

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050931.D
 Acq On : 23 Sep 2022 19:52
 Operator : JC/MD
 Sample : N4748-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 00:26:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

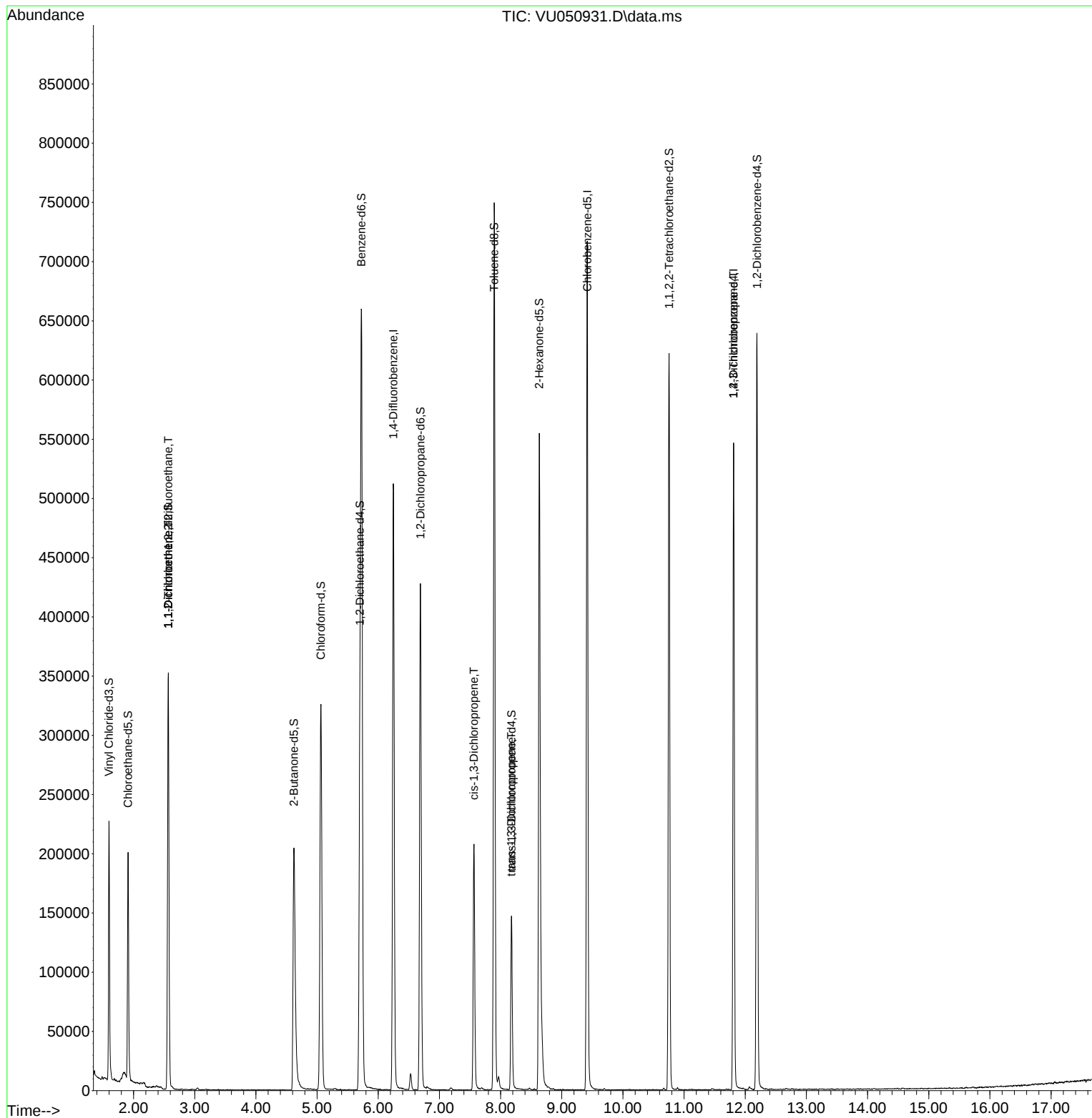
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	402308	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	395141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	143164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	164391	39.440	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.880%	
7) Chloroethane-d5	1.909	69	140961	47.485	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.960%	
11) 1,1-Dichloroethene-d2	2.568	63	205258	31.647	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.300%	
21) 2-Butanone-d5	4.620	46	306622	113.945	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	113.940%	
24) Chloroform-d	5.063	84	309175	47.332	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.660%	
26) 1,2-Dichloroethane-d4	5.700	65	203516	50.556	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.120%	
32) Benzene-d6	5.726	84	606502	46.600	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.690	67	209833	47.763	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.520%	
41) Toluene-d8	7.896	98	492180	43.262	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.520%	
43) trans-1,3-Dichloroprop...	8.179	79	83455	43.667	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.340%	
47) 2-Hexanone-d5	8.632	63	169316	93.522	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.520%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	319453	47.695	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.380%	
66) 1,2-Dichlorobenzene-d4	12.192	152	160813	53.649	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.300%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1875	0.570	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1700	0.550	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	5104	0.959	ug/L #	69
44) trans-1,3-Dichloropropene	8.176	75	3555	0.702	ug/L #	75
60) 1,2,3-Trichloropropane	11.809	75	17828	4.427	ug/L #	68

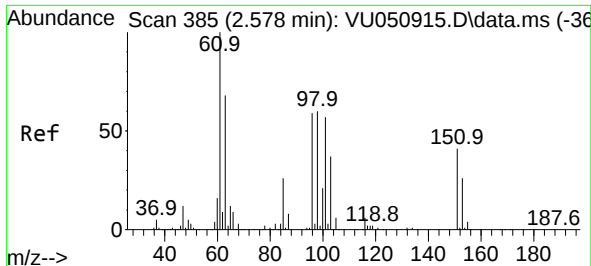
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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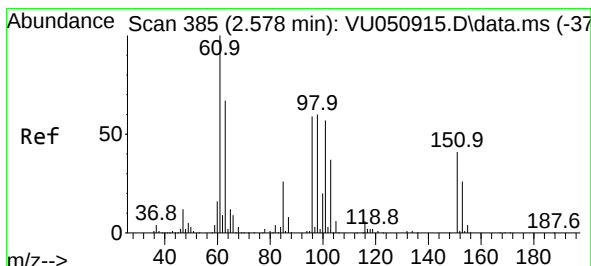
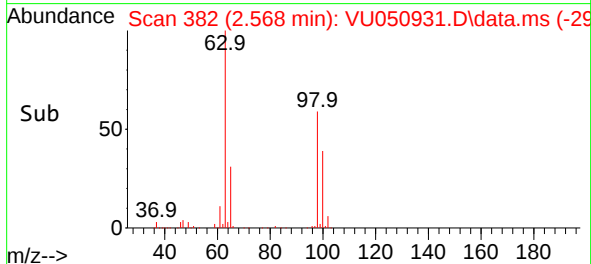
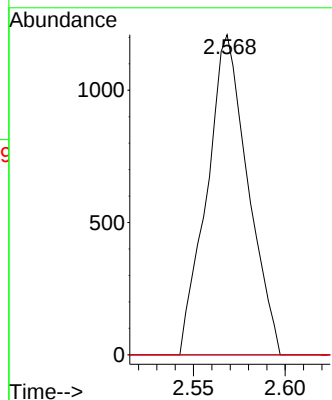
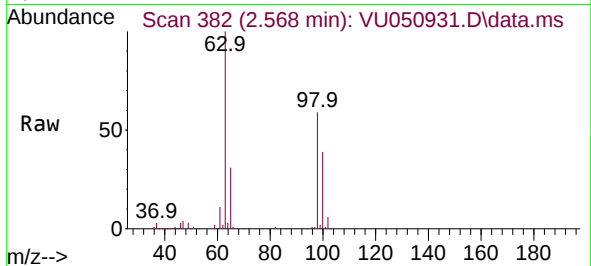




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.570 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU050931.D
 Acq: 23 Sep 2022 19:52

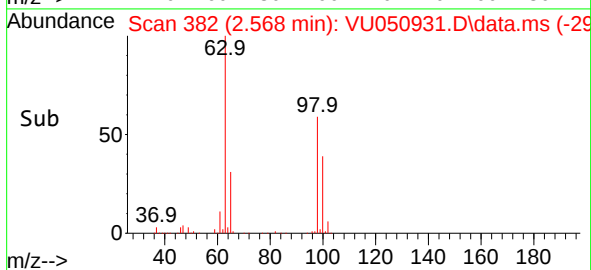
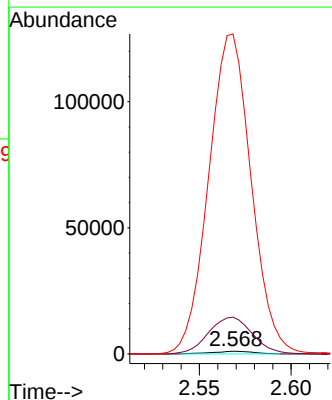
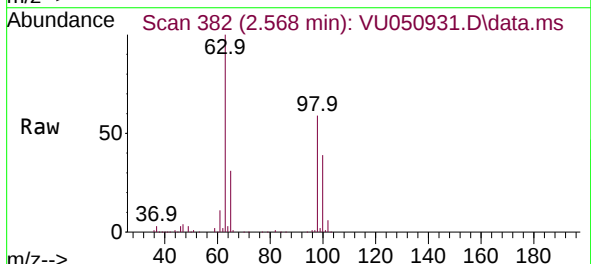
Instrument :
 MSVOA_U
 ClientSampleId :

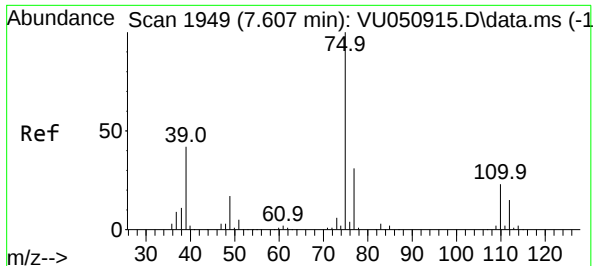
Tgt Ion:101 Resp: 1875
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 0.550 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU050931.D
 Acq: 23 Sep 2022 19:52

Tgt Ion: 96 Resp: 1700
 Ion Ratio Lower Upper
 96 100
 61 1360.7 118.6 220.2#
 63 11854.2 90.4 168.0#





#39

cis-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050931.D

Acq: 23 Sep 2022 19:52

Instrument :

MSVOA_U

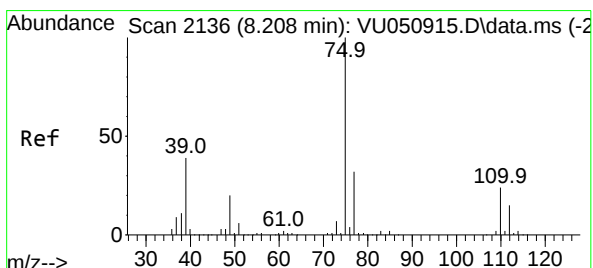
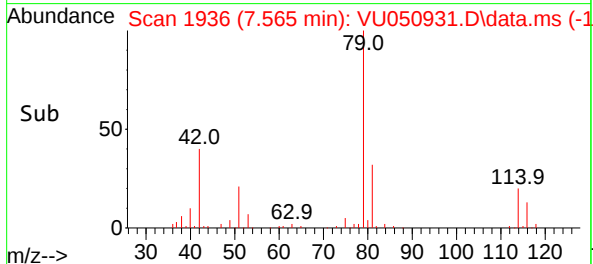
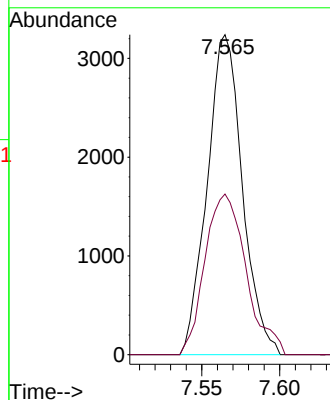
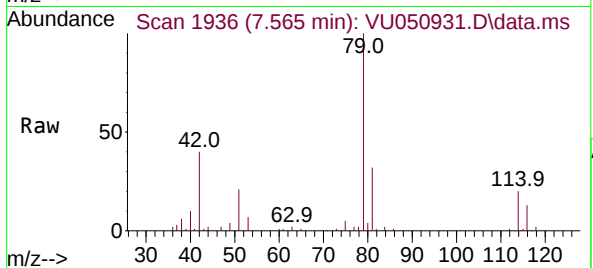
ClientSampleId :

Tgt Ion: 75 Resp: 5104

Ion Ratio Lower Upper

75 100

77 50.2 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU050931.D

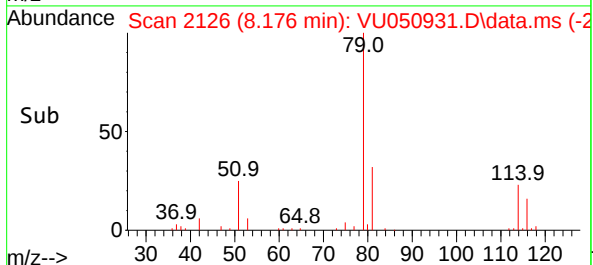
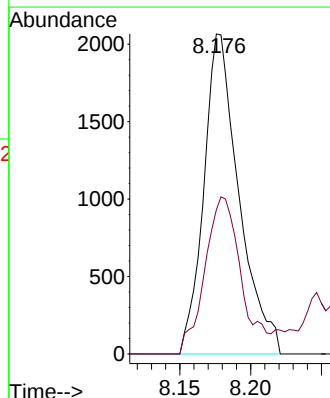
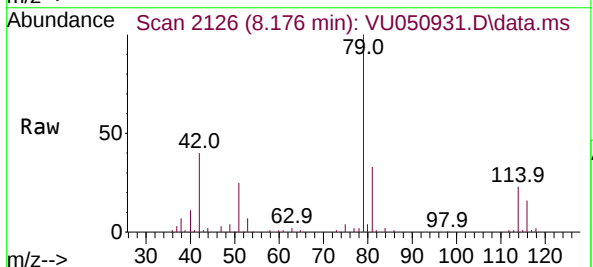
Acq: 23 Sep 2022 19:52

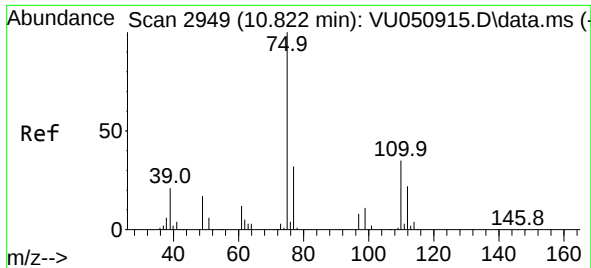
Tgt Ion: 75 Resp: 3555

Ion Ratio Lower Upper

75 100

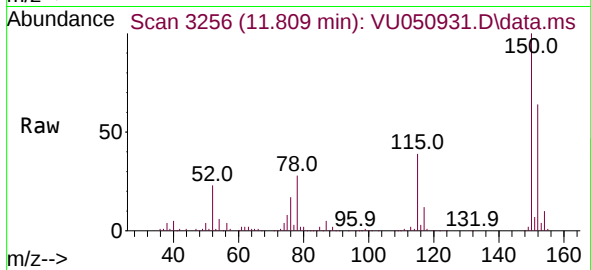
77 45.1 21.9 40.7#





#60
 1,2,3-Trichloropropane
 Concen: 4.427 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050931.D
 Acq: 23 Sep 2022 19:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.2	39.4
110	1.6	28.6	43.0

