

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051322\
 Data File : VU048557.D
 Acq On : 13 May 2022 11:59
 Operator : SY/MD
 Sample : N2790-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: May 14 04:15:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 14 04:14:40 2022
 Response via : Initial Calibration

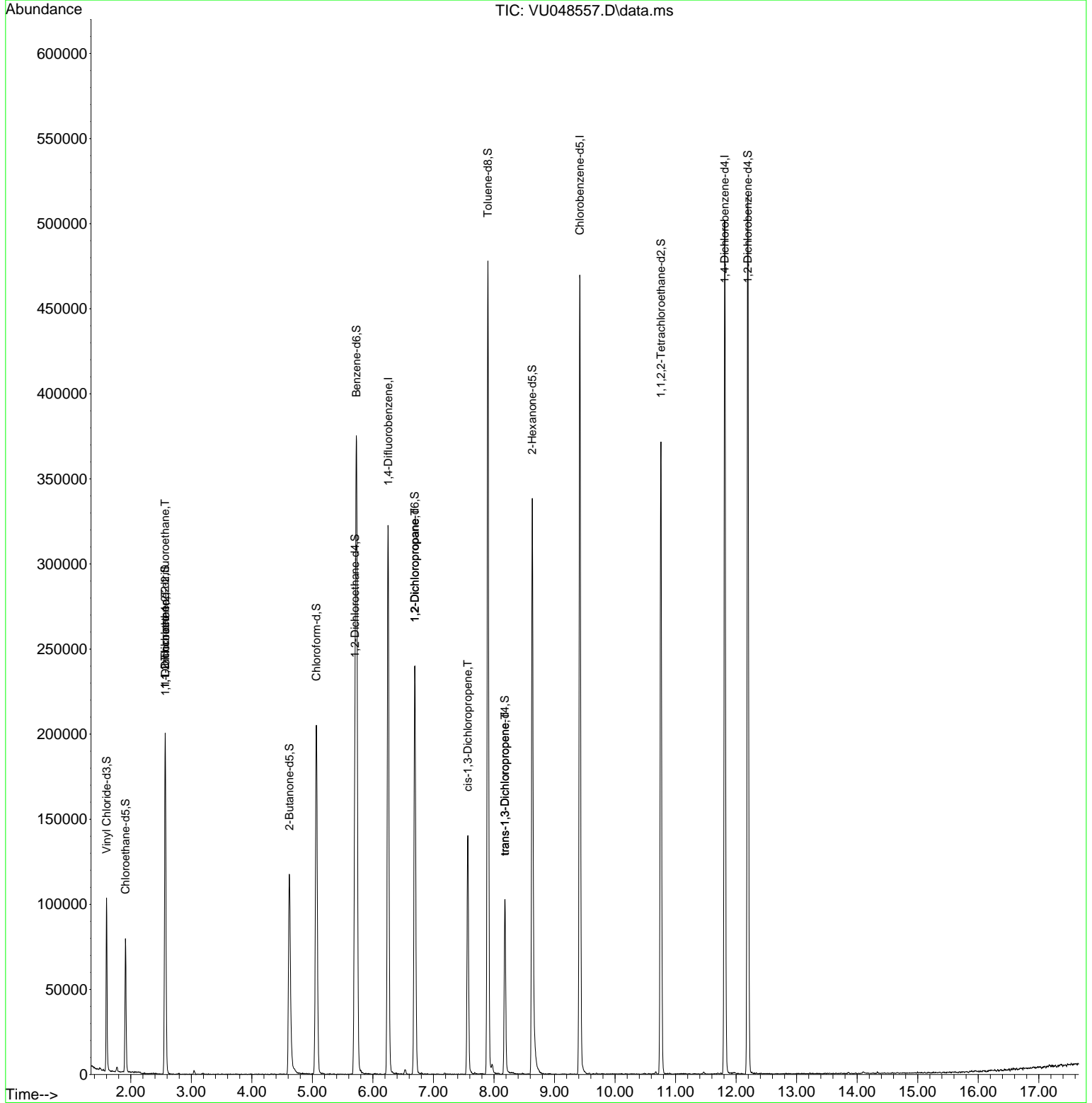
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	259332	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	264522	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	134894	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69809	31.256	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery =	62.520%		
7) Chloroethane-d5	1.912	69	55370	37.987	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery =	75.980%		
11) 1,1-Dichloroethene-d2	2.568	63	117648	29.598	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	59.200%#		
21) 2-Butanone-d5	4.620	46	163796	86.115	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery =	86.120%		
24) Chloroform-d	5.067	84	192818	49.705	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	99.400%		
26) 1,2-Dichloroethane-d4	5.703	65	138124	54.774	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	109.540%		
32) Benzene-d6	5.729	84	345679	43.004	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	86.000%		
36) 1,2-Dichloropropane-d6	6.690	67	108495	41.390	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery =	82.780%		
41) Toluene-d8	7.899	98	314165	44.192	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	88.380%		
43) trans-1,3-Dichloroprop...	8.179	79	59167	49.041	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	98.080%		
47) 2-Hexanone-d5	8.632	63	115525	91.057	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery =	91.060%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	177333	44.413	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery =	88.820%		
66) 1,2-Dichlorobenzene-d4	12.195	152	138626	51.898	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	103.800%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1033	0.537	ug/L #	19
12) 1,1-Dichloroethene	2.572	96	920	0.506	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	13336	5.246	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3843	1.063	ug/L #	76
44) trans-1,3-Dichloropropene	8.182	75	2742	0.780	ug/L	97

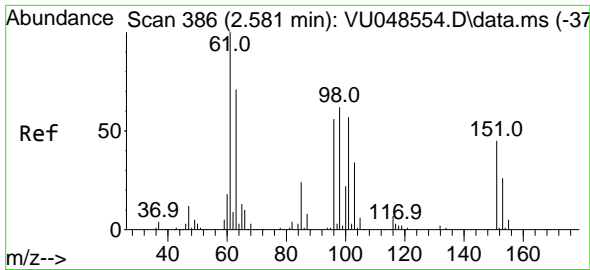
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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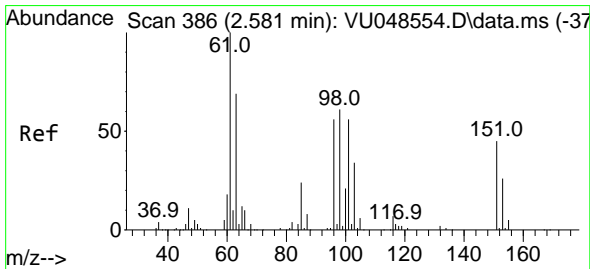
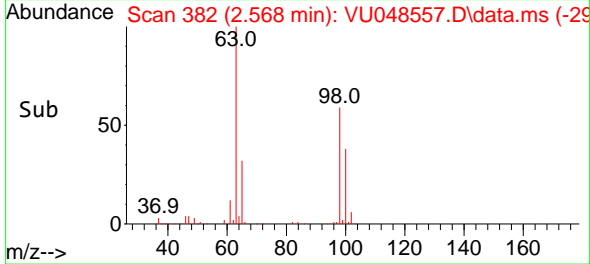
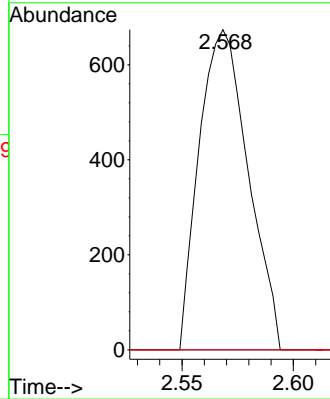
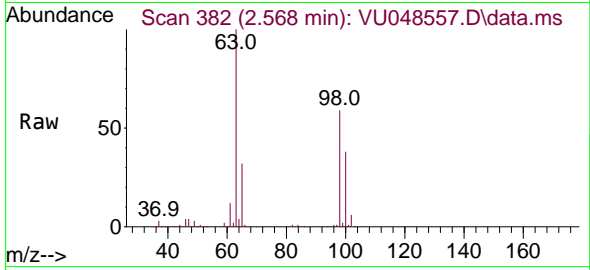




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.537 ug/L
 RT: 2.568 min Scan# 311
 Delta R.T. -0.013 min
 Lab File: VU048557.D
 Acq: 13 May 2022 11:59

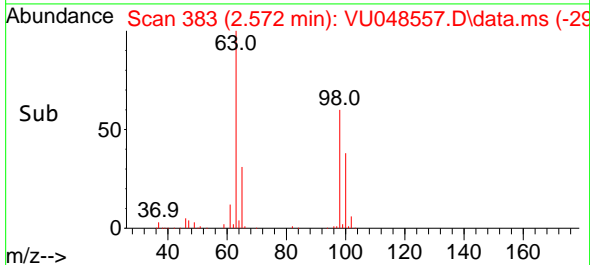
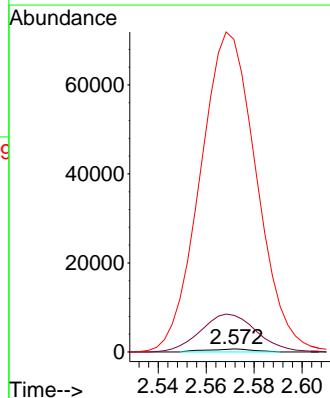
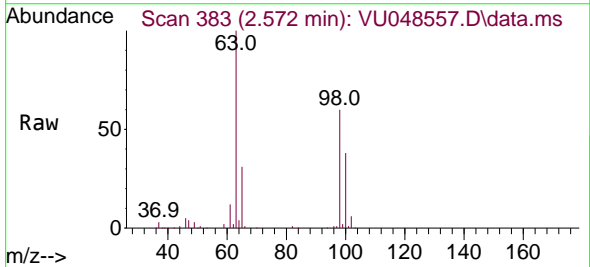
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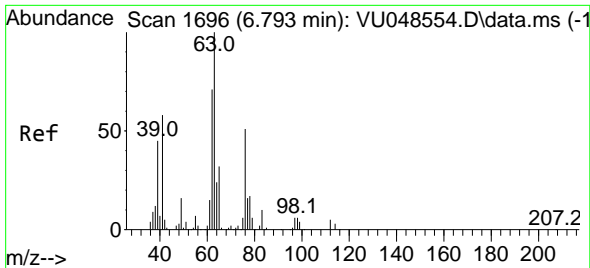
Tgt Ion:101 Resp: 1033
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 60.7 91.1#



#12
 1,1-Dichloroethene
 Concen: 0.506 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048557.D
 Acq: 13 May 2022 11:59

Tgt Ion: 96 Resp: 920
 Ion Ratio Lower Upper
 96 100
 61 1226.5 124.5 231.3#
 63 10450.0 92.5 171.9#

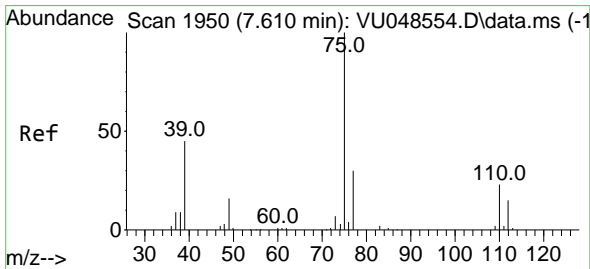
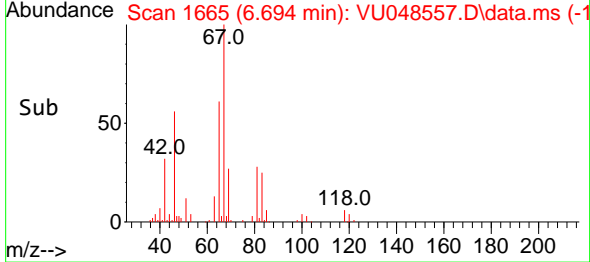
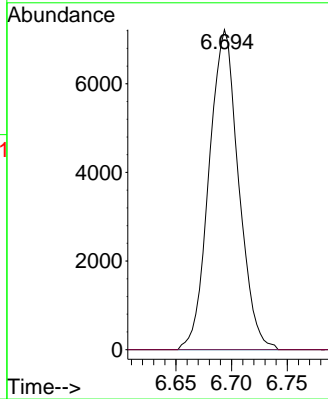
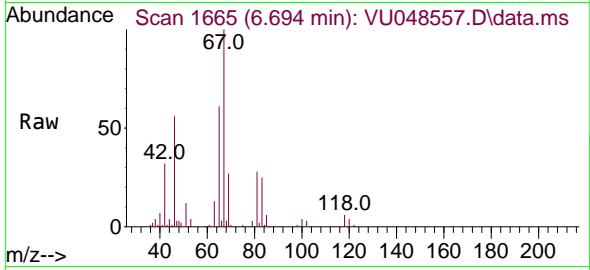




#37
 1,2-Dichloropropane
 Concen: 5.246 ug/L
 RT: 6.694 min Scan# 1
 Delta R.T. -0.100 min
 Lab File: VU048557.D
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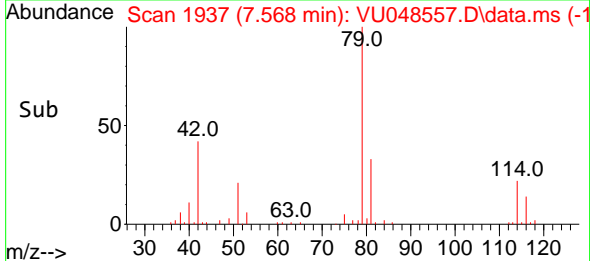
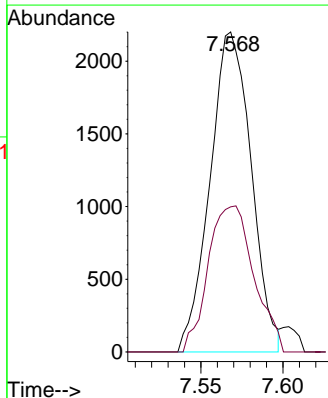
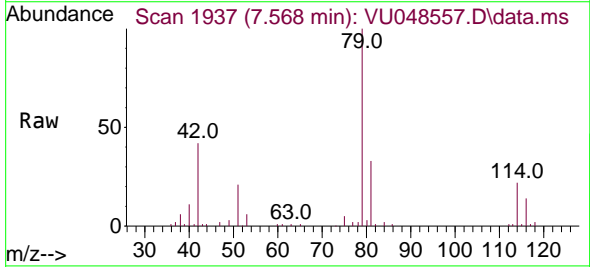
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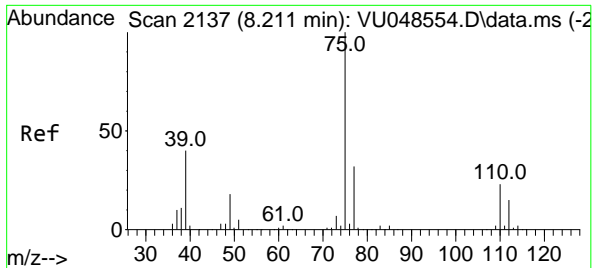
Tgt Ion: 63 Resp: 13336
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.063 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.042 min
 Lab File: VU048557.D
 Acq: 13 May 2022 11:59

Tgt Ion: 75 Resp: 3843
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.5 41.9#





#44
 trans-1,3-Dichloropropene
 Concen: 0.780 ug/L
 RT: 8.182 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VU048557.D
 Acq: 13 May 2022 11:59

Instrument : MSVOA_U
 ClientSampleId : VHBLK001

Tgt Ion: 75 Resp: 2742

Ion	Ratio	Lower	Upper
75	100		
77	33.9	22.6	42.0

