

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021423\
 Data File : VU053100.D
 Acq On : 14 Feb 2023 17:38
 Operator : JC/MD
 Sample : 01488-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C1160

Quant Time: Feb 15 00:54:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 15 00:41:46 2023
 Response via : Initial Calibration

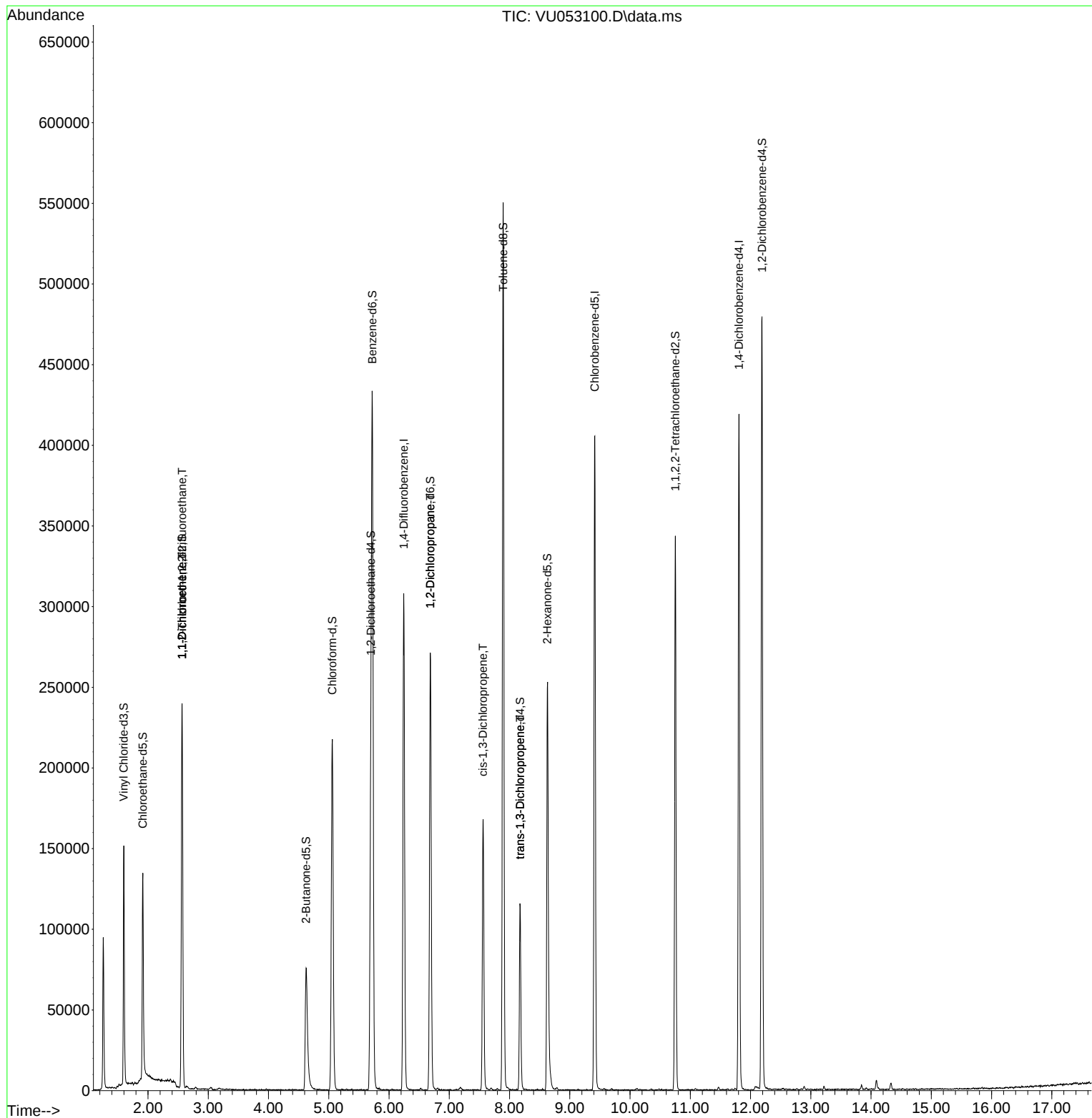
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	247916	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	221332	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104526	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	106221	46.641	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	93.280%	
7) Chloroethane-d5	1.913	69	93132	48.317	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	96.640%	
11) 1,1-Dichloroethene-d2	2.566	63	140977	36.089	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.180%	
21) 2-Butanone-d5	4.624	46	120253	101.031	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.030%	
24) Chloroform-d	5.058	84	194382	48.383	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.760%	
26) 1,2-Dichloroethane-d4	5.698	65	125240	49.021	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.040%	
32) Benzene-d6	5.723	84	409397	51.850	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.700%	
36) 1,2-Dichloropropane-d6	6.685	67	132055	51.195	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.400%	
41) Toluene-d8	7.894	98	367721	50.298	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.600%	
43) trans-1,3-Dichloroprop...	8.173	79	65022	49.495	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	98.980%	
47) 2-Hexanone-d5	8.627	63	91131	102.275	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	102.280%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	169434	49.353	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.700%	
66) 1,2-Dichlorobenzene-d4	12.189	152	118207	50.870	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.740%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	1473	0.765	ug/L #	27
12) 1,1-Dichloroethene	2.566	96	1095	0.601	ug/L #	1
37) 1,2-Dichloropropane	6.685	63	14679	6.837	ug/L #	90
39) cis-1,3-Dichloropropene	7.559	75	4209	1.194	ug/L #	73
44) trans-1,3-Dichloropropene	8.173	75	3315	1.015	ug/L #	73

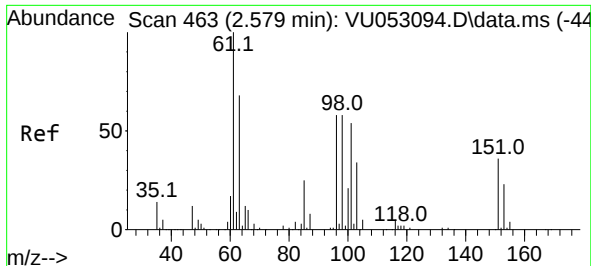
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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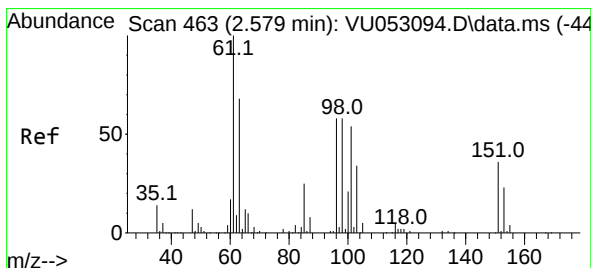
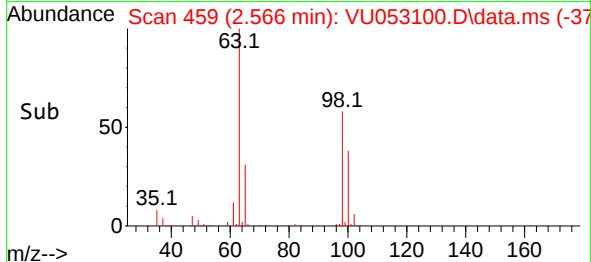
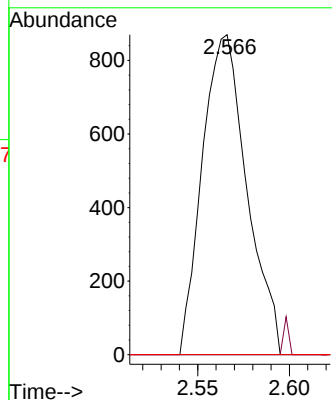
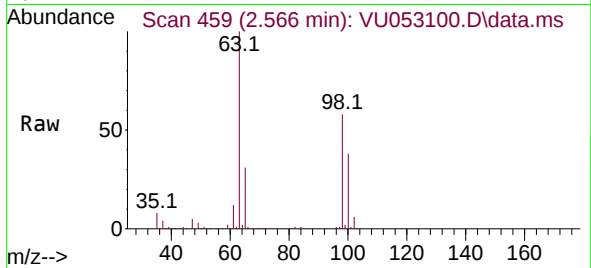




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.765 ug/L
 RT: 2.566 min Scan# 410
 Delta R.T. -0.013 min
 Lab File: VU053100.D
 Acq: 14 Feb 2023 17:38

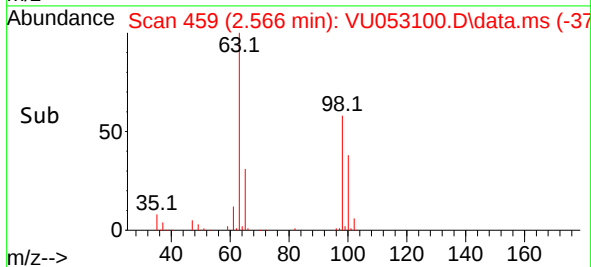
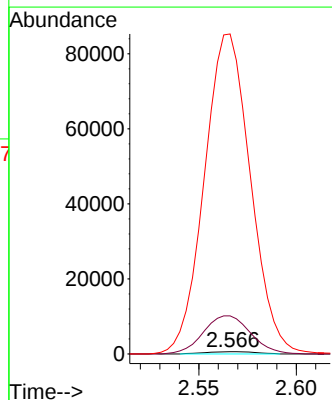
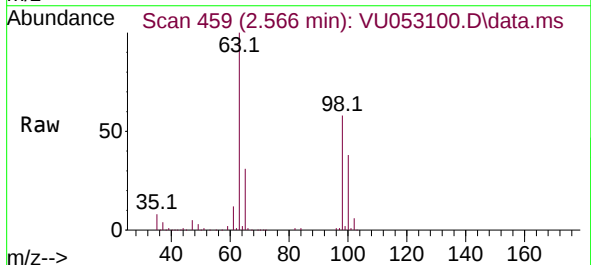
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 C1160

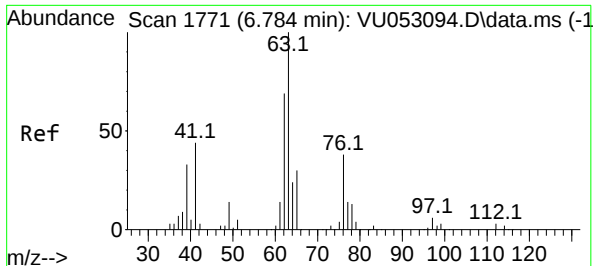
Tgt Ion:101 Resp: 1473
 Ion Ratio Lower Upper
 101 100
 85 6.9 36.6 54.8#
 151 0.0 52.6 79.0#



#12
 1,1-Dichloroethene
 Concen: 0.601 ug/L
 RT: 2.566 min Scan# 459
 Delta R.T. -0.013 min
 Lab File: VU053100.D
 Acq: 14 Feb 2023 17:38

Tgt Ion: 96 Resp: 1095
 Ion Ratio Lower Upper
 96 100
 61 1718.8 121.9 226.3#
 63 14429.8 84.2 156.4#





#37

1,2-Dichloropropane

Concen: 6.837 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053100.D

Acq: 14 Feb 2023 17:38

Instrument :

MSVOA_U

ClientSampleId :

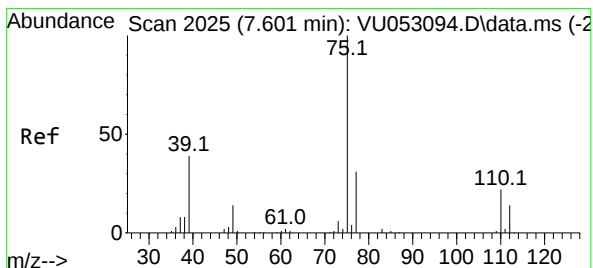
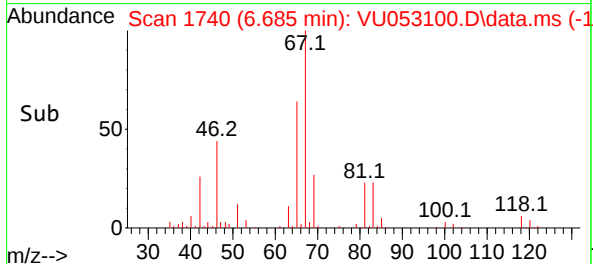
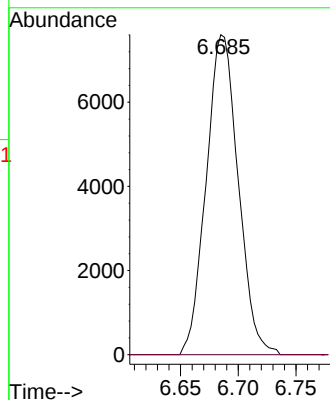
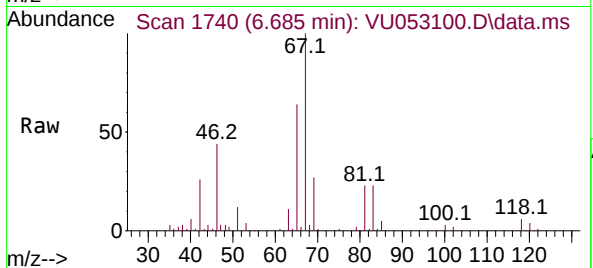
C1160

Tgt Ion: 63 Resp: 14679

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#39

cis-1,3-Dichloropropene

Concen: 1.194 ug/L

RT: 7.559 min Scan# 2012

Delta R.T. -0.042 min

Lab File: VU053100.D

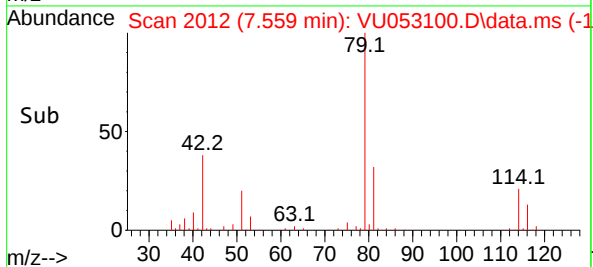
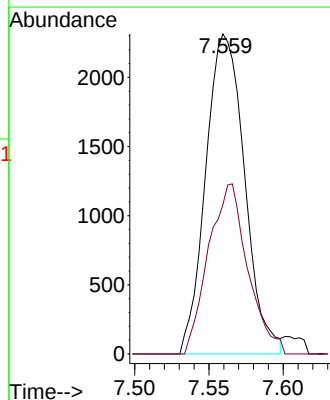
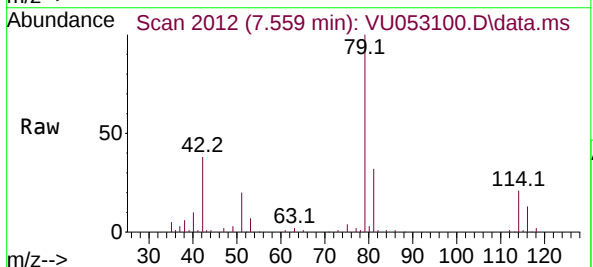
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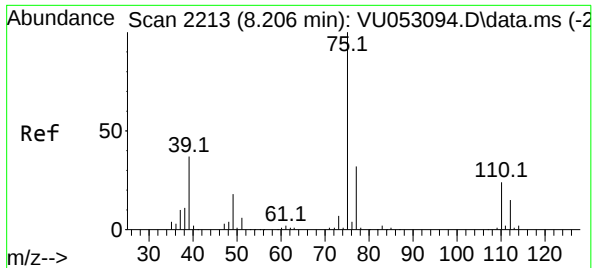
Tgt Ion: 75 Resp: 4209

Ion Ratio Lower Upper

75 100

77 46.7 22.2 41.2#





#44
 trans-1,3-Dichloropropene
 Concen: 1.015 ug/L
 RT: 8.173 min Scan# 21
 Delta R.T. -0.033 min
 Lab File: VU053100.D
 Acq: 14 Feb 2023 17:38

Instrument :
 MSVOA_U
 ClientSampleId :
 C1160

Tgt Ion: 75 Resp: 3315
 Ion Ratio Lower Upper
 75 100
 77 46.6 22.2 41.2#

