

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050923\
 Data File : VU054119.D
 Acq On : 09 May 2023 12:23
 Operator : JC/MD
 Sample : 02689-24
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JREQ3

Quant Time: May 10 04:34:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

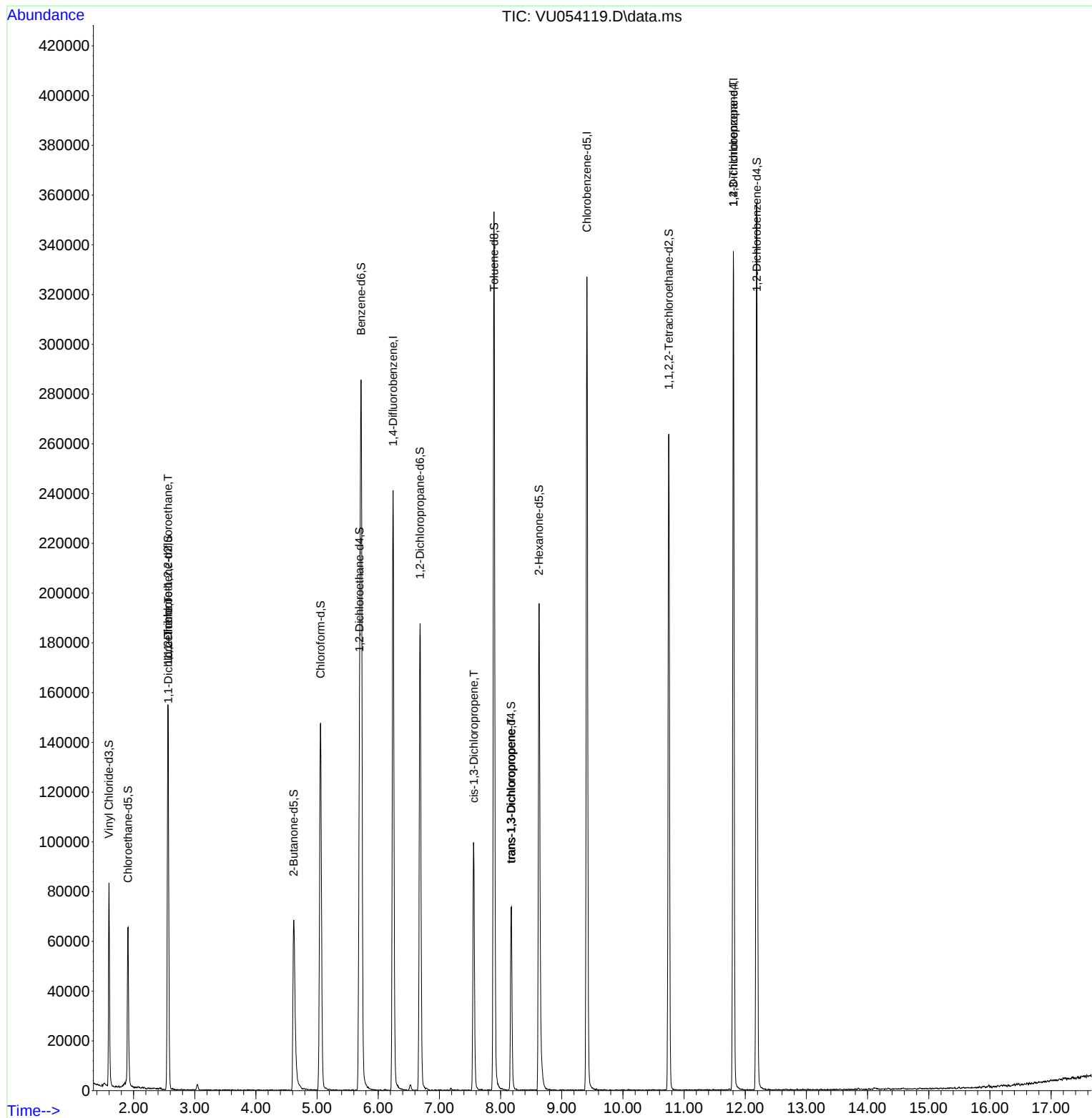
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	198295	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	190845	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	92641	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62024	41.357	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.720%		
7) Chloroethane-d5	1.909	69	48828	49.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.200%		
11) 1,1-Dichloroethene-d2	2.562	63	93453	35.133	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.260%		
21) 2-Butanone-d5	4.616	46	105823	123.719	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.720%		
24) Chloroform-d	5.057	84	141969	51.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.080%		
26) 1,2-Dichloroethane-d4	5.694	65	97761	55.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.560%		
32) Benzene-d6	5.719	84	269077	47.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.800%		
36) 1,2-Dichloropropane-d6	6.684	67	88527	49.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.840%		
41) Toluene-d8	7.893	98	236677	46.667	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.340%		
43) trans-1,3-Dichloroprop...	8.173	79	44019	50.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.320%		
47) 2-Hexanone-d5	8.626	63	66286	104.357	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.360%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	131424	56.262	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	112.520%		
66) 1,2-Dichlorobenzene-d4	12.188	152	98311	54.322	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.640%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	858	0.646	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	668	0.581	ug/L #	1
39) cis-1,3-Dichloropropene	7.562	75	2893	1.177	ug/L #	74
44) trans-1,3-Dichloropropene	8.176	75	2028	0.868	ug/L	98
60) 1,2,3-Trichloropropane	11.806	75	10554	6.133	ug/L #	65

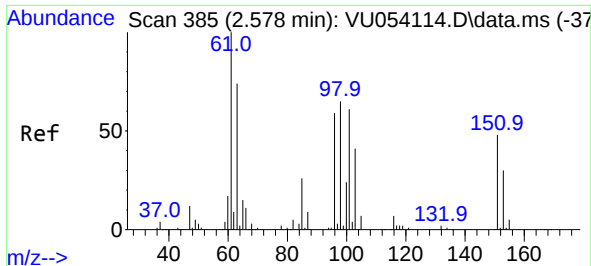
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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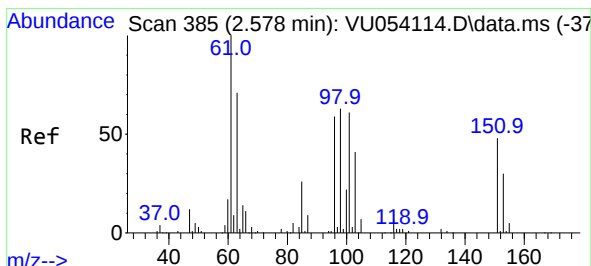
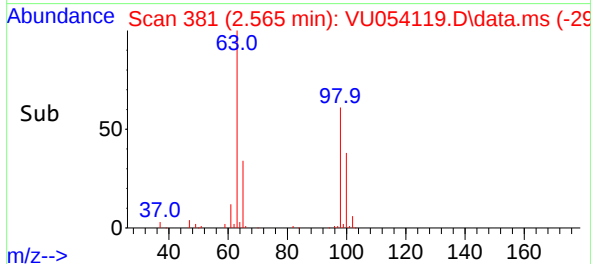
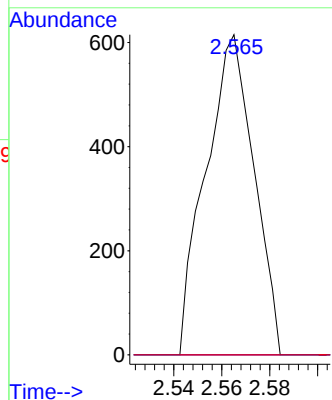
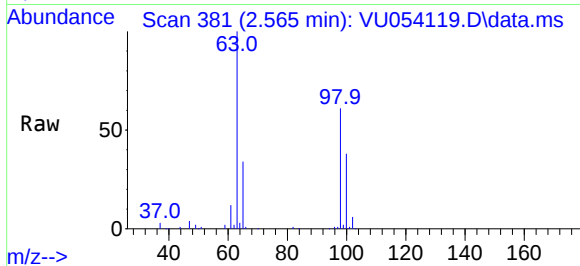




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.646 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054119.D
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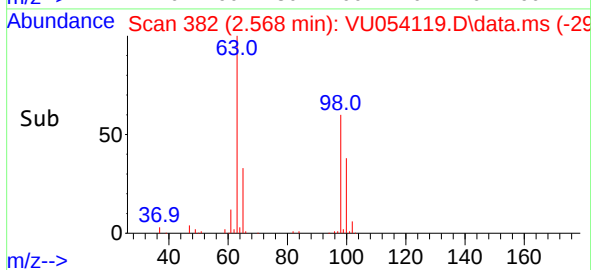
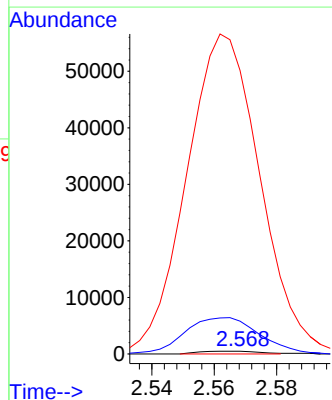
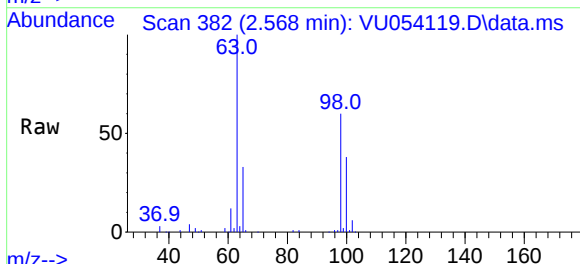
Instrument :
MSVOA_U
ClientSampleId :
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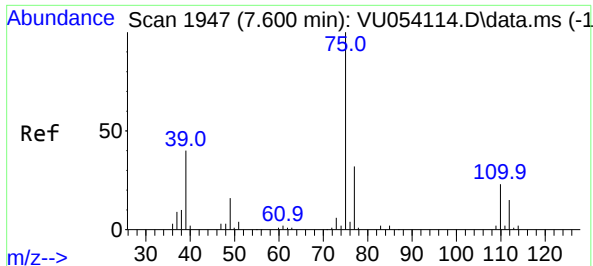
Tgt Ion:101 Resp: 858
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.581 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU054119.D
Acq: 09 May 2023 12:23

Tgt Ion: 96 Resp: 668
Ion Ratio Lower Upper
96 100
61 1165.8 118.3 219.7#
63 10092.6 92.3 171.5#

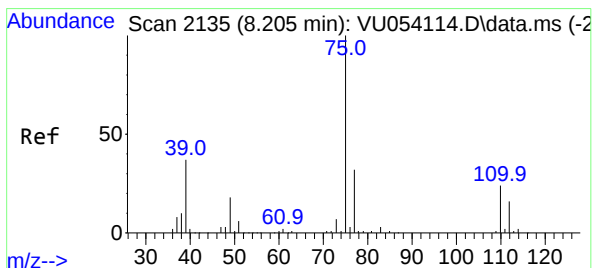
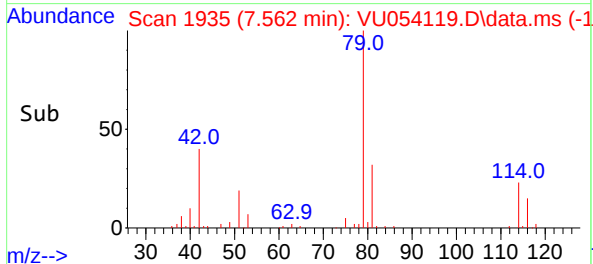
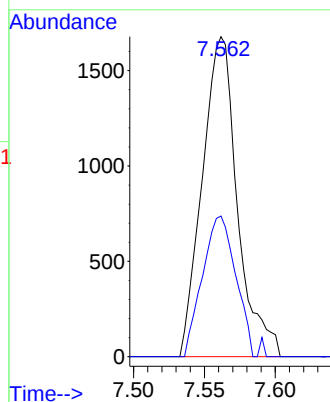
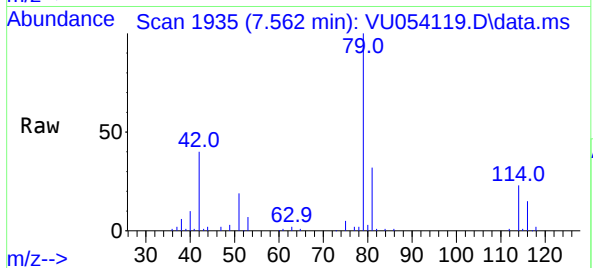




#39
cis-1,3-Dichloropropene
Concen: 1.177 ug/L
RT: 7.562 min Scan# 1947
Delta R.T. -0.042 min
Lab File: VU054119.D
Acq: 09 May 2023 12:23

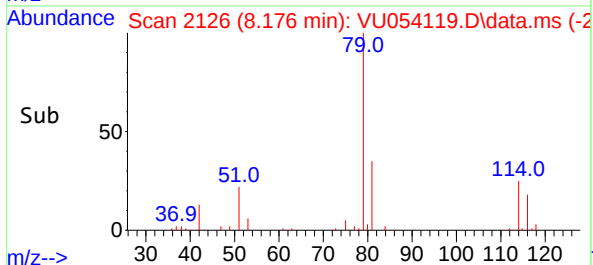
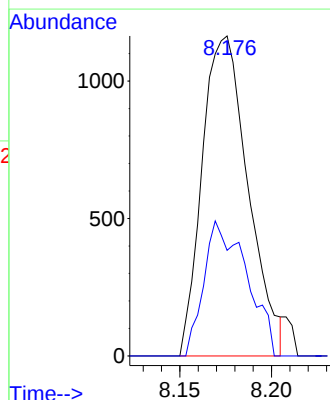
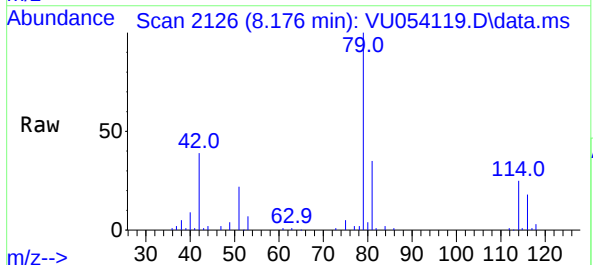
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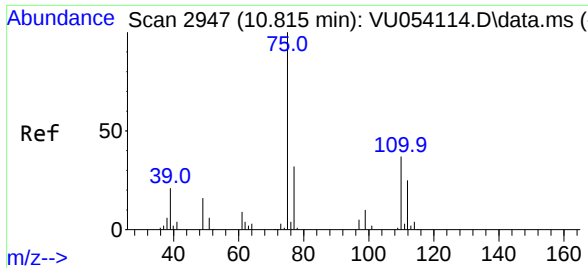
Tgt Ion: 75 Resp: 2893
Ion Ratio Lower Upper
75 100
77 44.0 21.1 39.1#



#44
trans-1,3-Dichloropropene
Concen: 0.868 ug/L
RT: 8.176 min Scan# 2126
Delta R.T. -0.029 min
Lab File: VU054119.D
Acq: 09 May 2023 12:23

Tgt Ion: 75 Resp: 2028
Ion Ratio Lower Upper
75 100
77 33.0 22.5 41.7





#60
1,2,3-Trichloropropane
Concen: 6.133 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054119.D
Acq: 09 May 2023 12:23

Instrument :
MSVOA_U
ClientSampleId :
JREQ3

Tgt Ion:	75	Resp:	10554
Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.0	39.0
110	2.5	31.8	47.8#

