

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053519.D
 Acq On : 03 Apr 2023 14:52
 Operator : JC/MD
 Sample : 02158-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB(20230328)

Quant Time: Apr 04 05:17:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

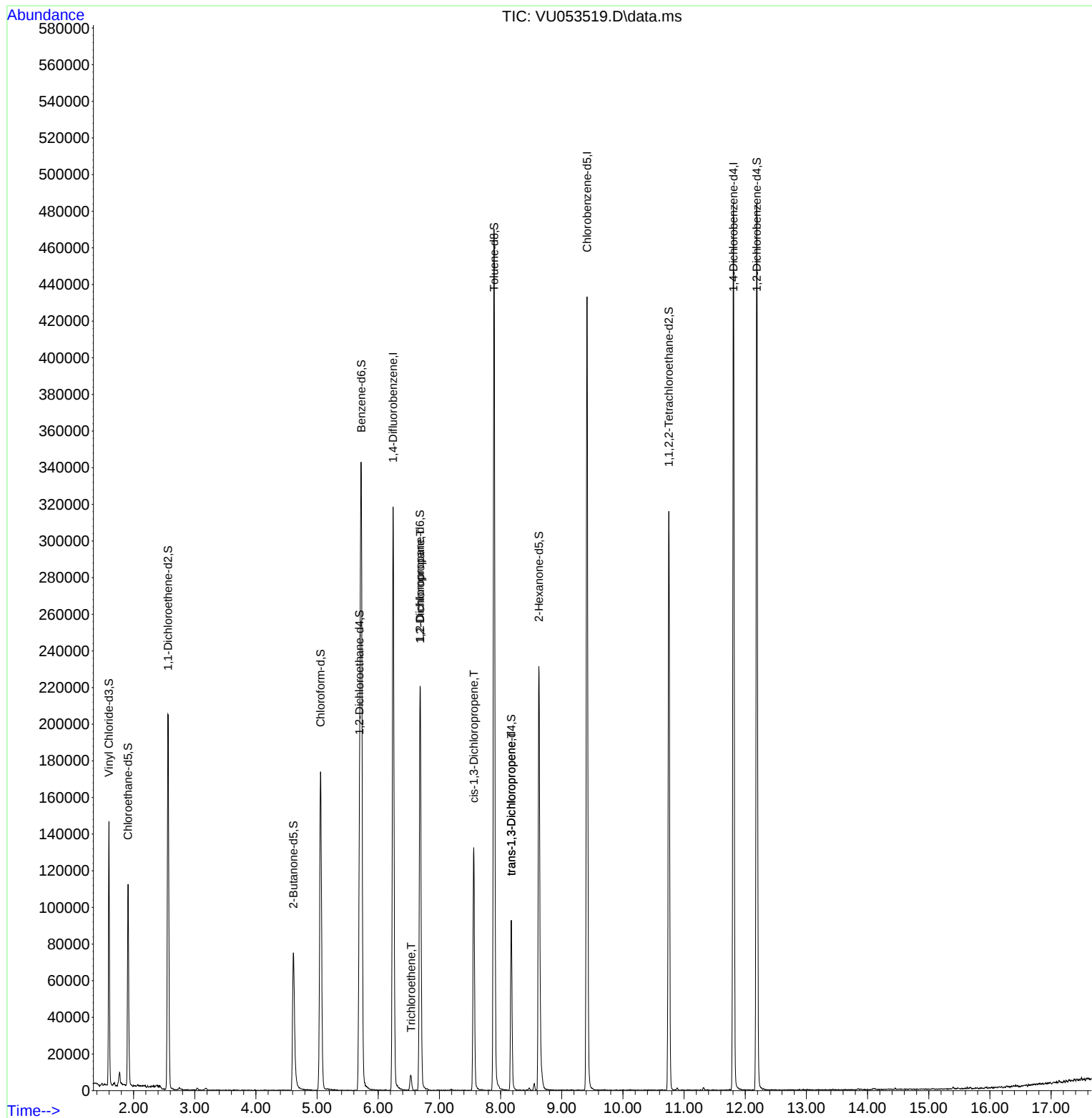
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	271452	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	251604	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	130305	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	98703	46.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.400%
7) Chloroethane-d5	1.909	69	82165	50.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.840%
11) 1,1-Dichloroethene-d2	2.565	63	118957	36.357	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.720%
21) 2-Butanone-d5	4.613	46	105260	109.991	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.990%
24) Chloroform-d	5.057	84	159856	45.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.460%
26) 1,2-Dichloroethane-d4	5.694	65	105286	50.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.940%
32) Benzene-d6	5.723	84	332124	48.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.684	67	108109	52.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.160%
41) Toluene-d8	7.893	98	325403	48.207	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.420%
43) trans-1,3-Dichloroprop...	8.176	79	53822	50.229	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.460%
47) 2-Hexanone-d5	8.626	63	85859	121.191	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.190%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	150568	51.462	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.920%
66) 1,2-Dichlorobenzene-d4	12.189	152	129280	47.531	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.539	95	1614	0.814	ug/L #	87
37) 1,2-Dichloropropane	6.687	63	11673	7.013	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	3695	1.358	ug/L	93
44) trans-1,3-Dichloropropene	8.176	75	2479	0.964	ug/L	86

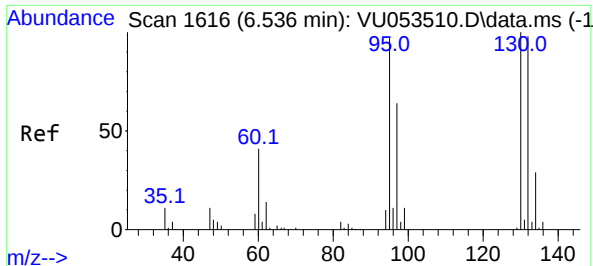
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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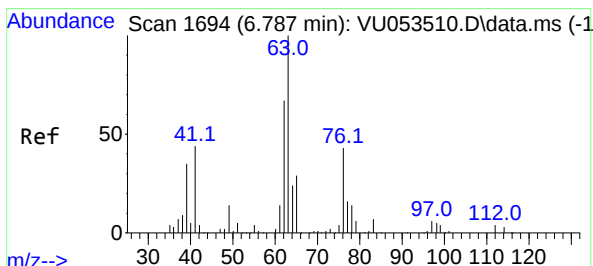
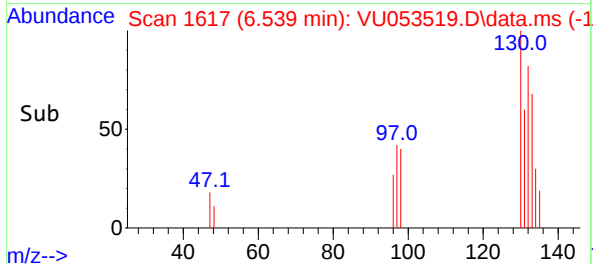
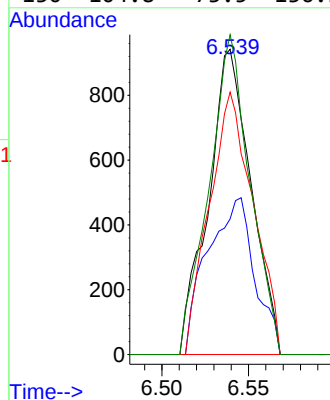
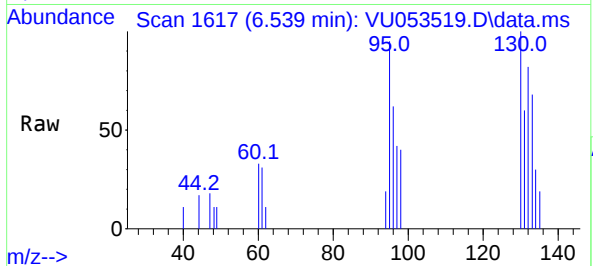




#34
Trichloroethene
Concen: 0.814 ug/L
RT: 6.539 min Scan# 1614
Delta R.T. 0.003 min
Lab File: VU053519.D
Acq: 03 Apr 2023 14:52

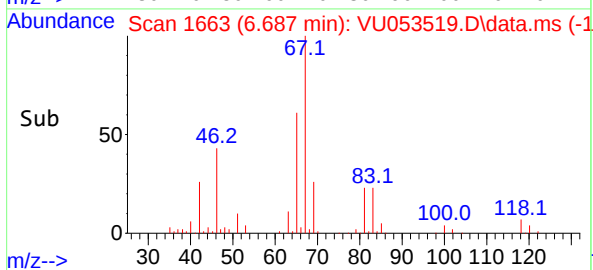
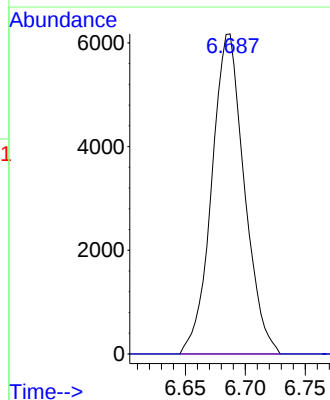
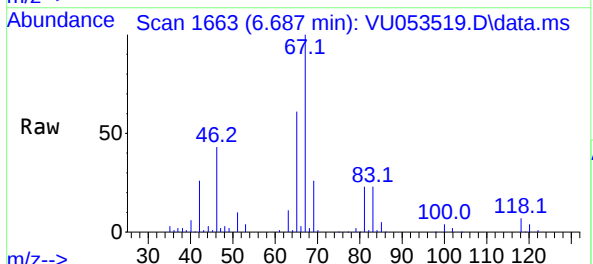
Instrument :
MSVOA_U
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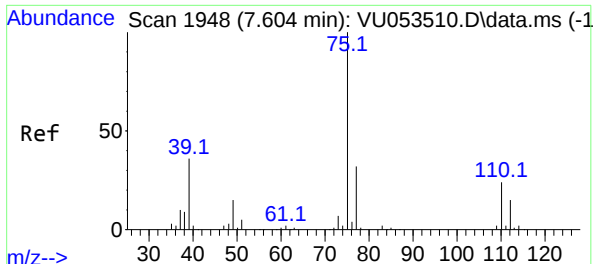
Tgt Ion: 95 Resp: 1614
Ion Ratio Lower Upper
95 100
97 44.5 45.1 83.7#
132 86.0 74.1 137.5
130 104.8 73.5 136.5



#37
1,2-Dichloropropane
Concen: 7.013 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.096 min
Lab File: VU053519.D
Acq: 03 Apr 2023 14:52

Tgt Ion: 63 Resp: 11673
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

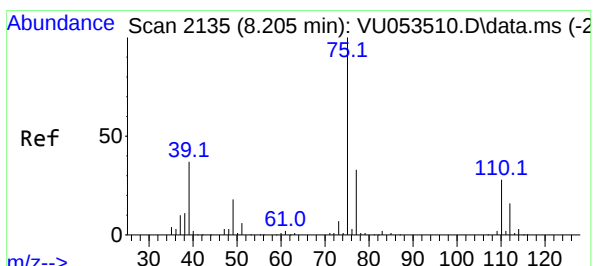
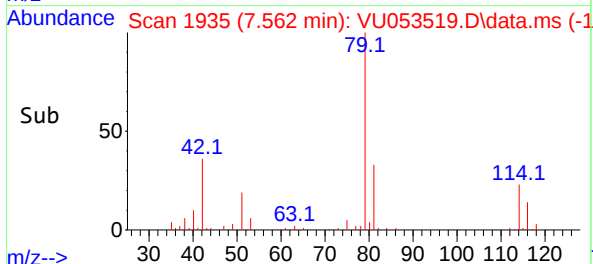
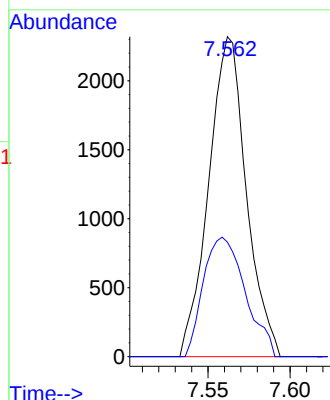
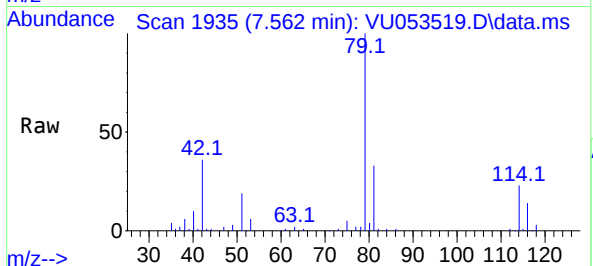




#39
cis-1,3-Dichloropropene
Concen: 1.358 ug/L
RT: 7.562 min Scan# 1948
Delta R.T. -0.038 min
Lab File: VU053519.D
Acq: 03 Apr 2023 14:52

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 75 Resp: 3695
Ion Ratio Lower Upper
75 100
77 35.8 22.5 41.7



#44
trans-1,3-Dichloropropene
Concen: 0.964 ug/L
RT: 8.176 min Scan# 2126
Delta R.T. -0.029 min
Lab File: VU053519.D
Acq: 03 Apr 2023 14:52

Tgt Ion: 75 Resp: 2479
Ion Ratio Lower Upper
75 100
77 38.6 21.8 40.4

