

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051128.D
 Acq On : 05 Oct 2022 15:37
 Operator : JC/MD
 Sample : N4853-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 03:04:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

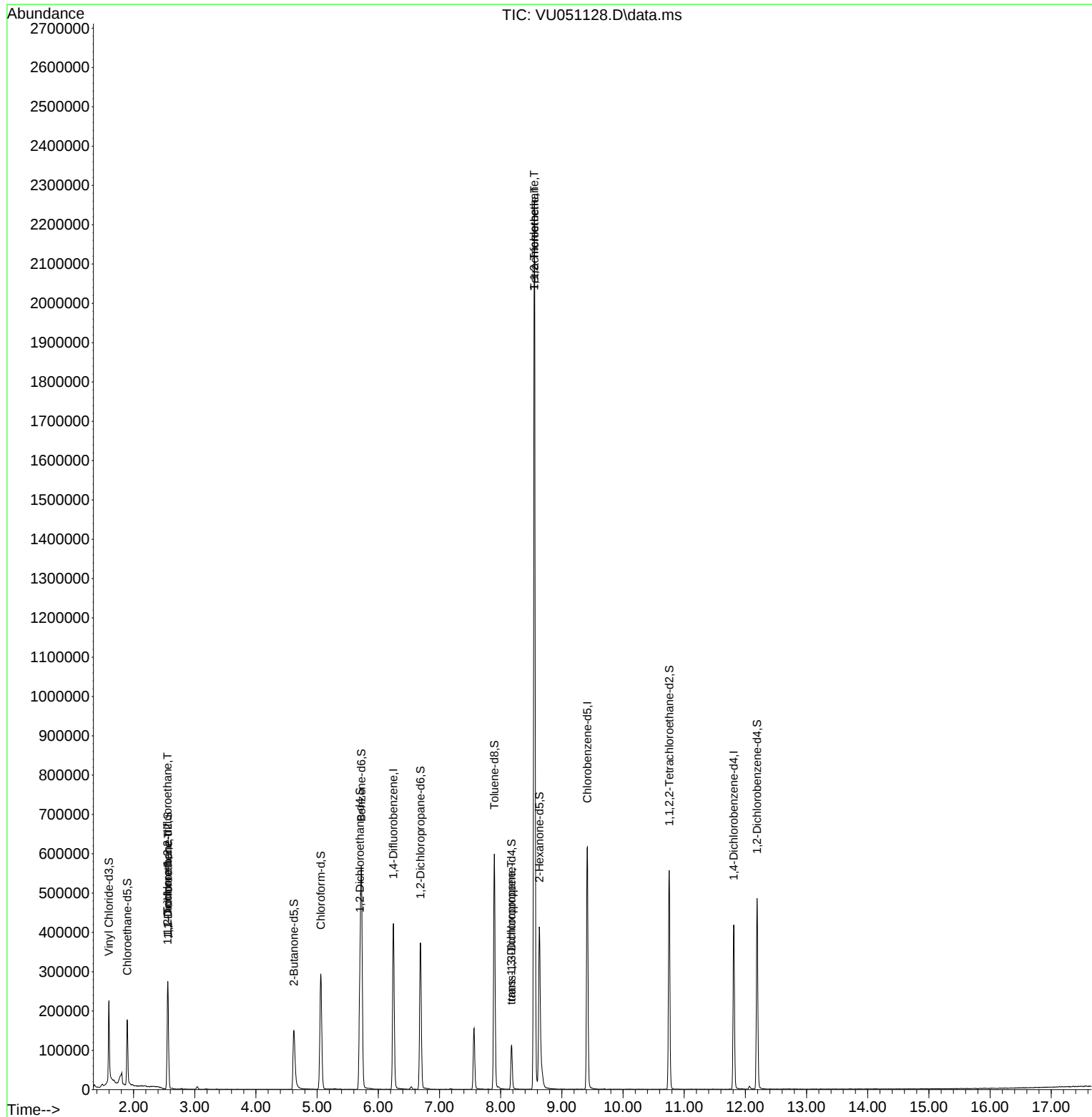
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	330980	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	345743	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111261	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	135399	40.366	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	80.740%	
7) Chloroethane-d5	1.896	69	130113	41.758	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	83.520%	
11) 1,1-Dichloroethene-d2	2.559	63	163252	32.948	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.900%	
21) 2-Butanone-d5	4.620	46	209567	96.328	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	96.330%	
24) Chloroform-d	5.060	84	274187	50.736	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.480%	
26) 1,2-Dichloroethane-d4	5.700	65	178665	53.412	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.820%	
32) Benzene-d6	5.723	84	527753	52.126	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.260%	
36) 1,2-Dichloropropane-d6	6.687	67	183370	55.814	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	111.620%	
41) Toluene-d8	7.896	98	404435	43.235	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.460%	
43) trans-1,3-Dichloroprop...	8.179	79	63295	40.392	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.780%	
47) 2-Hexanone-d5	8.632	63	117632	88.673	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	88.670%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	284640	49.573	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.140%	
66) 1,2-Dichlorobenzene-d4	12.192	152	129173	54.346	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.700%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	1711	0.677	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1431	0.606	ug/L #	1
44) trans-1,3-Dichloropropene	8.173	75	2900	0.713	ug/L	98
45) 1,1,2-Trichloroethane	8.549	97	4209	1.369	ug/L #	1
46) Tetrachloroethene	8.552	164	497115	240.272	ug/L	98

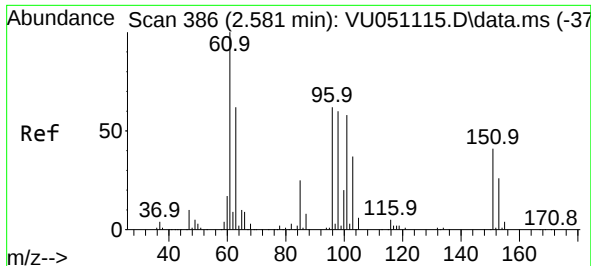
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.677 ug/L

RT: 2.555 min Scan# 31

Delta R.T. -0.026 min

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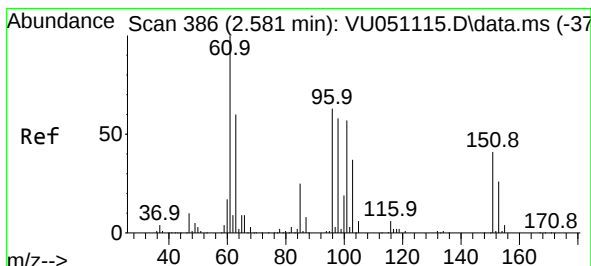
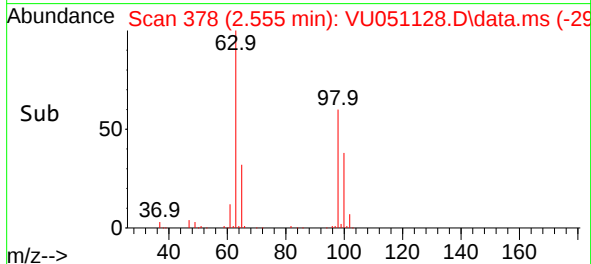
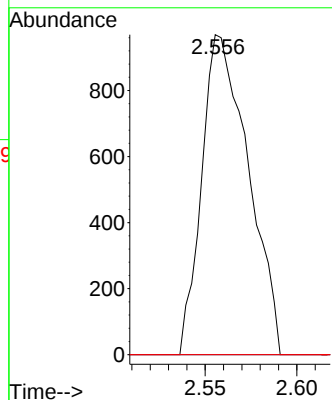
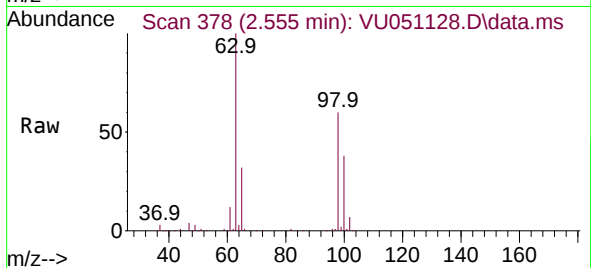
Tgt Ion:101 Resp: 1711

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.606 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.019 min

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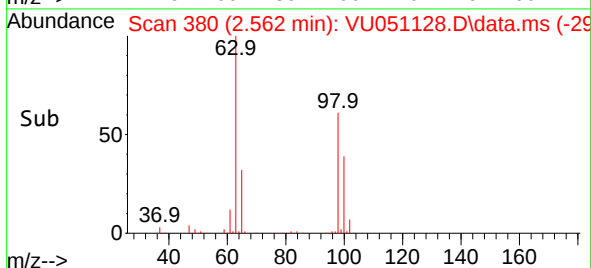
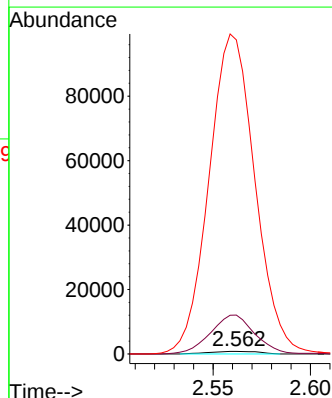
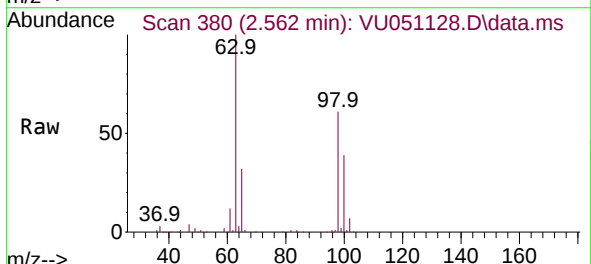
Tgt Ion: 96 Resp: 1431

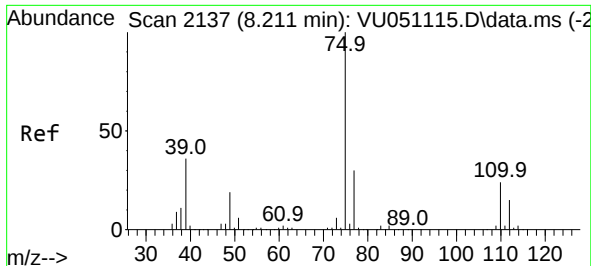
Ion Ratio Lower Upper

96 100

61 1487.3 113.0 209.9#

63 12035.6 91.7 170.3#

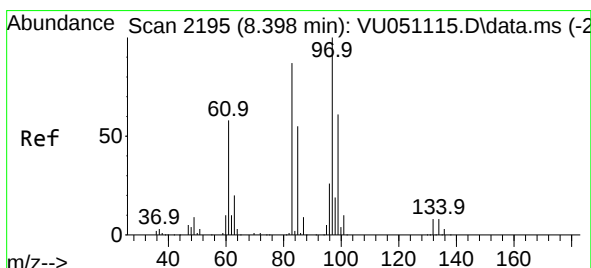
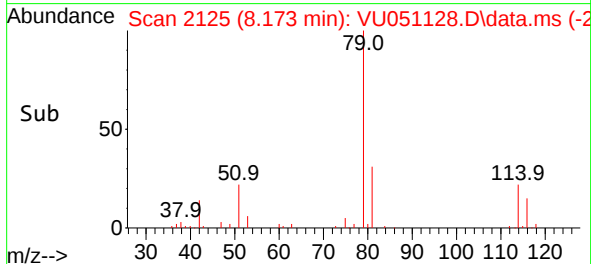
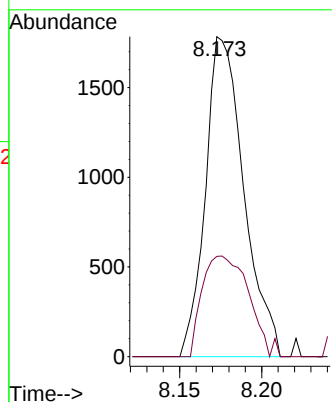
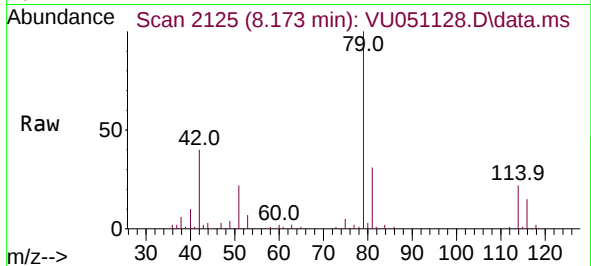




#44
trans-1,3-Dichloropropene
Concen: 0.713 ug/L
RT: 8.173 min Scan# 2137
Delta R.T. -0.039 min
Lab File: VU051128.D
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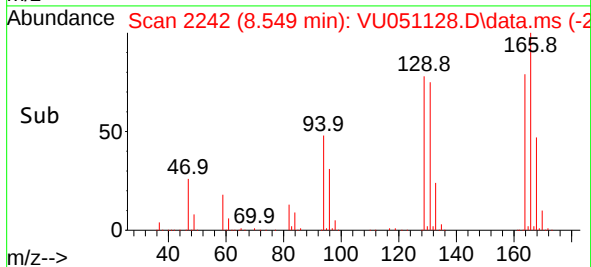
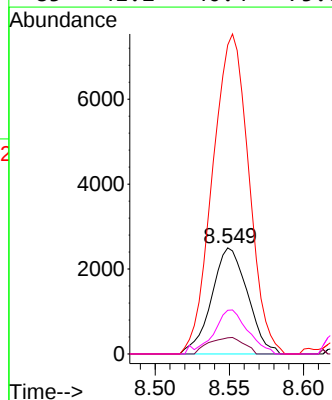
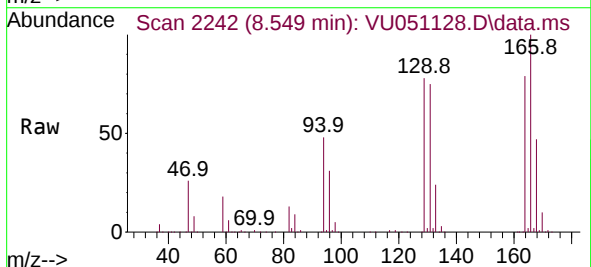
Instrument :
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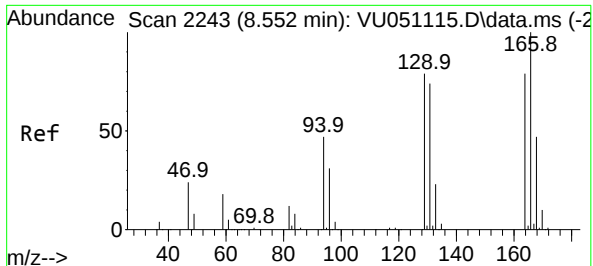
Tgt Ion: 75 Resp: 2900
Ion Ratio Lower Upper
75 100
77 31.3 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 1.369 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.151 min
Lab File: VU051128.D
Acq: 05 Oct 2022 15:37

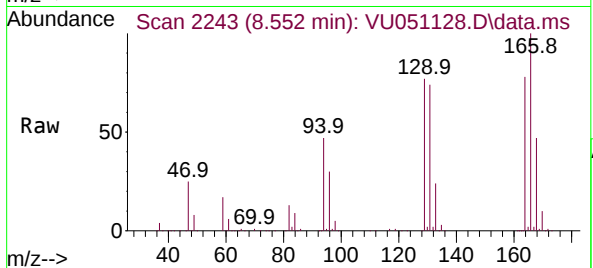
Tgt Ion: 97 Resp: 4209
Ion Ratio Lower Upper
97 100
99 15.2 44.4 82.4#
83 291.4 61.7 114.5#
85 41.2 40.4 75.0





#46
Tetrachloroethene
Concen: 240.272 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051128.D
Acq: 05 Oct 2022 15:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	164	Resp:	497115
Ion	Ratio	Lower	Upper
164	100		
129	98.1	68.1	126.5
131	94.5	67.8	126.0
166	127.7	90.5	168.1

