

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032323\
 Data File : VU053379.D
 Acq On : 23 Mar 2023 19:16
 Operator : JC/MD
 Sample : 02037-05 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45E8

Quant Time: Mar 24 12:21:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

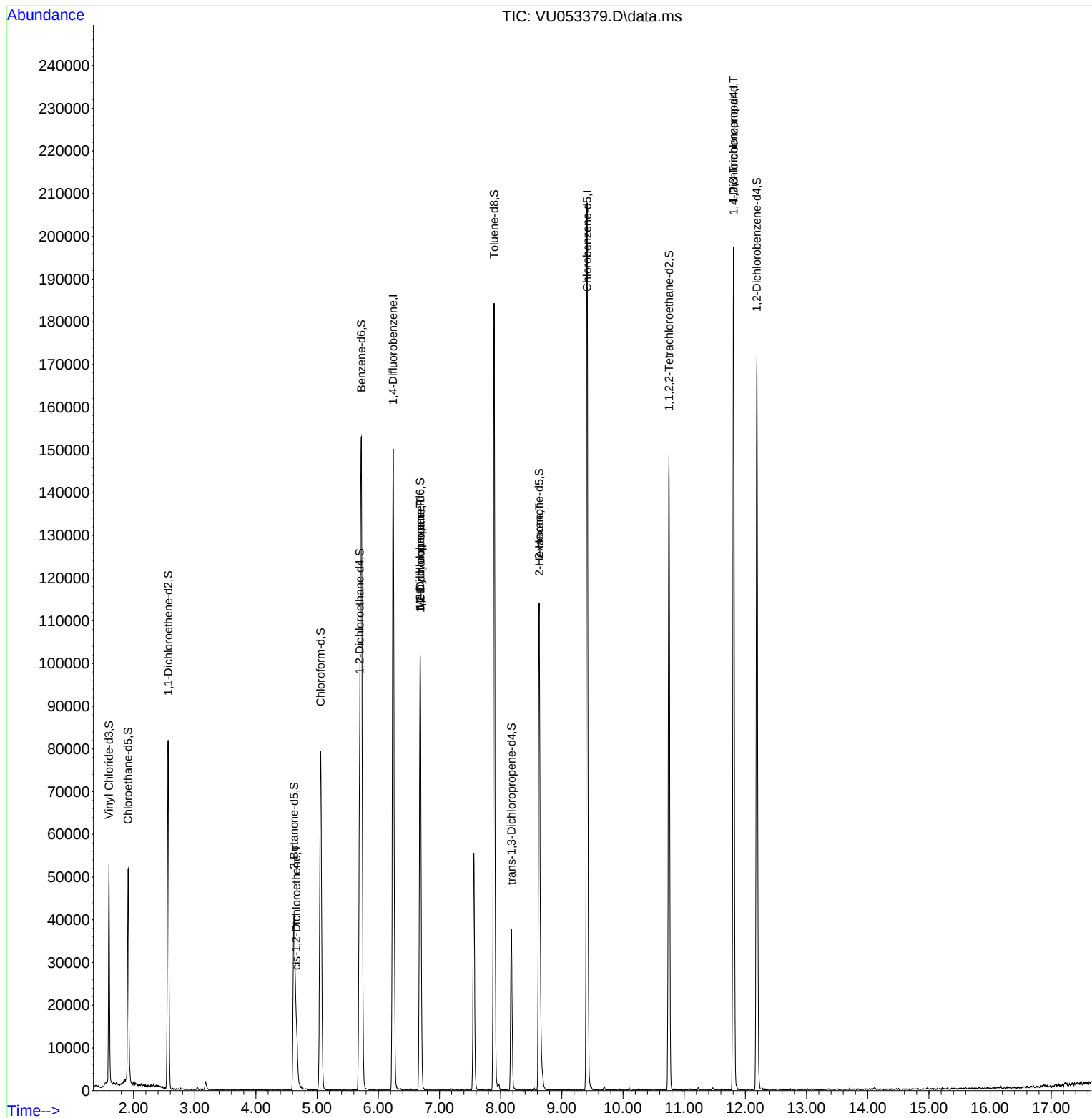
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	116863	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	108266	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	47874	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35735	33.145	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.300%
7) Chloroethane-d5	1.909	69	35720	40.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.920%
11) 1,1-Dichloroethene-d2	2.565	63	48509	25.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.940%#
21) 2-Butanone-d5	4.623	46	65036	130.062	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.060%#
24) Chloroform-d	5.057	84	68908	38.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.620%
26) 1,2-Dichloroethane-d4	5.697	65	48012	43.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
32) Benzene-d6	5.723	84	140349	39.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.940%
36) 1,2-Dichloropropane-d6	6.684	67	49434	43.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.240%
41) Toluene-d8	7.893	98	121497	37.161	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.320%#
43) trans-1,3-Dichloroprop...	8.176	79	21146	37.816	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.640%
47) 2-Hexanone-d5	8.629	63	39690	112.013	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.010%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	72080	49.094	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.180%
66) 1,2-Dichlorobenzene-d4	12.189	152	41873	45.172	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.340%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.658	96	2672	2.612	ug/L	96
35) Methylcyclohexane	6.684	83	10796	6.293	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	5328	5.088	ug/L #	90
48) 2-Hexanone	8.632	43	5118	5.678	ug/L #	61
60) 1,2,3-Trichloropropane	11.806	75	7304	7.678	ug/L #	68

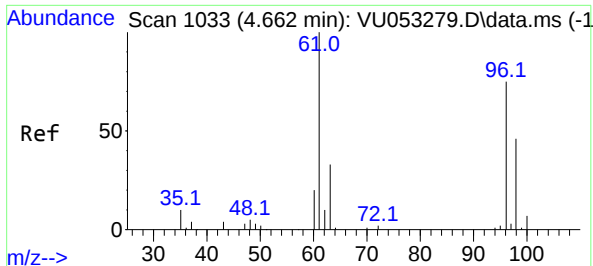
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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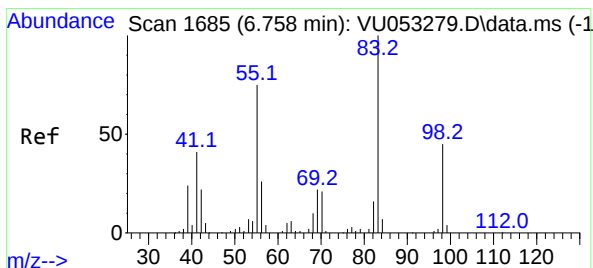
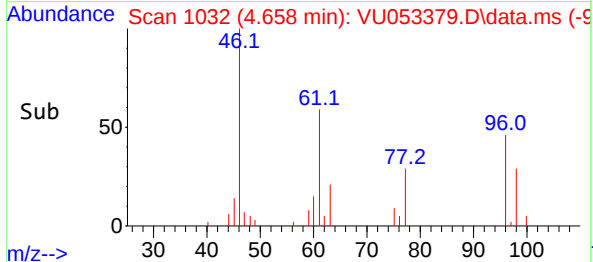
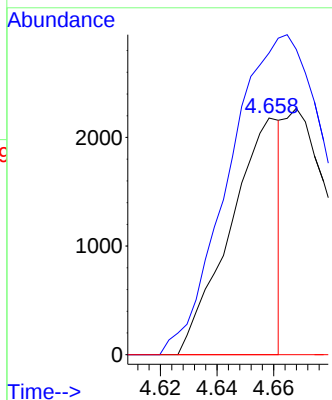
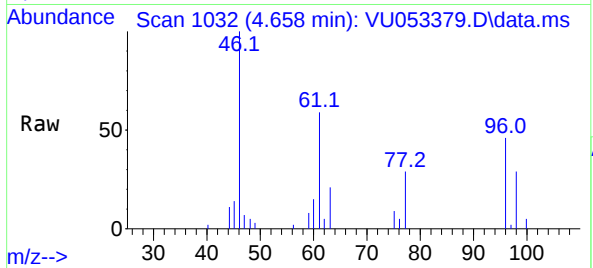




#20
 cis-1,2-Dichloroethene
 Concen: 2.612 ug/L
 RT: 4.658 min Scan# 1032
 Delta R.T. -0.003 min
 Lab File: VU053379.D
 Acq: 23 Mar 2023 19:16

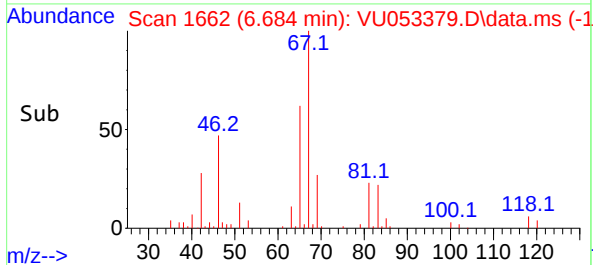
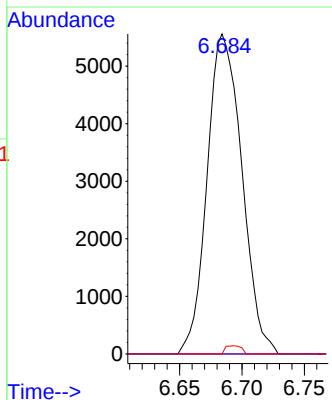
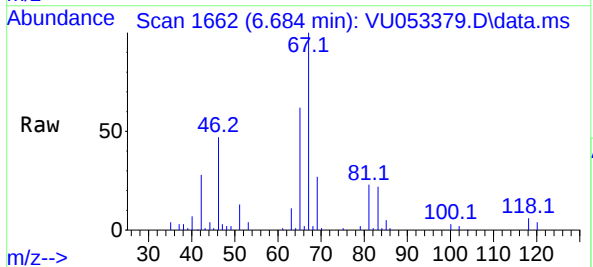
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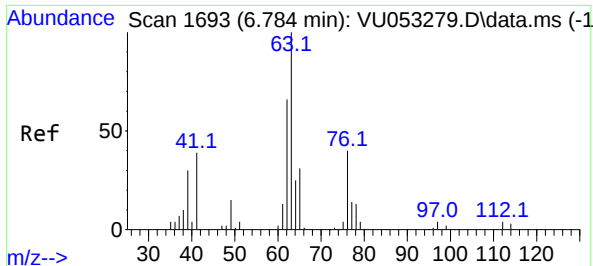
Tgt Ion: 96	Resp: 2672
Ion Ratio	Lower Upper
96 100	
61 127.5	92.5 171.7
68 0.0	0.0 0.0



#35
 Methylcyclohexane
 Concen: 6.293 ug/L
 RT: 6.684 min Scan# 1662
 Delta R.T. -0.074 min
 Lab File: VU053379.D
 Acq: 23 Mar 2023 19:16

Tgt Ion: 83	Resp: 10796
Ion Ratio	Lower Upper
83 100	
55 0.0	58.2 87.4#
98 1.2	35.4 53.2#

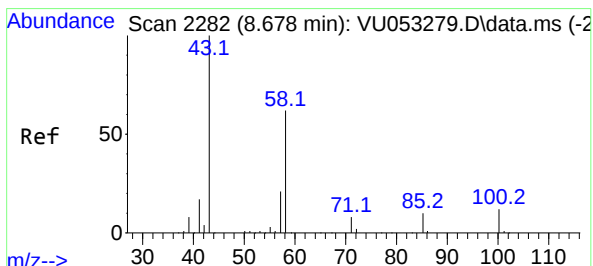
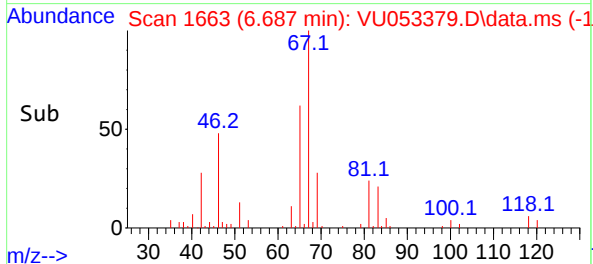
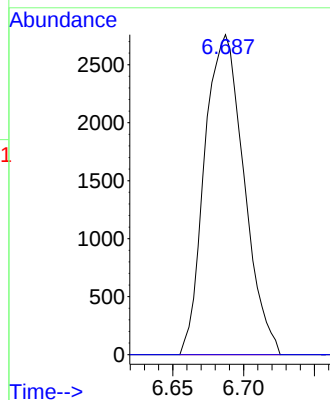
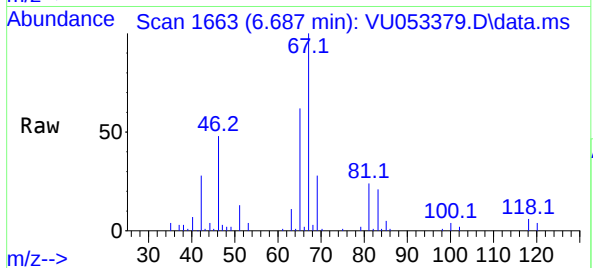




#37
1,2-Dichloropropane
Concen: 5.088 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU053379.D
Acq: 23 Mar 2023 19:16

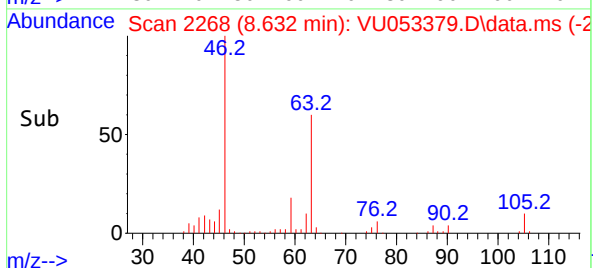
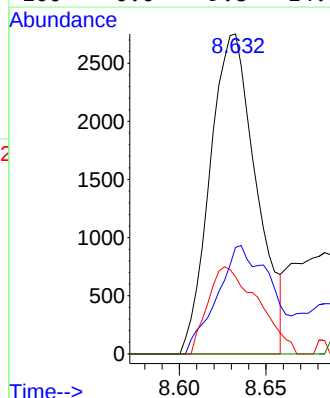
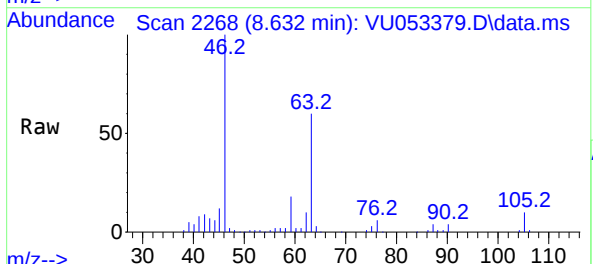
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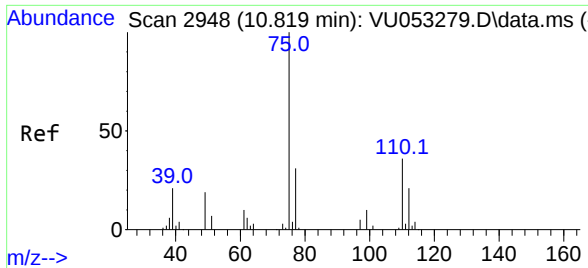
Tgt Ion: 63 Resp: 5328
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#48
2-Hexanone
Concen: 5.678 ug/L
RT: 8.632 min Scan# 2268
Delta R.T. -0.048 min
Lab File: VU053379.D
Acq: 23 Mar 2023 19:16

Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
58 25.1 49.4 74.0#
57 29.6 16.9 25.3#
100 0.0 9.8 14.8#





#60
1,2,3-Trichloropropane
Concen: 7.678 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU053379.D
Acq: 23 Mar 2023 19:16

Instrument :
MSVOA_U
ClientSampleId :
E45E8

Tgt Ion: 75	Resp: 7304
Ion Ratio	Lower Upper
75	100
77	31.3 26.6 40.0
110	1.3 28.6 42.8#

