

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053265.D
 Acq On : 17 Mar 2023 14:26
 Operator : JC/MD
 Sample : 01929-15 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE8

Quant Time: Mar 18 01:52:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

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

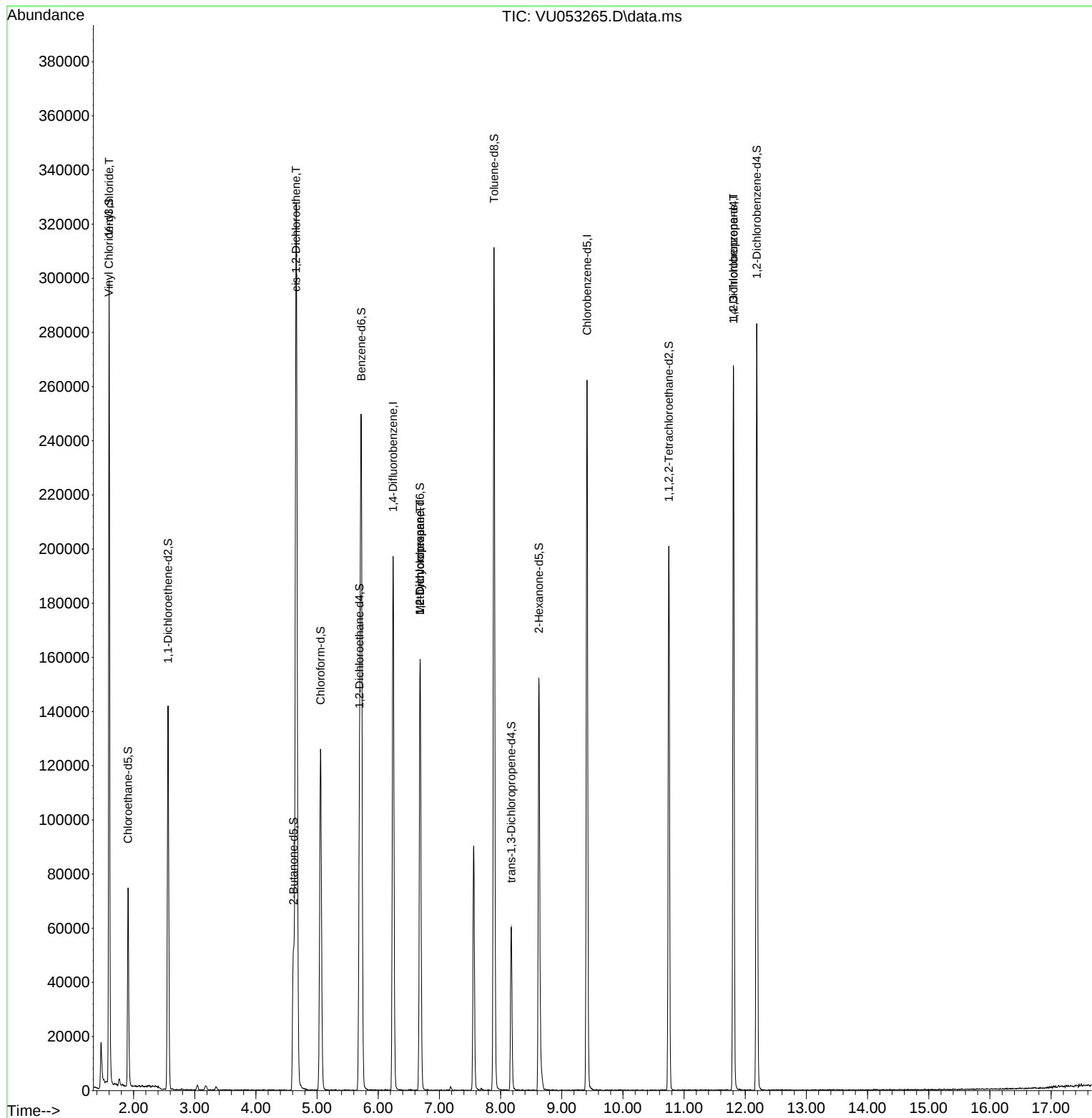
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	155066	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	140953	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64280	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66702	46.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.260%
7) Chloroethane-d5	1.909	69	52853	45.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.340%
11) 1,1-Dichloroethene-d2	2.562	63	84857	34.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.480%
21) 2-Butanone-d5	4.613	46	71435	107.663	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.660%
24) Chloroform-d	5.057	84	110468	46.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.760%
26) 1,2-Dichloroethane-d4	5.694	65	73725	50.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.760%
32) Benzene-d6	5.722	84	236065	51.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.260%
36) 1,2-Dichloropropane-d6	6.684	67	78224	53.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.020%
41) Toluene-d8	7.893	98	207681	48.791	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.580%
43) trans-1,3-Dichloroprop...	8.176	79	35774	49.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.280%
47) 2-Hexanone-d5	8.626	63	54176	117.439	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.440%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100643	52.652	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.300%
66) 1,2-Dichlorobenzene-d4	12.188	152	67273	54.050	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.100%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	147094	90.158	ug/L	100
20) cis-1,2-Dichloroethene	4.658	96	161509	119.006	ug/L	100
35) Methylcyclohexane	6.684	83	17711	7.930	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	8366	6.136	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	9383	7.346	ug/L #	68

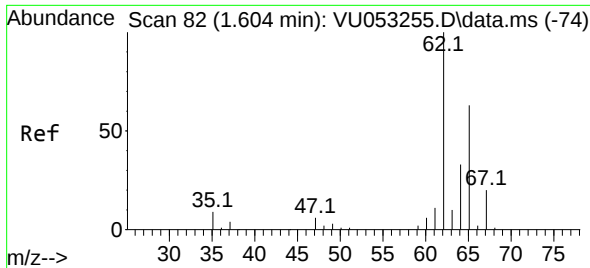
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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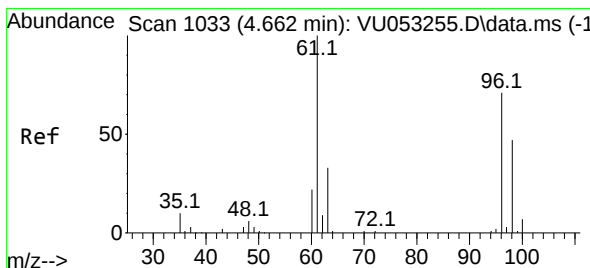
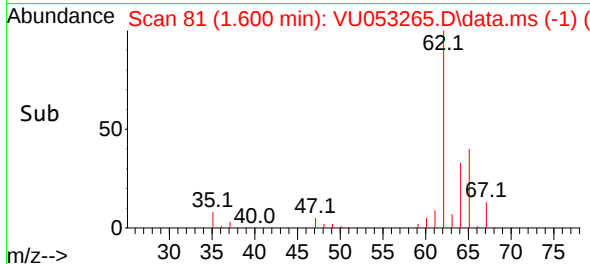
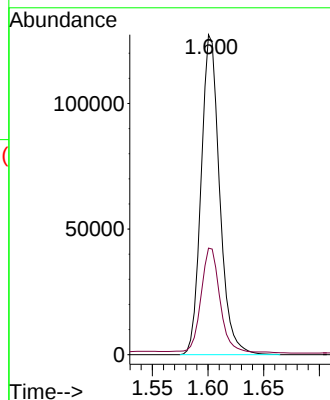
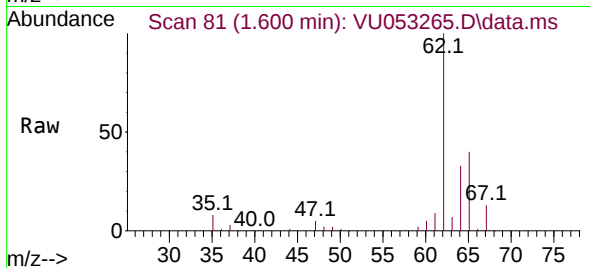




#5
 Vinyl chloride
 Concen: 90.158 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU053265.D
 Acq: 17 Mar 2023 14:26

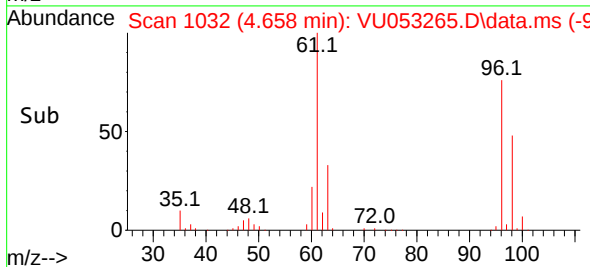
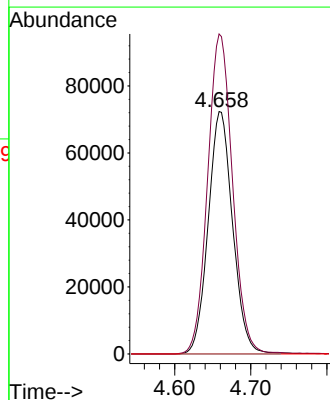
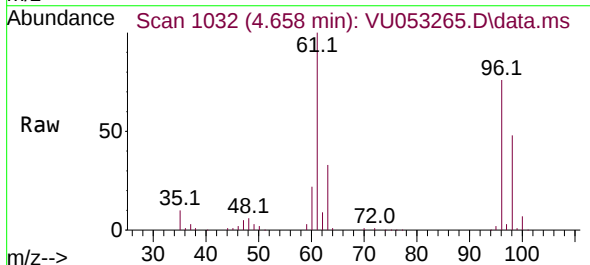
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE8

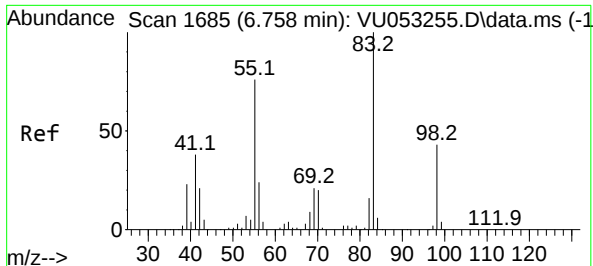
Tgt Ion: 62 Resp: 147094
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.0



#20
 cis-1,2-Dichloroethene
 Concen: 119.006 ug/L
 RT: 4.658 min Scan# 1032
 Delta R.T. -0.003 min
 Lab File: VU053265.D
 Acq: 17 Mar 2023 14:26

Tgt Ion: 96 Resp: 161509
 Ion Ratio Lower Upper
 96 100
 61 132.0 92.5 171.7
 68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 7.930 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

Lab File: VU053265.D

Acq: 17 Mar 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

EYFE8

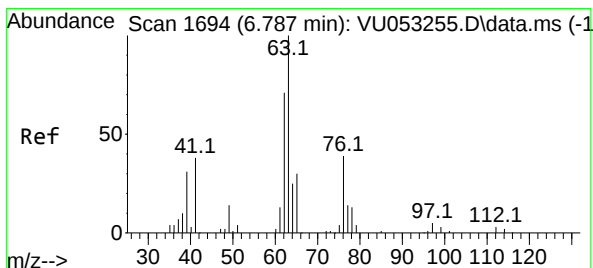
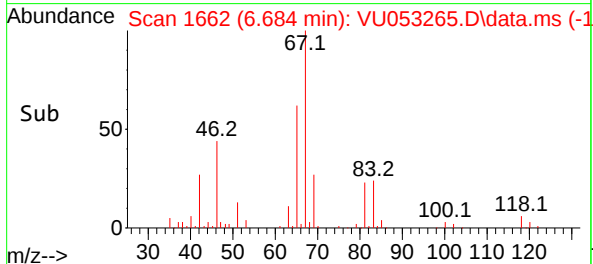
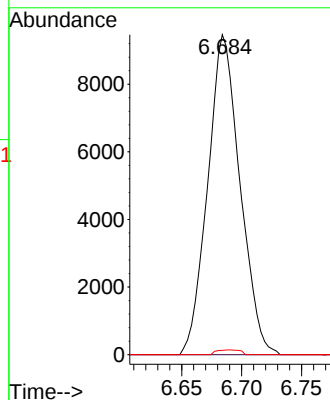
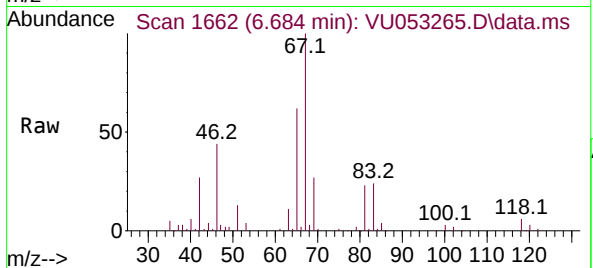
Tgt Ion: 83 Resp: 17711

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 1.1 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 6.136 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053265.D

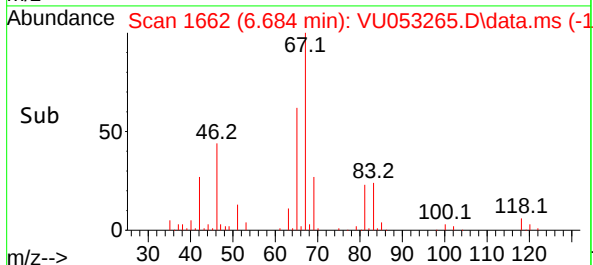
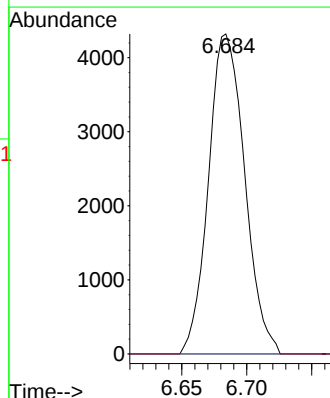
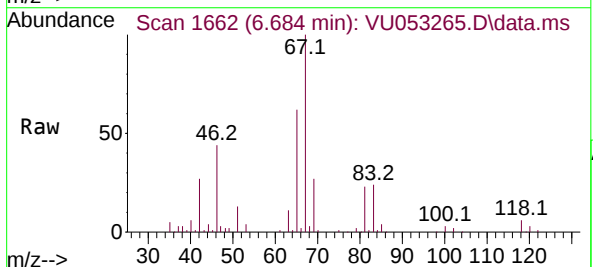
Acq: 17 Mar 2023 14:26

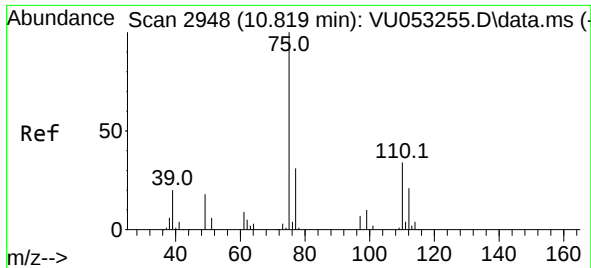
Tgt Ion: 63 Resp: 8366

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.346 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053265.D
 Acq: 17 Mar 2023 14:26

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE8

Tgt Ion: 75 Resp: 9383
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.6 40.0
 110 1.2 28.6 42.8#

