

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054082.D
 Acq On : 08 May 2023 15:56
 Operator : JC/MD
 Sample : 02662-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ4

Quant Time: May 09 04:39:34 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

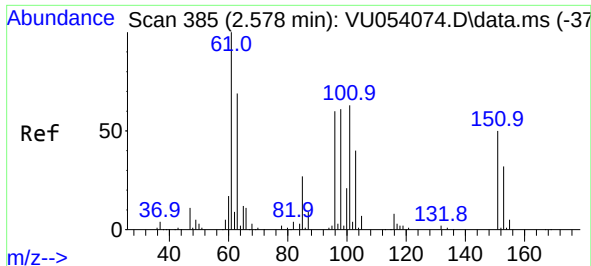
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	219134	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	205297	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	102677	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65883	39.752	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.500%
7) Chloroethane-d5	1.906	69	56908	52.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.620%
11) 1,1-Dichloroethene-d2	2.562	63	97182	33.061	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.120%
21) 2-Butanone-d5	4.616	46	110872	117.295	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.300%
24) Chloroform-d	5.141	84	294	0.097	ug/L	0.08
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.200%#
26) 1,2-Dichloroethane-d4	5.694	65	99062	50.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.380%
32) Benzene-d6	5.719	84	285571	47.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	6.684	67	93857	49.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	7.893	98	255822	46.891	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.780%
43) trans-1,3-Dichloroprop...	8.176	79	45628	48.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.660%
47) 2-Hexanone-d5	8.629	63	73016	106.860	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.860%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	133436	53.102	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	105435	52.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.120%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	919	0.627	ug/L #	22
12) 1,1-Dichloroethene	2.565	96	799	0.629	ug/L #	1
34) Trichloroethene	6.536	95	3871	2.441	ug/L	88
37) 1,2-Dichloropropane	6.681	63	10295	6.090	ug/L #	87
39) cis-1,3-Dichloropropene	7.562	75	2993	1.132	ug/L #	81
44) trans-1,3-Dichloropropene	8.176	75	2161	0.860	ug/L	85
60) 1,2,3-Trichloropropane	11.806	75	11270	5.909	ug/L #	66

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

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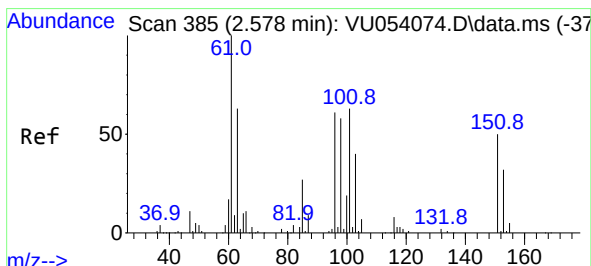
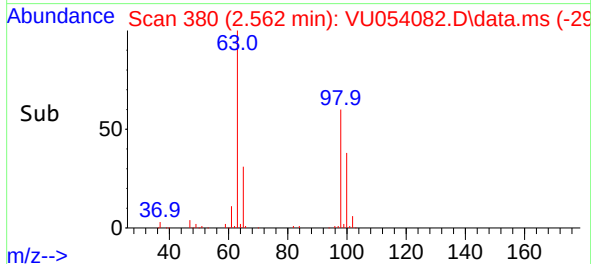
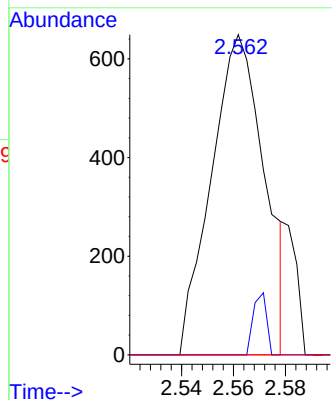
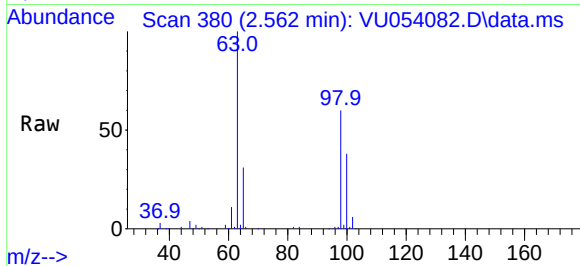




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.627 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
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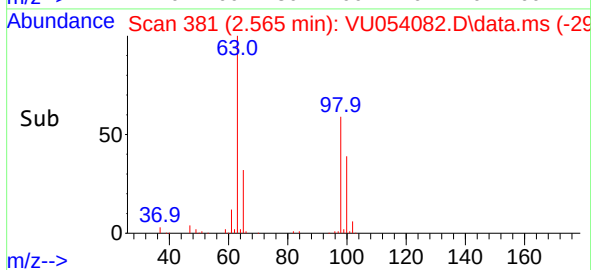
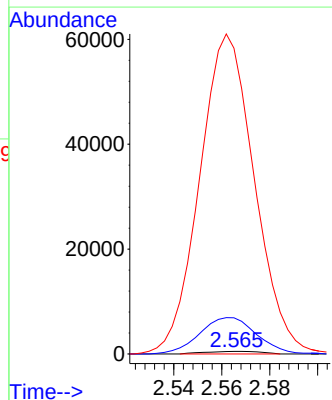
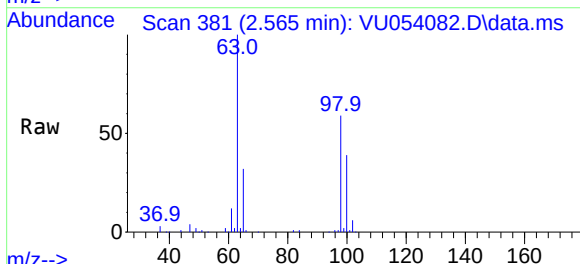
Instrument :
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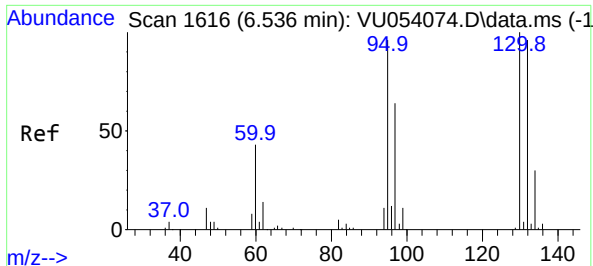
Tgt Ion:101 Resp: 919
Ion Ratio Lower Upper
101 100
85 4.9 34.3 51.5#
151 0.0 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.629 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054082.D
Acq: 08 May 2023 15:56

Tgt Ion: 96 Resp: 799
Ion Ratio Lower Upper
96 100
61 1439.5 118.3 219.7#
63 12177.0 92.3 171.5#

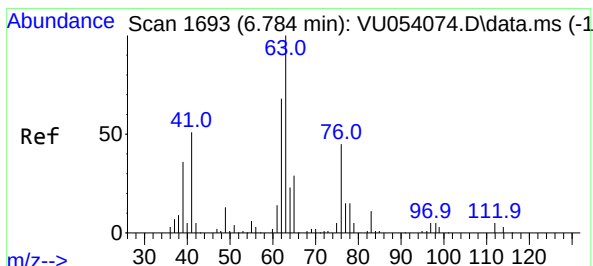
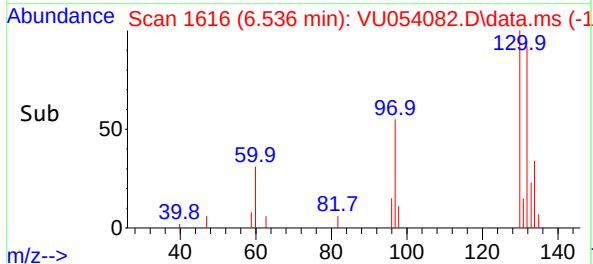
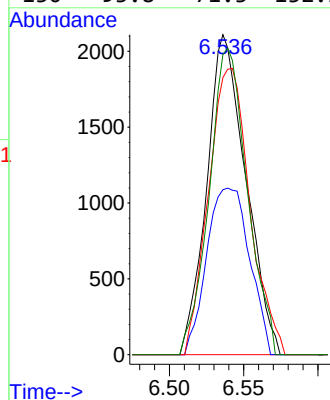
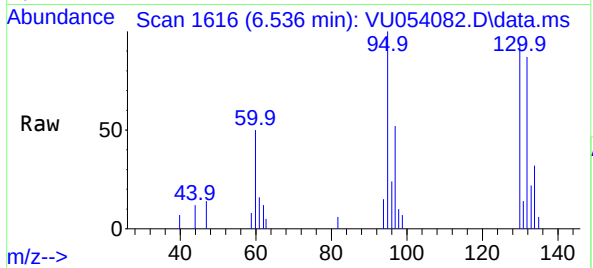




#34
Trichloroethene
Concen: 2.441 ug/L
RT: 6.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054082.D
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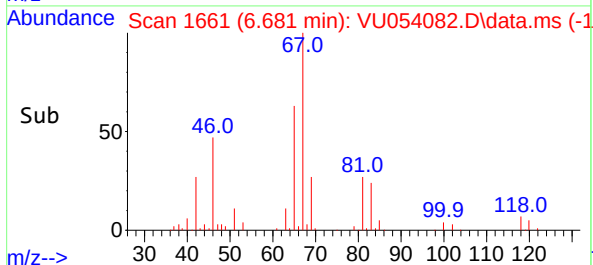
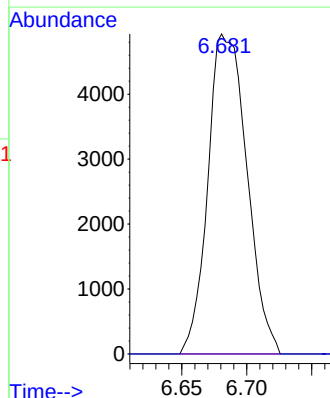
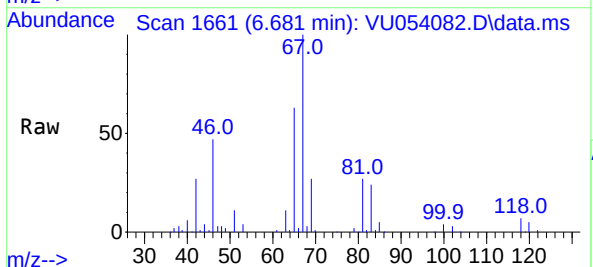
Instrument :
MSVOA_U
ClientSampleId :
C0AZ4

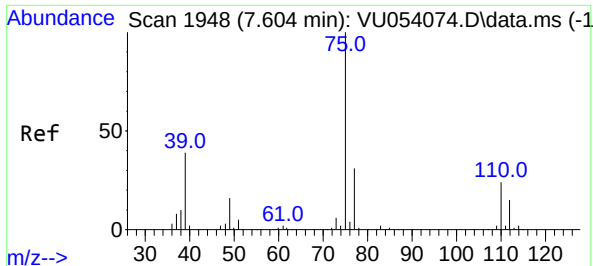
Tgt Ion: 95 Resp: 3871
Ion Ratio Lower Upper
95 100
97 51.6 46.5 86.3
132 86.6 67.8 126.0
130 93.8 71.3 132.3



#37
1,2-Dichloropropane
Concen: 6.090 ug/L
RT: 6.681 min Scan# 1661
Delta R.T. -0.106 min
Lab File: VU054082.D
Acq: 08 May 2023 15:56

Tgt Ion: 63 Resp: 10295
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

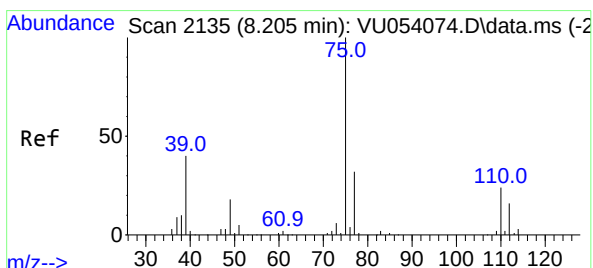
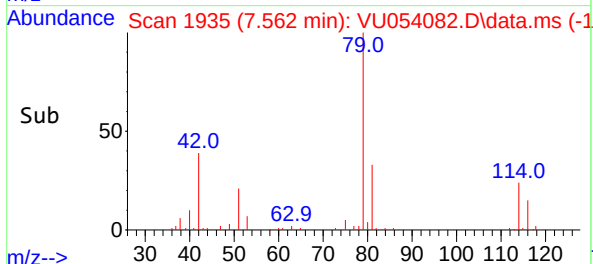
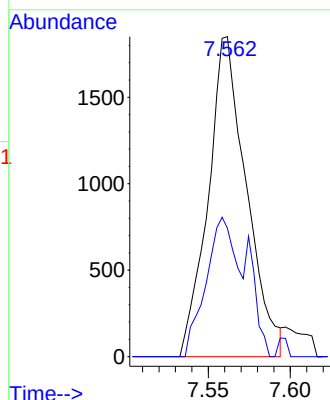
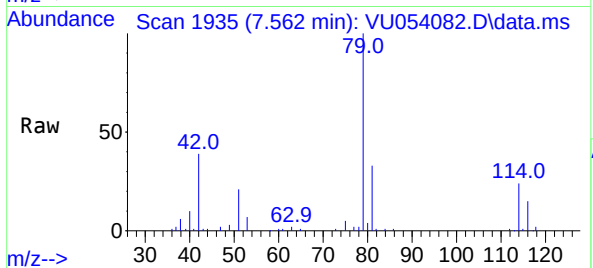




#39
cis-1,3-Dichloropropene
Concen: 1.132 ug/L
RT: 7.562 min Scan# 1948
Delta R.T. -0.042 min
Lab File: VU054082.D
Acq: 08 May 2023 15:56

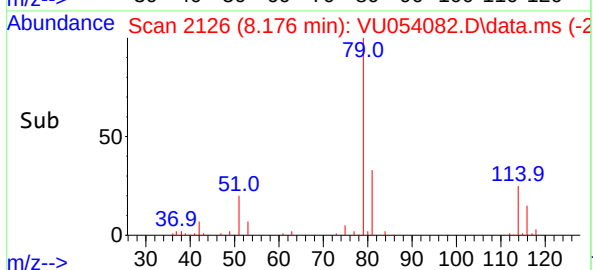
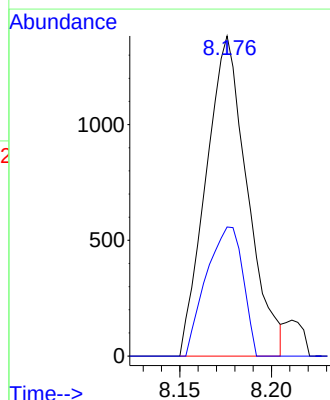
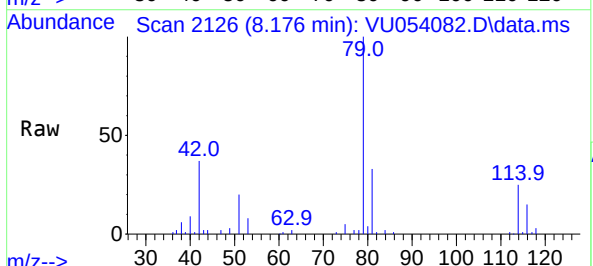
Instrument :
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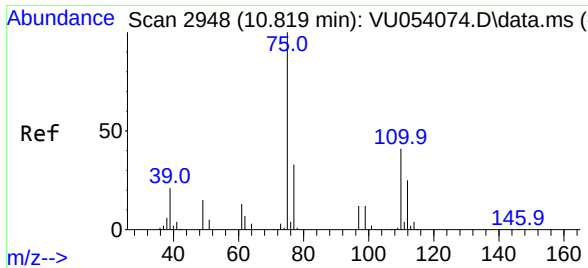
Tgt Ion: 75 Resp: 2993
Ion Ratio Lower Upper
75 100
77 40.1 21.1 39.1#



#44
trans-1,3-Dichloropropene
Concen: 0.860 ug/L
RT: 8.176 min Scan# 2126
Delta R.T. -0.029 min
Lab File: VU054082.D
Acq: 08 May 2023 15:56

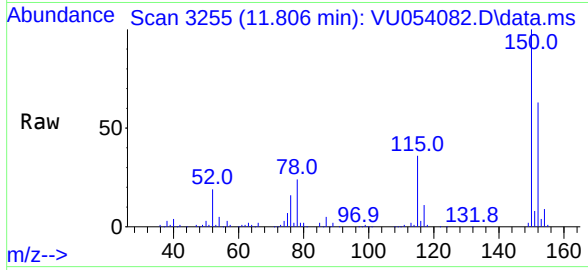
Tgt Ion: 75 Resp: 2161
Ion Ratio Lower Upper
75 100
77 40.3 22.5 41.7





#60
 1,2,3-Trichloropropane
 Concen: 5.909 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054082.D
 Acq: 08 May 2023 15:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ4



Tgt Ion: 75 Resp: 11270

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.0	39.0
110	2.7	31.8	47.8#

