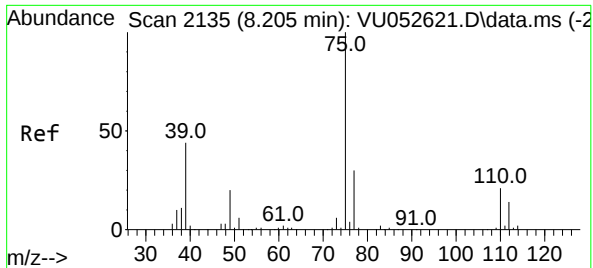
Tgt Ion: 63 Resp: 19527

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#





#44
 trans-1,3-Dichloropropene
 Concen: 0.896 ug/L
 RT: 8.173 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU052629.D
 Acq: 06 Jan 2023 15:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0LD9

Tgt Ion: 75 Resp: 3665
 Ion Ratio Lower Upper
 75 100
 77 36.7 21.3 39.5

