

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050923\
 Data File : VU054115.D
 Acq On : 09 May 2023 10:29
 Operator : JC/MD
 Sample : VU0509MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

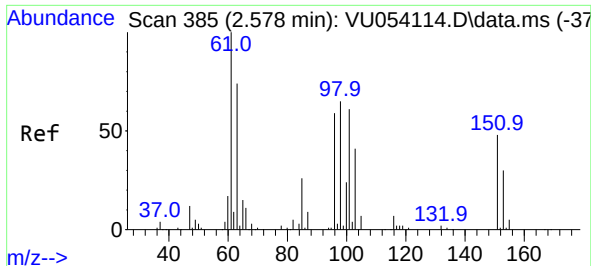
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK094

Quant Time: May 10 04:34:19 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	221695	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	203938	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	92055	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80654	48.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.200%		
7) Chloroethane-d5	1.903	69	56741	51.554	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.100%		
11) 1,1-Dichloroethene-d2	2.562	63	111896	37.626	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.260%		
21) 2-Butanone-d5	4.620	46	98234	102.725	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.720%		
24) Chloroform-d	5.057	84	152015	49.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.720%		
26) 1,2-Dichloroethane-d4	5.693	65	99093	50.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.240%		
32) Benzene-d6	5.719	84	298774	49.771	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.540%		
36) 1,2-Dichloropropane-d6	6.684	67	95221	50.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.500%		
41) Toluene-d8	7.893	98	261874	48.320	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.640%		
43) trans-1,3-Dichloroprop...	8.172	79	43454	46.335	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.660%		
47) 2-Hexanone-d5	8.629	63	63796	93.989	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.990%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	124773	49.985	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.980%		
66) 1,2-Dichlorobenzene-d4	12.188	152	93932	52.233	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.460%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1267	0.854	ug/L #	29
12) 1,1-Dichloroethene	2.565	96	1101	0.856	ug/L #	1
35) Methylcyclohexane	6.684	83	23650	10.703	ug/L #	18
44) trans-1,3-Dichloropropene	8.176	75	2143	0.858	ug/L #	83
71) Naphthalene	14.089	128	9819	1.813	ug/L	99

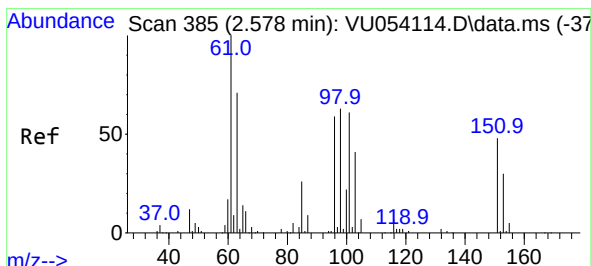
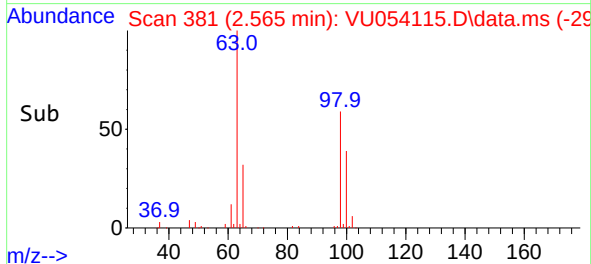
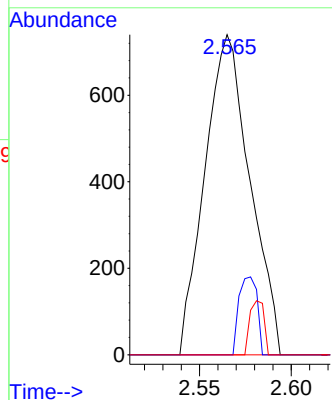
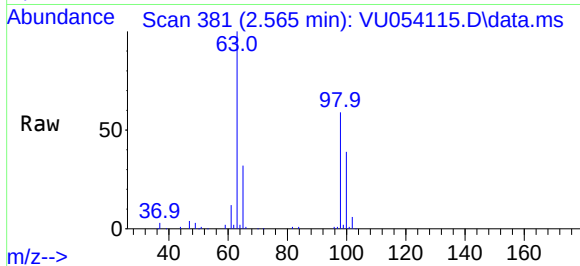
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.854 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054115.D
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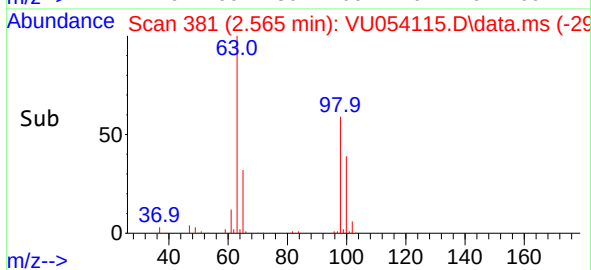
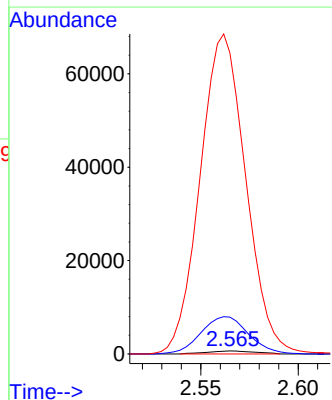
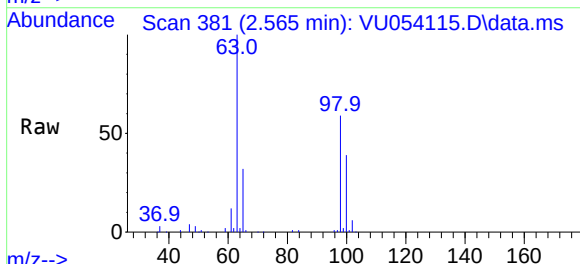
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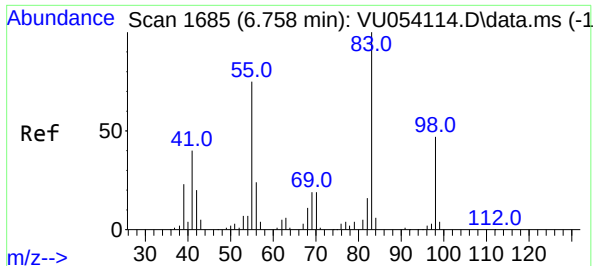
Tgt Ion:101 Resp: 1267
Ion Ratio Lower Upper
101 100
85 9.8 34.3 51.5#
151 5.3 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.856 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054115.D
Acq: 09 May 2023 10:29

Tgt Ion: 96 Resp: 1101
Ion Ratio Lower Upper
96 100
61 1239.0 118.3 219.7#
63 10130.8 92.3 171.5#

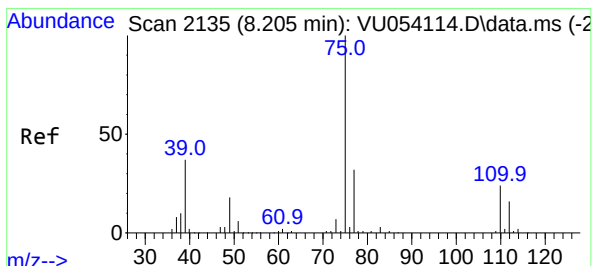
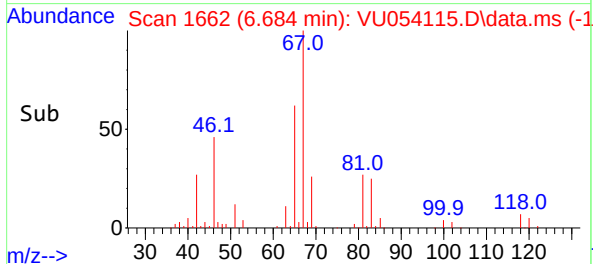
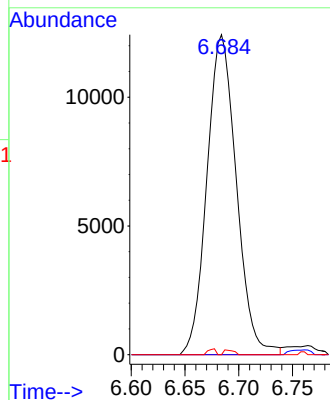
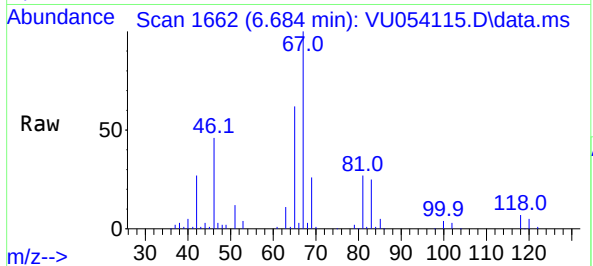




#35
Methylcyclohexane
Concen: 10.703 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU054115.D
Acq: 09 May 2023 10:29

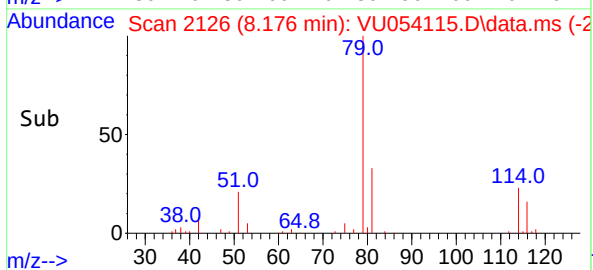
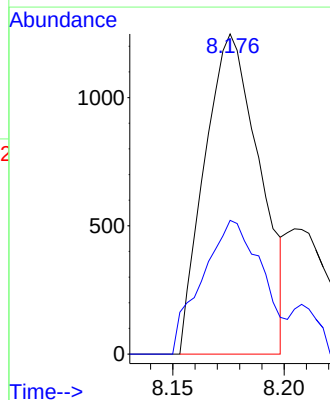
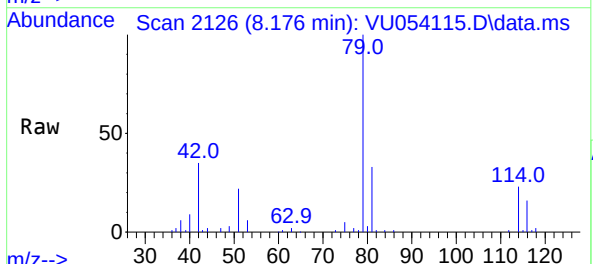
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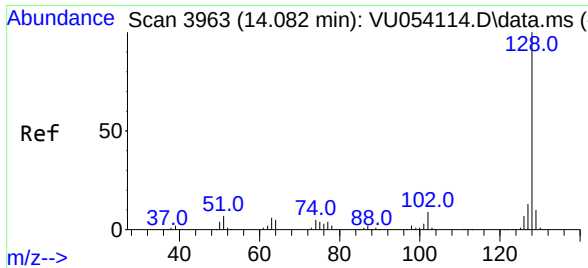
Tgt Ion: 83 Resp: 23650
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.6#
98 0.5 38.4 57.6#



#44
trans-1,3-Dichloropropene
Concen: 0.858 ug/L
RT: 8.176 min Scan# 2126
Delta R.T. -0.029 min
Lab File: VU054115.D
Acq: 09 May 2023 10:29

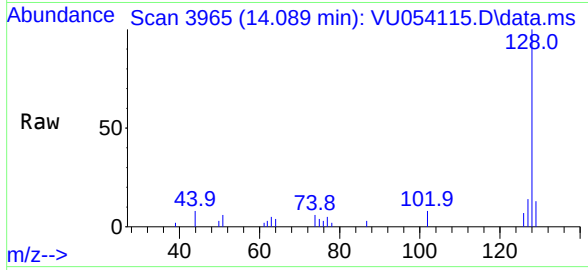
Tgt Ion: 75 Resp: 2143
Ion Ratio Lower Upper
75 100
77 41.7 22.5 41.7#





#71
Naphthalene
Concen: 1.813 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VU054115.D
Acq: 09 May 2023 10:29

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:128 Resp: 9819

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.0	15.0
129	10.0	8.4	12.6

