

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051058.D
 Acq On : 01 Oct 2022 01:06
 Operator : JC/MD
 Sample : N4869-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 04:31:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

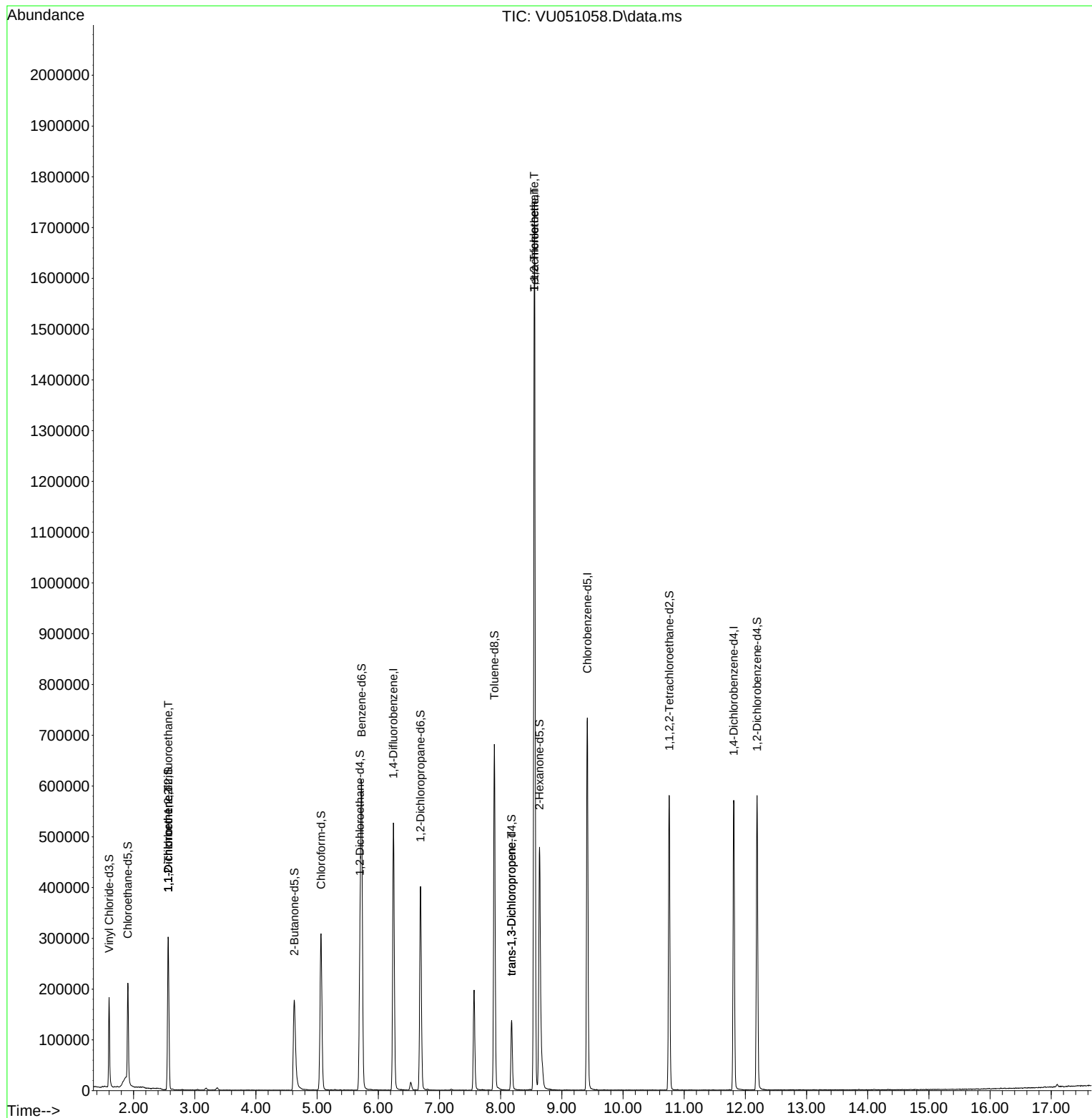
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	412504	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	403064	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	149285	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	133262	31.877	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.760%
7) Chloroethane-d5	1.906	69	136625	35.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.360%
11) 1,1-Dichloroethene-d2	2.565	63	178194	28.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.720%#
21) 2-Butanone-d5	4.626	46	271638	100.183	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.180%
24) Chloroform-d	5.063	84	283253	42.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.100%
26) 1,2-Dichloroethane-d4	5.700	65	189364	45.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
32) Benzene-d6	5.726	84	564966	47.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
36) 1,2-Dichloropropane-d6	6.690	67	193815	50.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.200%
41) Toluene-d8	7.896	98	454357	41.664	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	8.179	79	76787	42.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.060%
47) 2-Hexanone-d5	8.632	63	143237	92.619	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	293271	43.813	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.620%
66) 1,2-Dichlorobenzene-d4	12.192	152	152653	47.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.740%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1624	0.516	ug/L #	24
12) 1,1-Dichloroethene	2.565	96	1434	0.487	ug/L #	1
44) trans-1,3-Dichloropropene	8.179	75	3646	0.769	ug/L	83
45) 1,1,2-Trichloroethane	8.549	97	3108	0.867	ug/L #	1
46) Tetrachloroethene	8.552	164	373089	154.681	ug/L	98

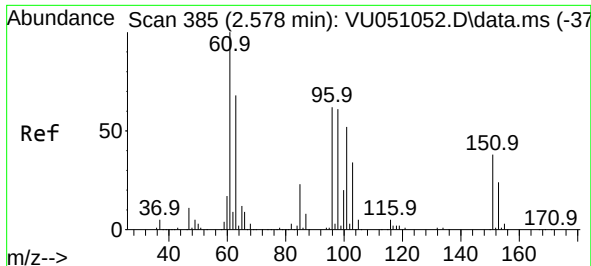
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 01 03:04:59 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.516 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051058.D

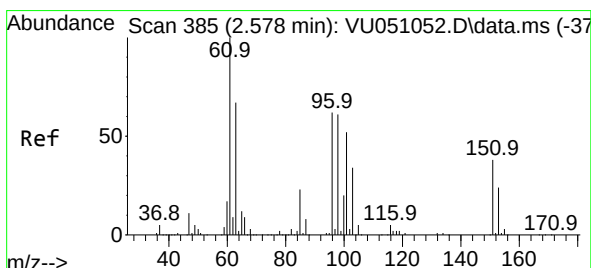
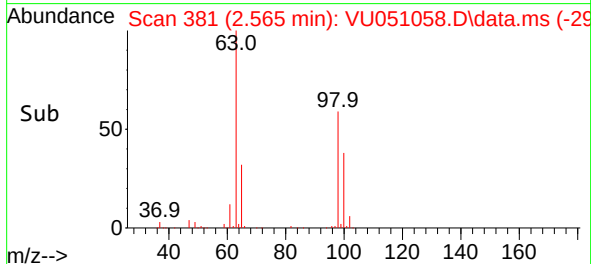
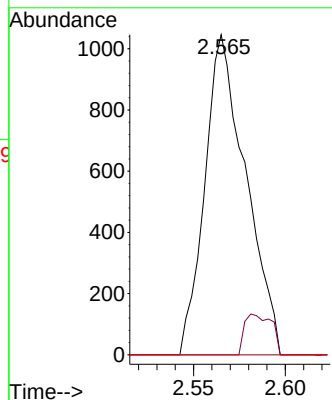
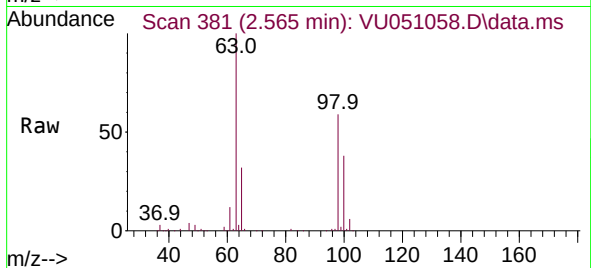
Acq: 01 Oct 2022 01:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1624
Ion	Ratio	Lower Upper
101	100	
85	5.7	34.6 52.0#
151	0.0	58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.487 ug/L

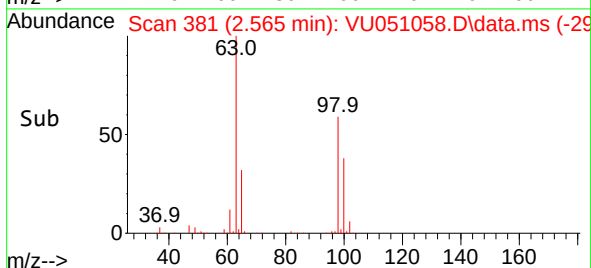
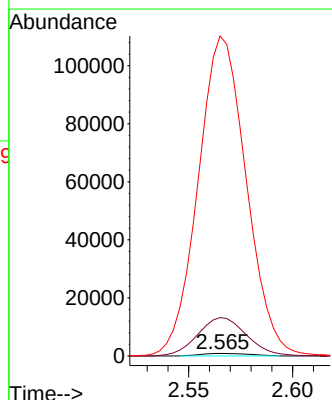
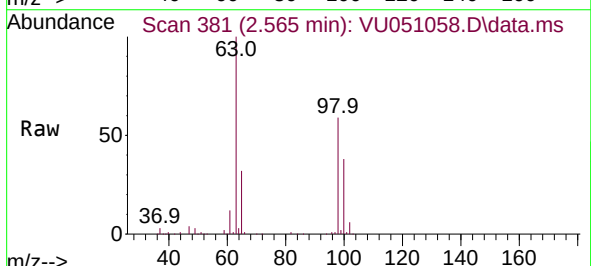
RT: 2.565 min Scan# 381

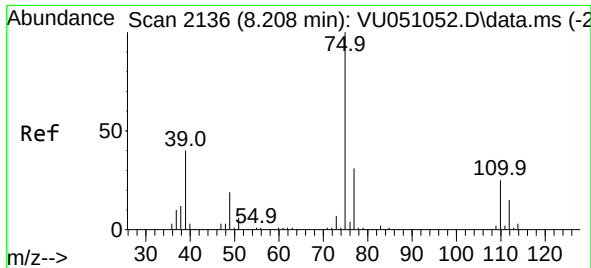
Delta R.T. -0.013 min

Lab File: VU051058.D

Acq: 01 Oct 2022 01:06

Tgt Ion: 96	Resp:	1434
Ion	Ratio	Lower Upper
96	100	
61	1546.1	113.0 209.9#
63	12865.3	91.7 170.3#

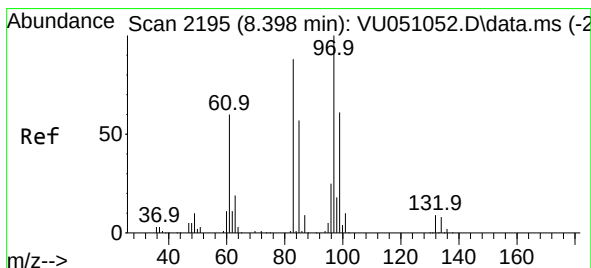
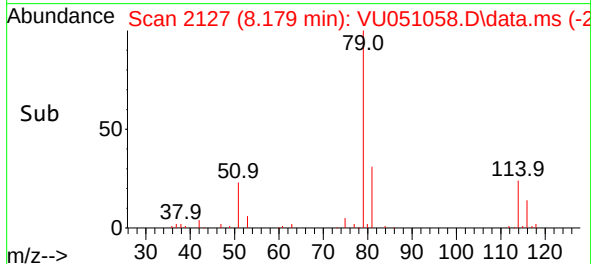
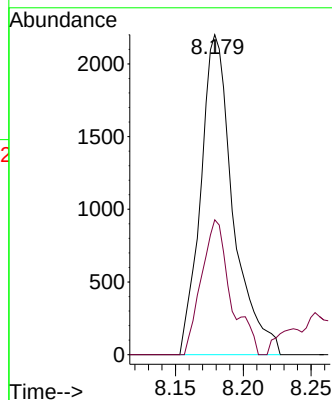
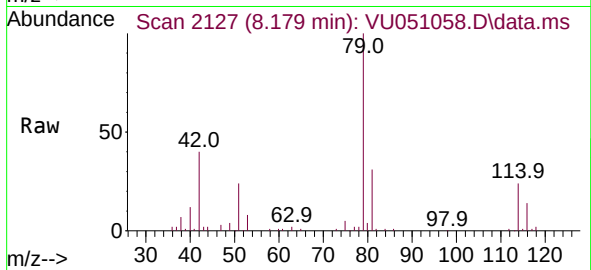




#44
trans-1,3-Dichloropropene
Concen: 0.769 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051058.D
Acq: 01 Oct 2022 01:06

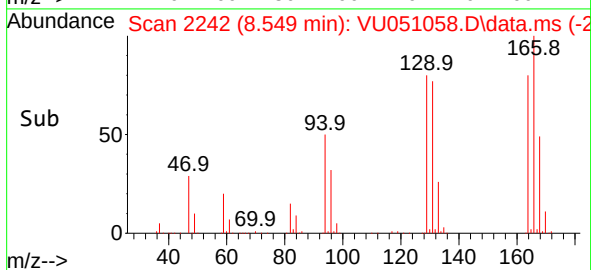
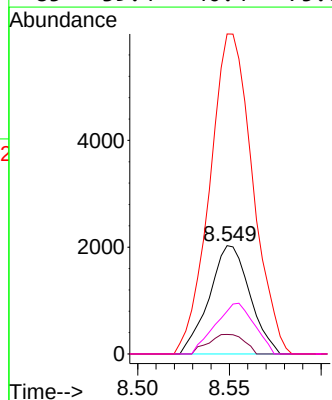
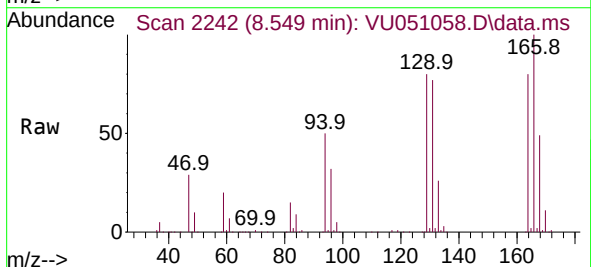
Instrument :
MSVOA_U
ClientSampleId :

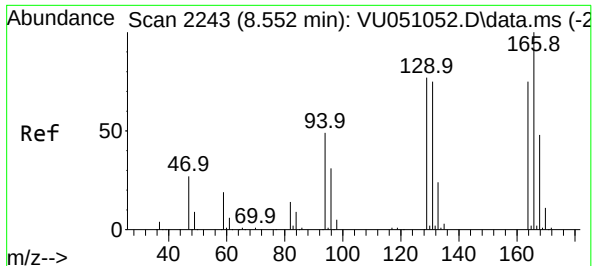
Tgt Ion: 75 Resp: 3646
Ion Ratio Lower Upper
75 100
77 42.2 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 0.867 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.151 min
Lab File: VU051058.D
Acq: 01 Oct 2022 01:06

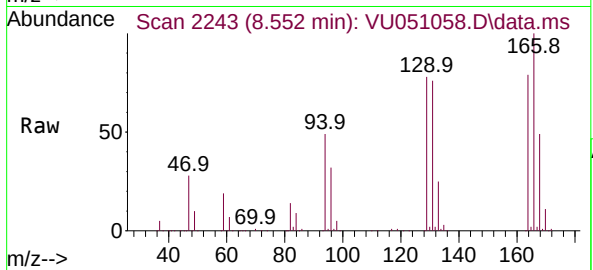
Tgt Ion: 97 Resp: 3108
Ion Ratio Lower Upper
97 100
99 18.0 44.4 82.4#
83 295.2 61.7 114.5#
85 39.4 40.4 75.0#





#46
Tetrachloroethene
Concen: 154.681 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051058.D
Acq: 01 Oct 2022 01:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	164	Resp:	373089
Ion	Ratio	Lower	Upper
164	100		
129	99.5	68.1	126.5
131	96.1	67.8	126.0
166	126.9	90.5	168.1

