

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048254.D
 Acq On : 23 Apr 2022 18:24
 Operator : SY/MD
 Sample : N2485-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: Apr 25 01:28:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

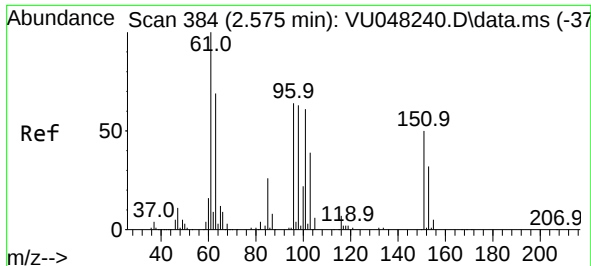
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	297092	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	295036	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	136373	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	113106	52.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.000%
7) Chloroethane-d5	1.899	69	86111	50.691	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.380%
11) 1,1-Dichloroethene-d2	2.565	63	138920	35.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.480%
21) 2-Butanone-d5	4.623	46	173053	93.584	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.580%
24) Chloroform-d	5.063	84	185737	47.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	5.703	65	118930	49.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
32) Benzene-d6	5.729	84	393007	52.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.880%
36) 1,2-Dichloropropane-d6	6.690	67	128606	56.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.820%
41) Toluene-d8	7.899	98	322496	44.586	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.180%
43) trans-1,3-Dichloroprop...	8.179	79	45515	39.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.800%
47) 2-Hexanone-d5	8.635	63	121973	91.387	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.390%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206214	52.702	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	127260	52.452	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.900%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1299	0.593	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1115	0.547	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	12437	5.729	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2397	0.712	ug/L #	58
60) 1,2,3-Trichloropropane	11.815	75	14106	5.487	ug/L #	66

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

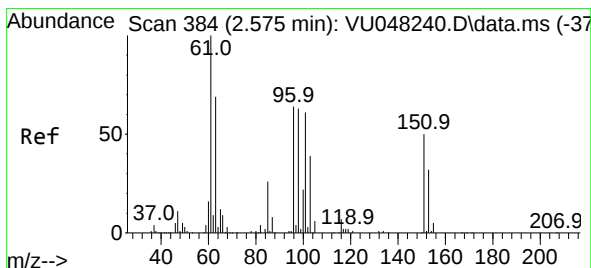
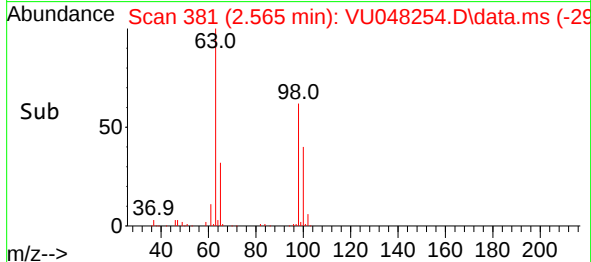
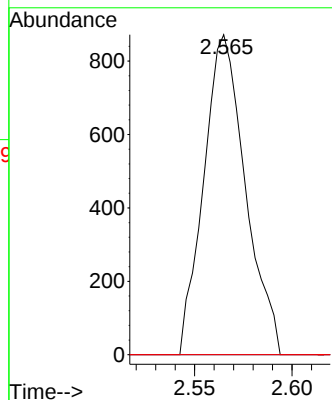
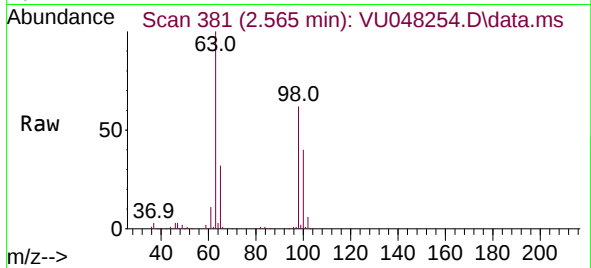
TIC: VU048254.D\data.ms

Time (min)	Compound
1.5	Vinyl Chloride-d3, S
1.8	Chloroethane-d5, S
2.5	1,1,1-Trichloroethane-d0, S
2.8	1,1,2-Trichloroethane-d0, S
3.5	1,1,2,2-Tetrachloroethane-d0, S
4.5	2-Butanone-d5, S
5.0	Chloroform-d, S
5.5	1,2-Dichloroethane-d4, S
6.0	Benzene-d6, S
6.2	1,4-Difluorobenzene, I
6.5	1,2-Dichloropropane-d6, S
7.5	cis-1,3-Dichloropropene, T
8.0	Toluene-d8, S
8.2	trans-1,3-Dichloropropene-d4, S
8.5	2-Hexanone-d5, S
9.5	Chlorobenzene-d5, I
10.8	1,1,1,2-Tetrachloroethane-d2, S
11.8	1,2,3,4-Tetrachlorobutane-d4, I
12.0	1,2,3,4-Tetrachlorobutane-d4, I
12.2	1,2-Dichlorobenzene-d4, S
14.5	Unlabeled peak



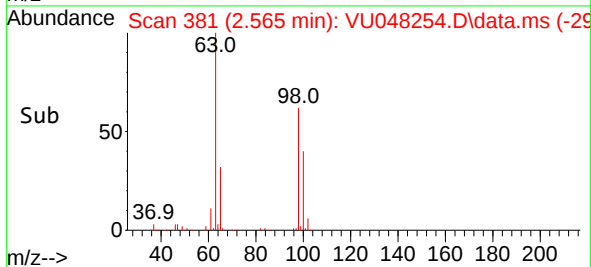
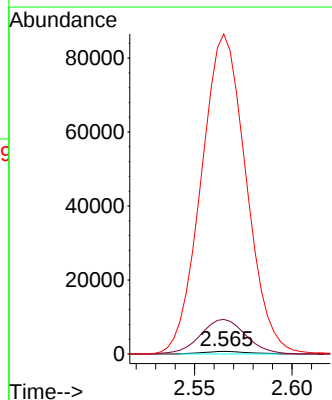
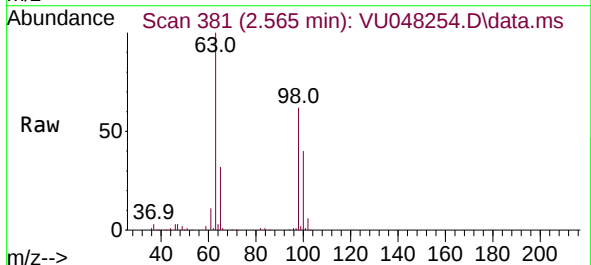
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.593 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU048254.D
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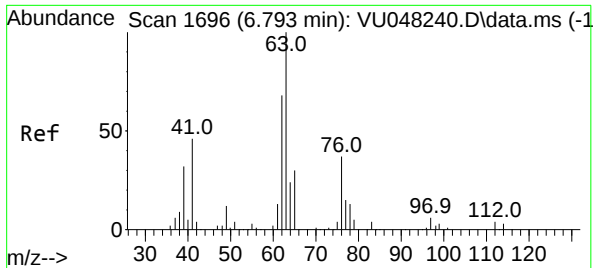
Tgt Ion: 101 Resp: 1299
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.547 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.010 min
 Lab File: VU048254.D
 Acq: 23 Apr 2022 18:24

Tgt Ion: 96 Resp: 1115
 Ion Ratio Lower Upper
 96 100
 61 1346.5 113.1 210.1#
 63 12447.8 94.8 176.0#

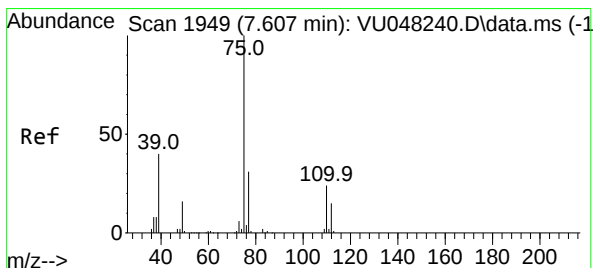
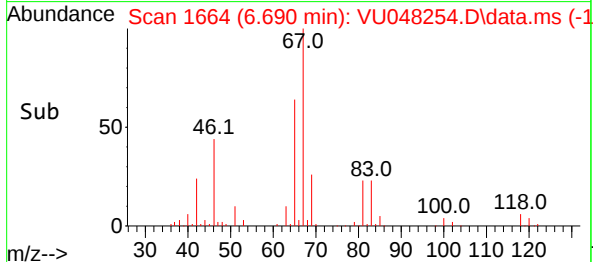
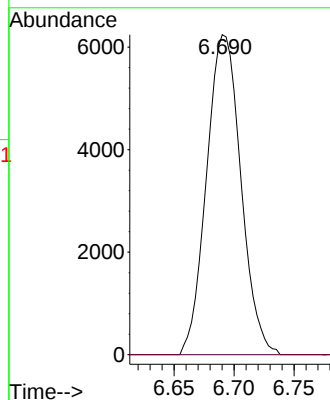
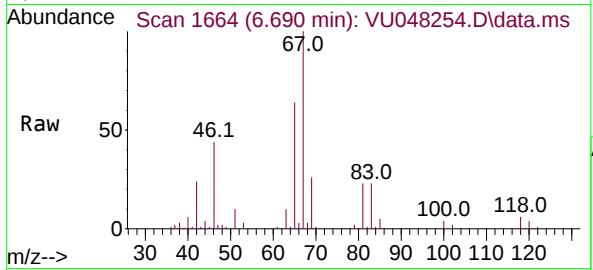




#37

1,2-Dichloropropane
Concen: 5.729 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048254.D
Acq: 23 Apr 2022 18:24

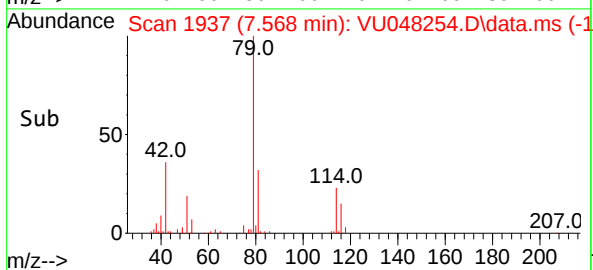
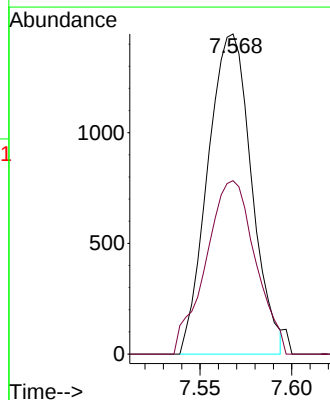
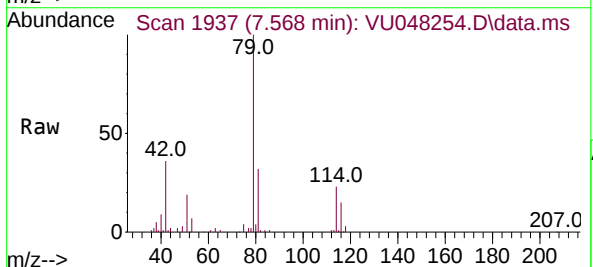
Tgt Ion: 63 Resp: 12437
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

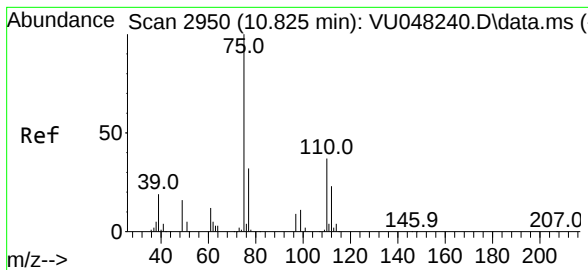


#39

cis-1,3-Dichloropropene
Concen: 0.712 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.039 min
Lab File: VU048254.D
Acq: 23 Apr 2022 18:24

Tgt Ion: 75 Resp: 2397
Ion Ratio Lower Upper
75 100
77 54.1 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.487 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.990 min
 Lab File: VU048254.D
 Acq: 23 Apr 2022 18:24

Tgt Ion:	75	Resp:	14106
Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.0	39.0
110	2.2	31.4	47.2#

