

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052016.D
 Acq On : 22 Nov 2022 00:07
 Operator : JC/MD
 Sample : N5716-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 01:07:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

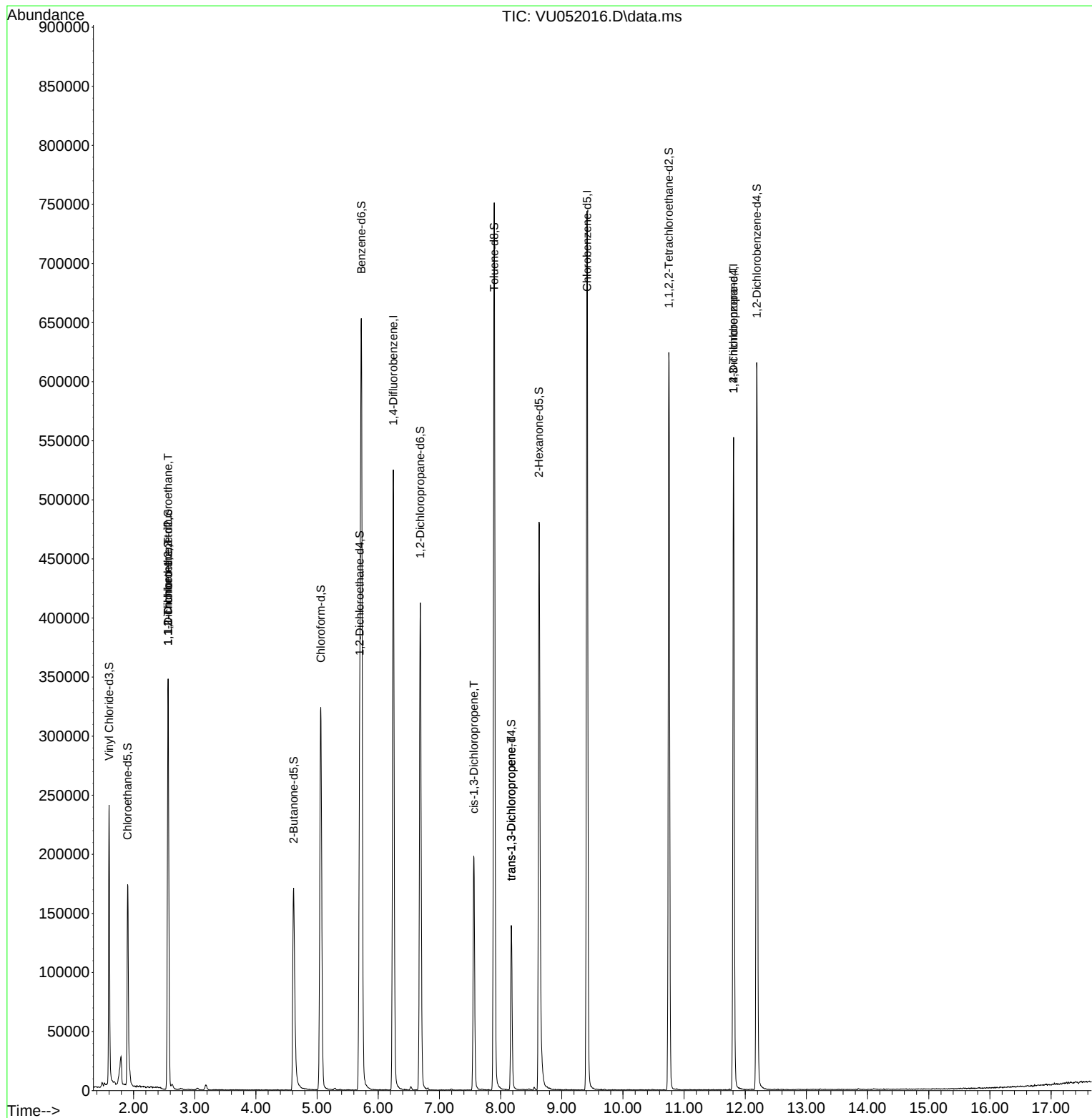
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	431313	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	419977	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	151614	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	175885	47.058	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.120%	
7) Chloroethane-d5	1.903	69	150157	50.727	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.460%	
11) 1,1-Dichloroethene-d2	2.565	63	204302	36.876	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.760%	
21) 2-Butanone-d5	4.617	46	241814	107.662	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	107.660%	
24) Chloroform-d	5.060	84	303034	49.484	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.960%	
26) 1,2-Dichloroethane-d4	5.697	65	189025	51.322	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.640%	
32) Benzene-d6	5.723	84	633009	50.567	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.140%	
36) 1,2-Dichloropropane-d6	6.687	67	206854	51.436	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.880%	
41) Toluene-d8	7.896	98	516862	46.212	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.420%	
43) trans-1,3-Dichloroprop...	8.176	79	80635	47.100	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.200%	
47) 2-Hexanone-d5	8.629	63	165120	105.253	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.250%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	322162	50.636	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.280%	
66) 1,2-Dichlorobenzene-d4	12.189	152	174204	55.562	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.120%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2474	0.946	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1844	0.738	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	4991	1.062	ug/L #	73
44) trans-1,3-Dichloropropene	8.176	75	3129	0.712	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	18264	5.188	ug/L #	68

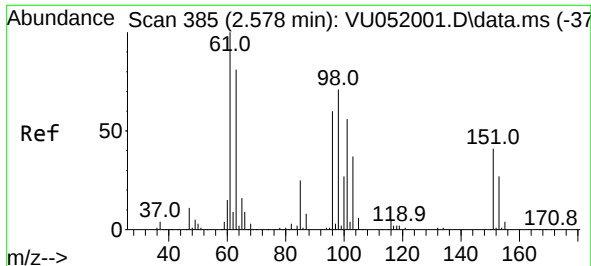
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 22 01:03:12 2022
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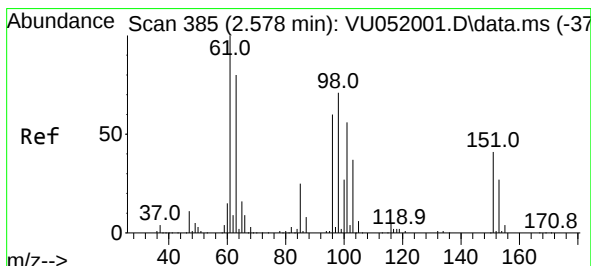
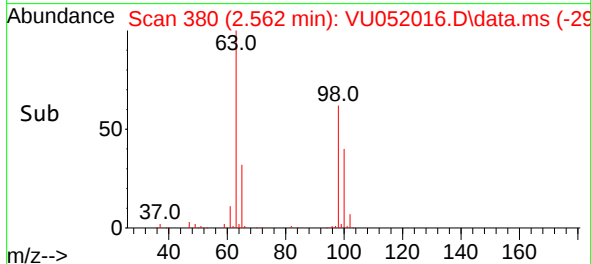
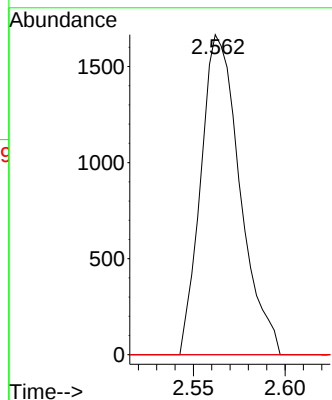
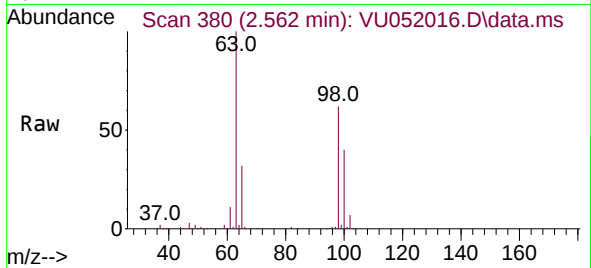




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.946 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU052016.D
 Acq: 22 Nov 2022 00:07

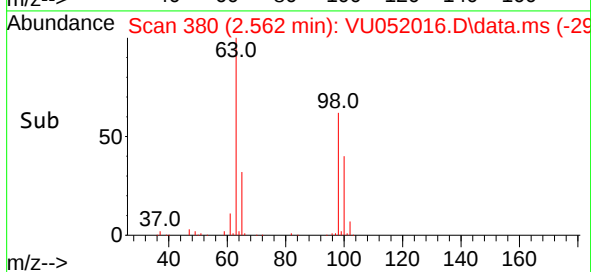
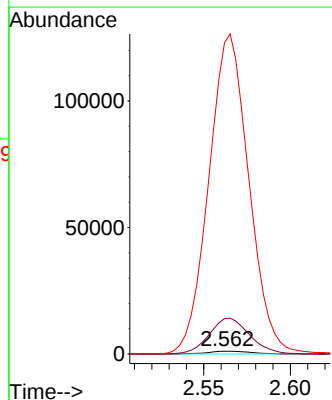
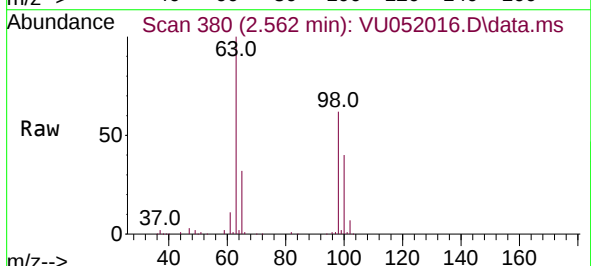
Instrument :
 MSVOA_U
 ClientSampleId :

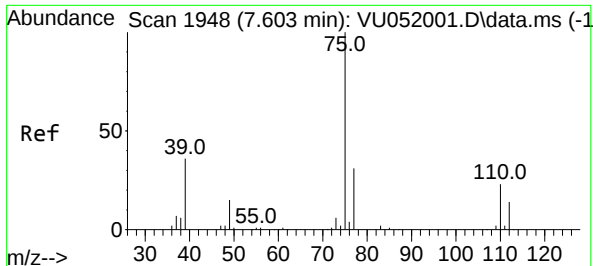
Tgt Ion:101 Resp: 2474
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.6 50.4#
 151 0.0 58.9 88.3#



#12
 1,1-Dichloroethene
 Concen: 0.738 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU052016.D
 Acq: 22 Nov 2022 00:07

Tgt Ion: 96 Resp: 1844
 Ion Ratio Lower Upper
 96 100
 61 1275.7 114.2 212.0#
 63 11233.6 90.9 168.7#





#39

cis-1,3-Dichloropropene

Concen: 1.062 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.038 min

Lab File: VU052016.D

Acq: 22 Nov 2022 00:07

Instrument :

MSVOA_U

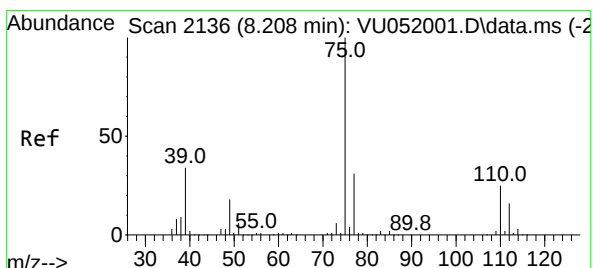
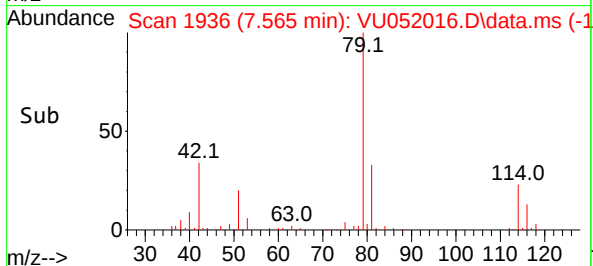
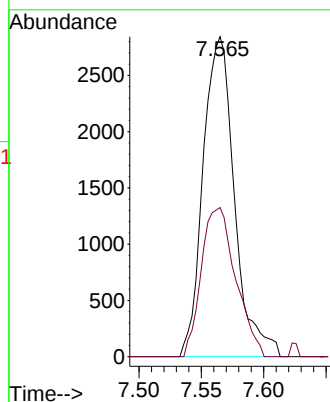
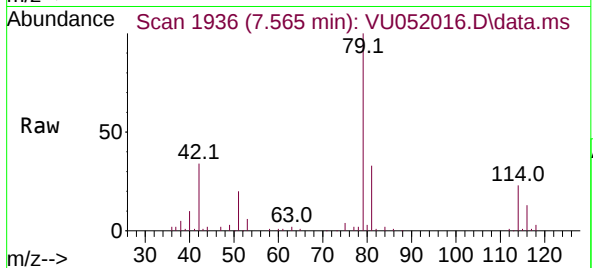
ClientSampleId :

Tgt Ion: 75 Resp: 4991

Ion Ratio Lower Upper

75 100

77 46.6 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.712 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU052016.D

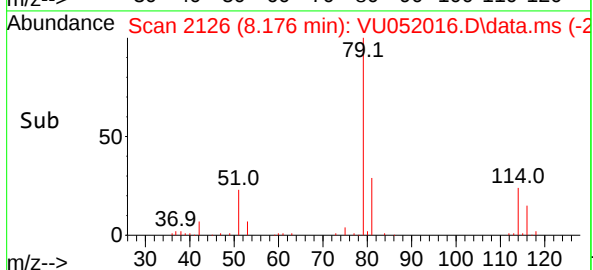
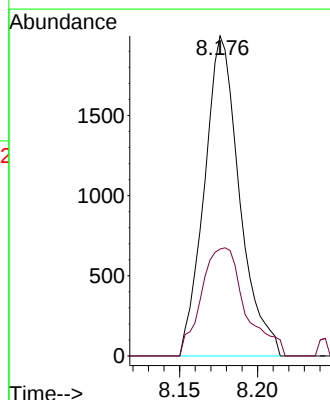
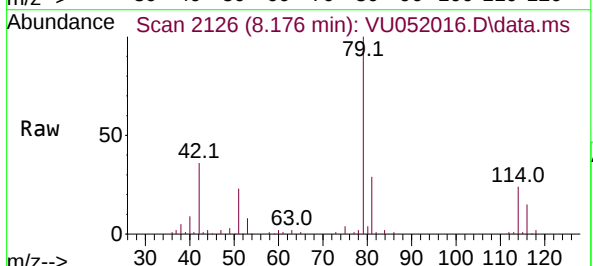
Acq: 22 Nov 2022 00:07

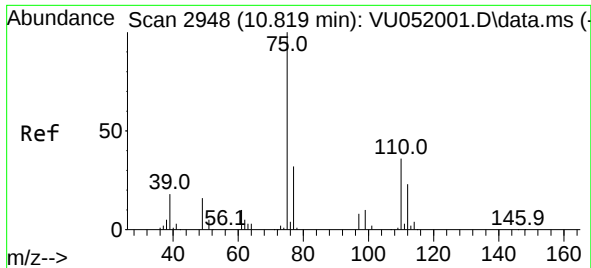
Tgt Ion: 75 Resp: 3129

Ion Ratio Lower Upper

75 100

77 33.4 22.7 42.1





#60
 1,2,3-Trichloropropane
 Concen: 5.188 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052016.D
 Acq: 22 Nov 2022 00:07

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75	Resp:	18264
Ion Ratio	Lower	Upper
75	100	
77	31.7	26.0 39.0
110	0.8	29.0 43.4#

