

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053283.D
 Acq On : 17 Mar 2023 21:58
 Operator : JC/MD
 Sample : 01930-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8

Quant Time: Mar 18 04:58:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 04:29:10 2023
 Response via : Initial Calibration

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

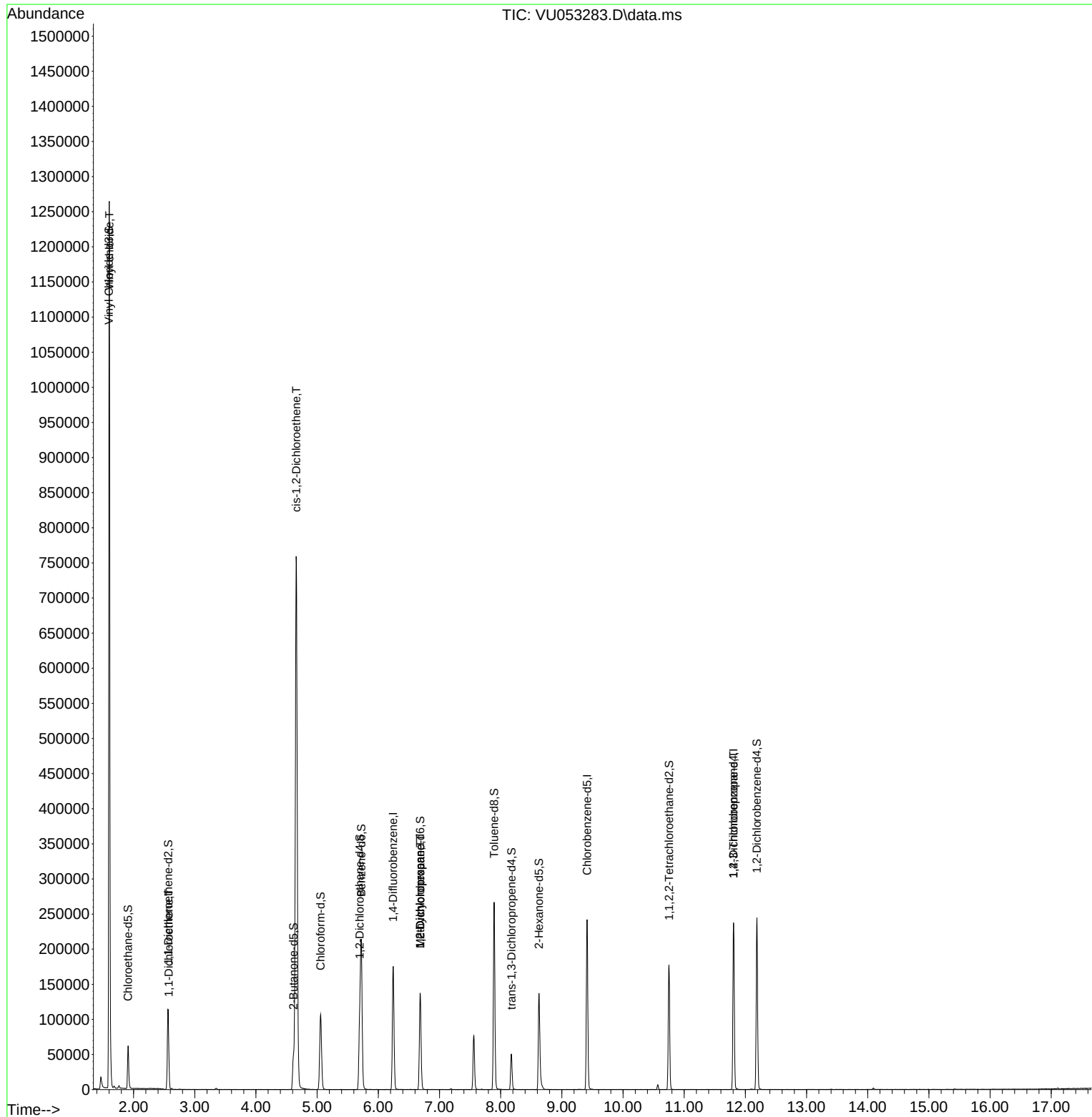
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	134640	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125327	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	57465	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60266	48.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.040%
7) Chloroethane-d5	1.909	69	44711	44.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.565	63	68008	31.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.220%
21) 2-Butanone-d5	4.613	46	66160	114.840	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.840%
24) Chloroform-d	5.057	84	93736	45.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	5.697	65	65191	51.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.620%
32) Benzene-d6	5.723	84	196954	48.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.900%
36) 1,2-Dichloropropane-d6	6.684	67	65814	50.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	7.893	98	174982	46.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.460%
43) trans-1,3-Dichloroprop...	8.176	79	29553	45.655	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.320%
47) 2-Hexanone-d5	8.626	63	48852	119.102	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.100%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	88532	52.091	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.180%
66) 1,2-Dichlorobenzene-d4	12.189	152	56962	51.193	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.380%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	826937	583.749	ug/L	98
12) 1,1-Dichloroethene	2.575	96	1232	1.246	ug/L #	1
20) cis-1,2-Dichloroethene	4.658	96	366931	311.386	ug/L	96
35) Methylcyclohexane	6.684	83	14510	7.307	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	7598	6.268	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	9124	7.990	ug/L #	66

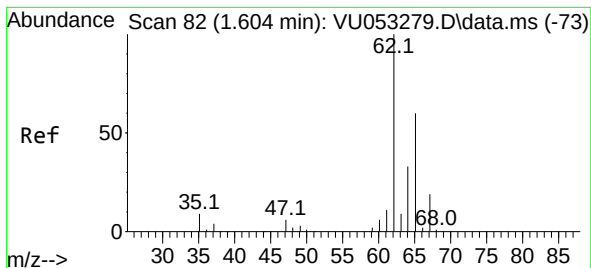
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 583.749 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU053283.D

Acq: 17 Mar 2023 21:58

Instrument :

MSVOA_U

ClientSampleId :

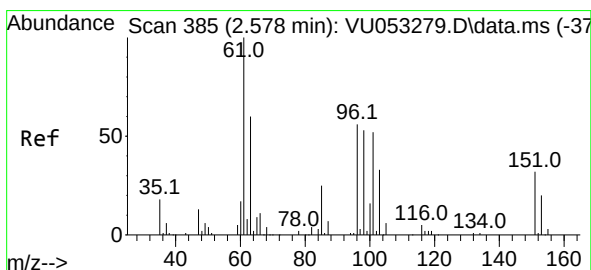
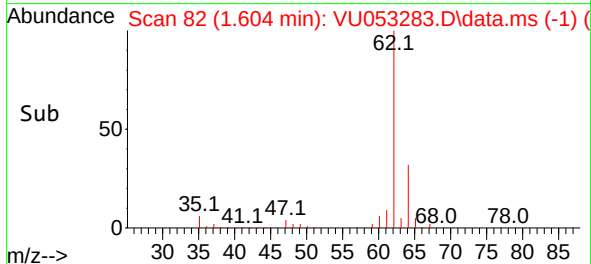
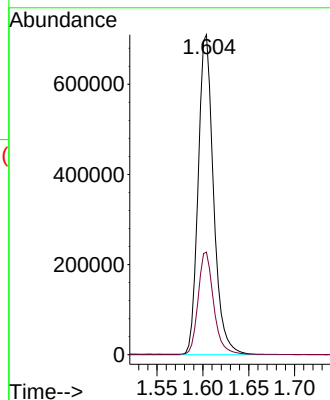
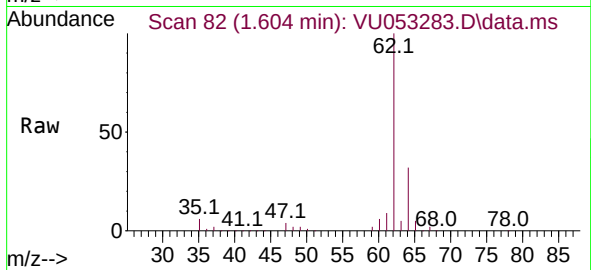
EYFB8

Tgt Ion: 62 Resp: 826937

Ion Ratio Lower Upper

62 100

64 32.0 23.2 43.0



#12

1,1-Dichloroethene

Concen: 1.246 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU053283.D

Acq: 17 Mar 2023 21:58

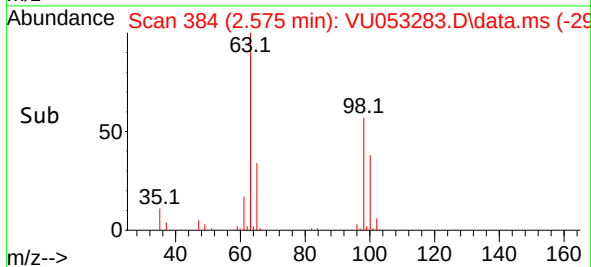
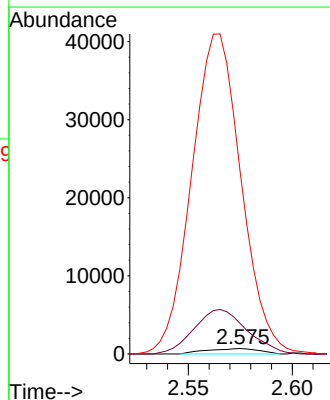
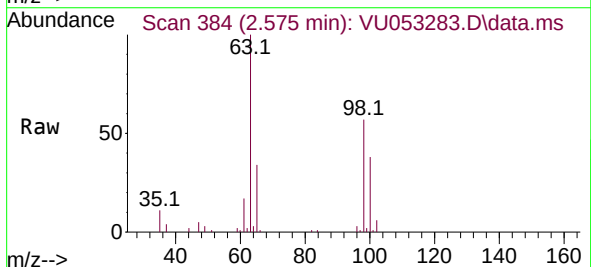
Tgt Ion: 96 Resp: 1232

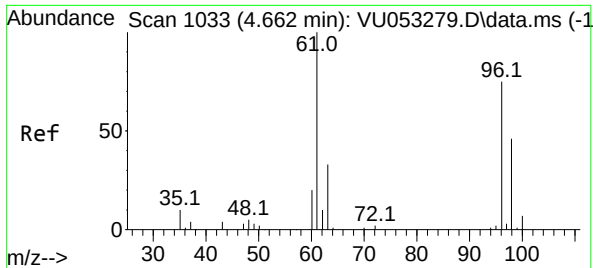
Ion Ratio Lower Upper

96 100

61 559.7 122.2 226.9#

63 3354.5 89.9 166.9#

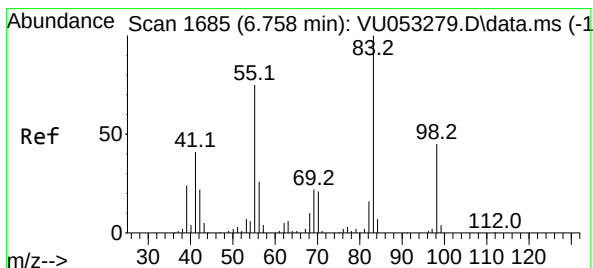
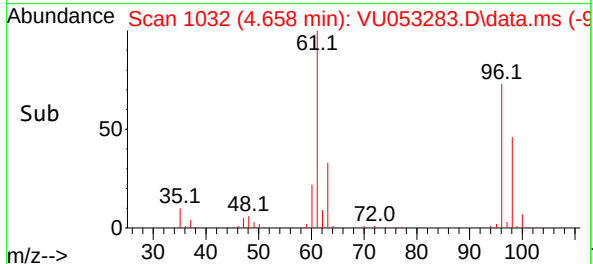
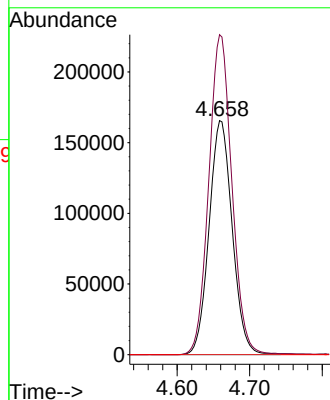
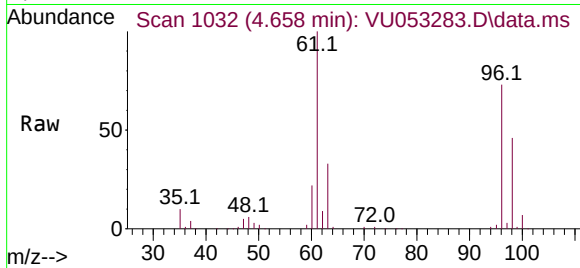




#20
cis-1,2-Dichloroethene
Concen: 311.386 ug/L
RT: 4.658 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU053283.D
Acq: 17 Mar 2023 21:58

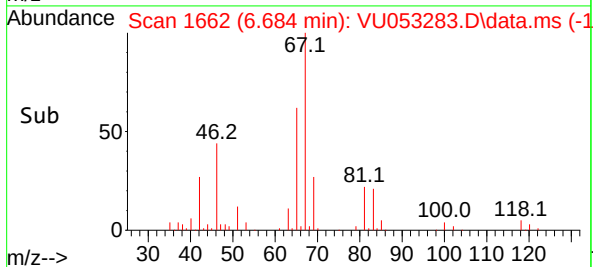
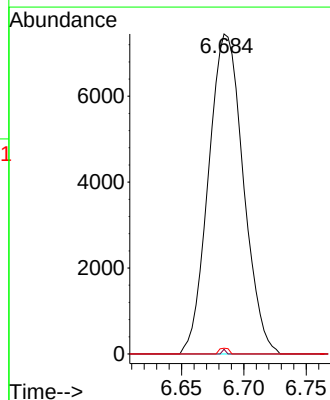
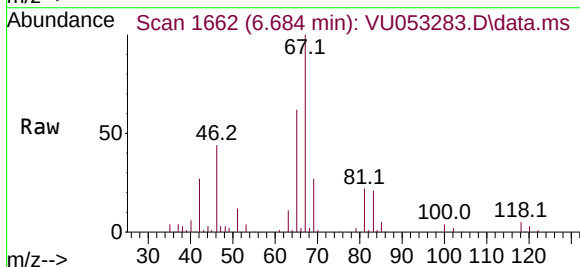
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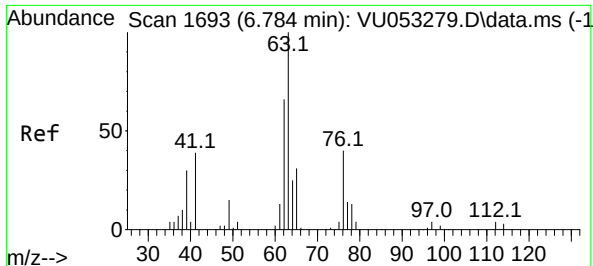
Tgt Ion: 96 Resp: 366931
Ion Ratio Lower Upper
96 100
61 136.7 92.5 171.7
68 0.0 0.0 0.0



#35
Methylcyclohexane
Concen: 7.307 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053283.D
Acq: 17 Mar 2023 21:58

Tgt Ion: 83 Resp: 14510
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 0.5 35.4 53.2#





#37

1,2-Dichloropropane

Concen: 6.268 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053283.D

Acq: 17 Mar 2023 21:58

Instrument :

MSVOA_U

ClientSampleId :

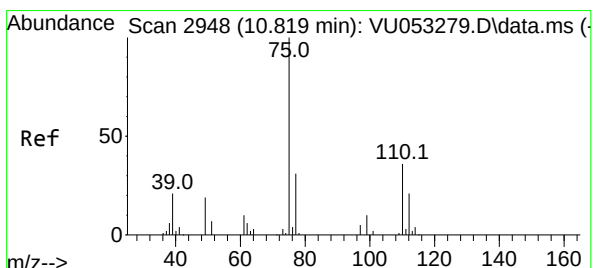
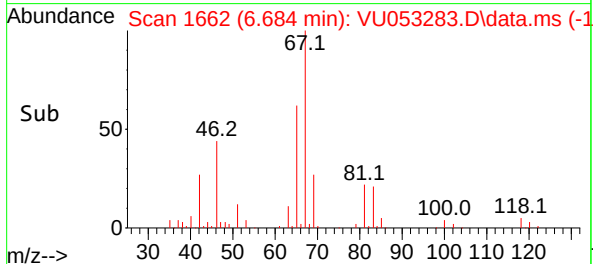
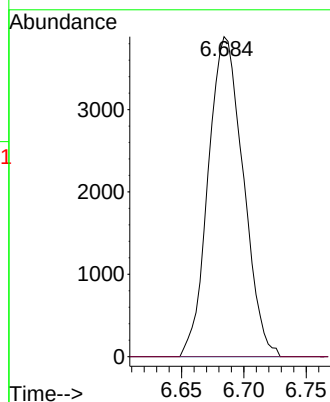
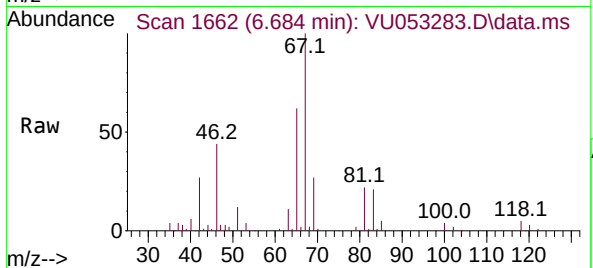
EYFB8

Tgt Ion: 63 Resp: 7598

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#60

1,2,3-Trichloropropane

Concen: 7.990 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU053283.D

Acq: 17 Mar 2023 21:58

Tgt Ion: 75 Resp: 9124

Ion Ratio Lower Upper

75 100

77 28.1 26.6 40.0

110 1.8 28.6 42.8#

