

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053318.D
 Acq On : 21 Mar 2023 12:53
 Operator : JC/MD
 Sample : 01930-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Mar 22 03:10:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

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

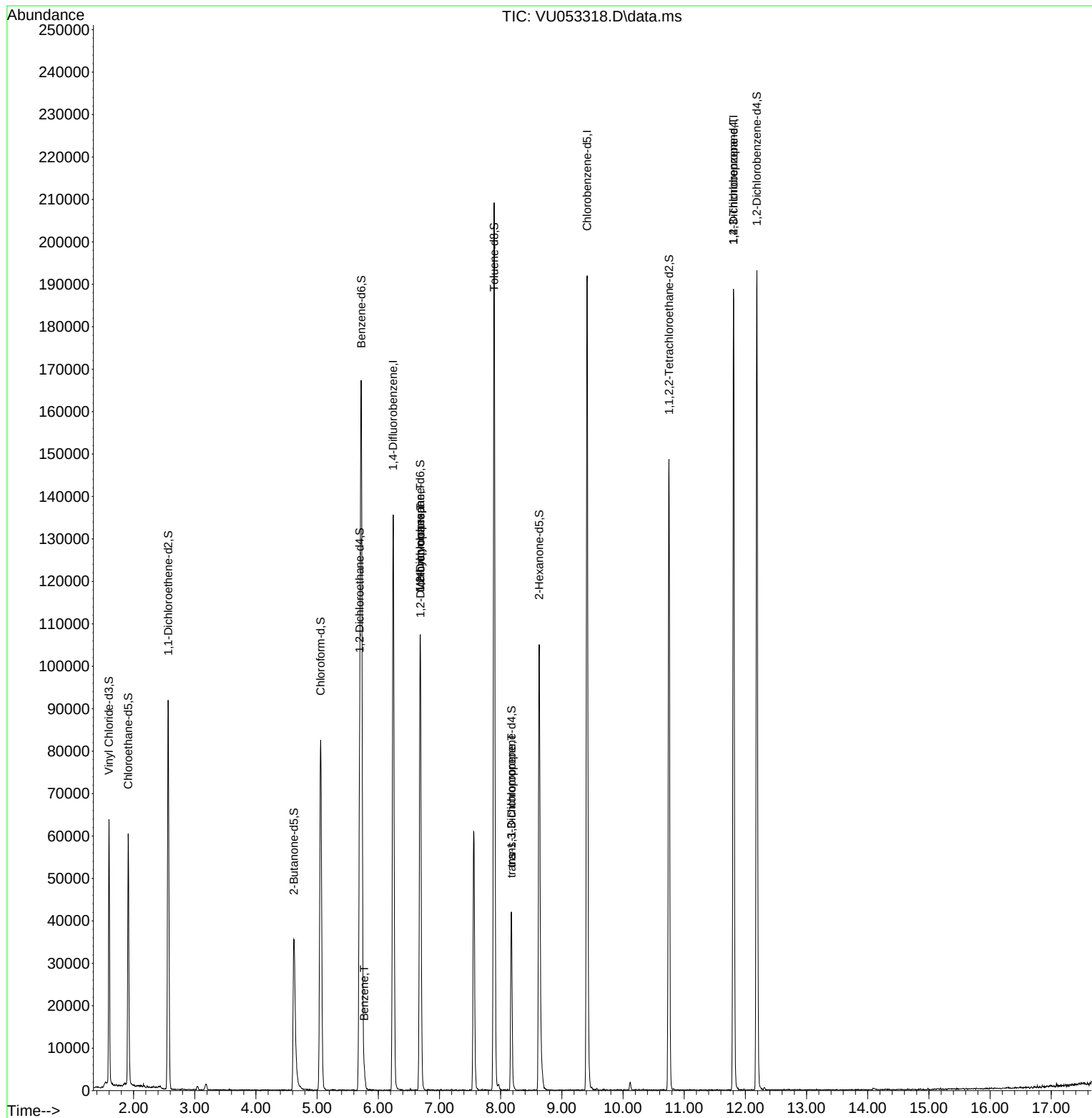
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	104554	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	100196	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	45505	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42999	44.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.160%
7) Chloroethane-d5	1.912	69	41164	52.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.520%
11) 1,1-Dichloroethene-d2	2.565	63	53752	32.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.340%
21) 2-Butanone-d5	4.620	46	55048	123.048	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.050%
24) Chloroform-d	5.057	84	73112	46.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.040%
26) 1,2-Dichloroethane-d4	5.697	65	52165	52.871	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.740%
32) Benzene-d6	5.722	84	154474	47.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.060%
36) 1,2-Dichloropropane-d6	6.684	67	51639	49.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.460%
41) Toluene-d8	7.893	98	138958	45.925	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.860%
43) trans-1,3-Dichloroprop...	8.176	79	24136	46.639	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.280%
47) 2-Hexanone-d5	8.629	63	37665	114.860	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.860%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	71927	52.936	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.880%
66) 1,2-Dichlorobenzene-d4	12.188	152	45432	51.563	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.120%
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	3745	1.078	ug/L	100
35) Methylcyclohexane	6.684	83	11199	7.054	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	5744	5.927	ug/L #	90
44) trans-1,3-Dichloropropene	8.179	75	1265	0.869	ug/L #	69
60) 1,2,3-Trichloropropane	11.806	75	7040	7.786	ug/L #	66

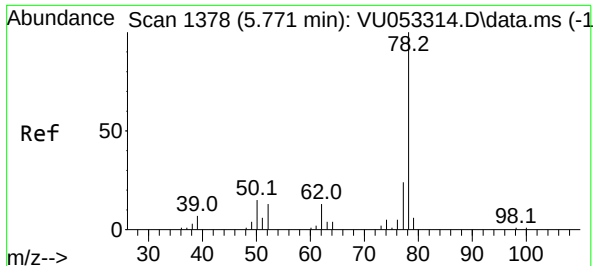
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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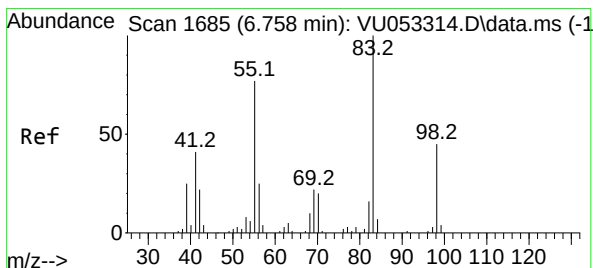
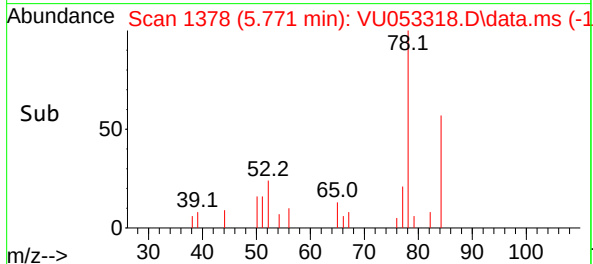
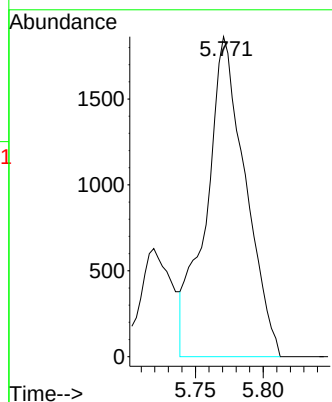
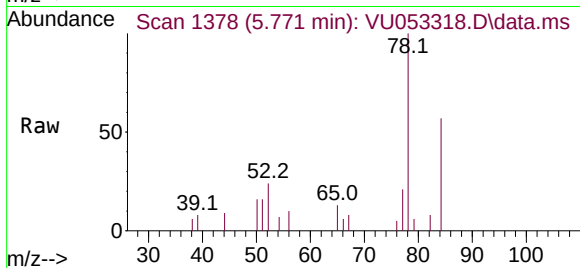




#33
Benzene
Concen: 1.078 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053318.D
Acq: 21 Mar 2023 12:53

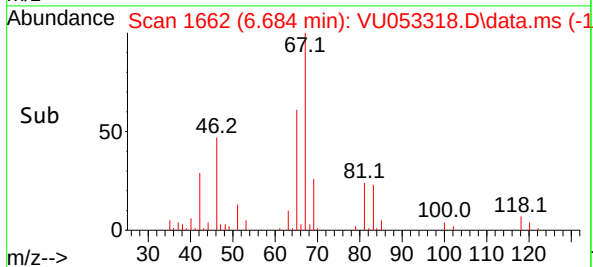
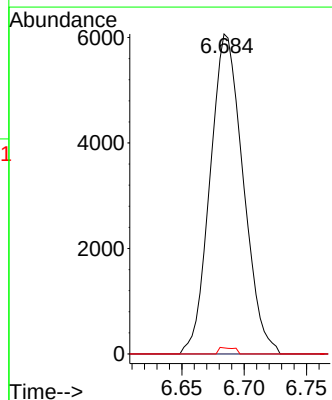
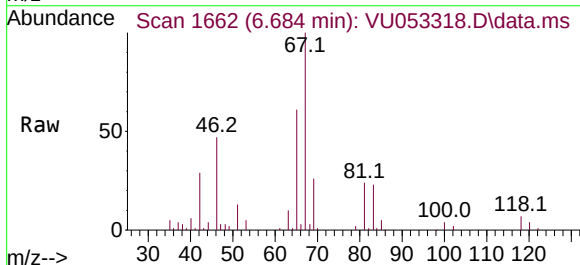
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

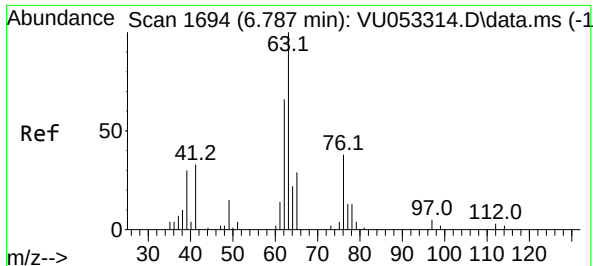
Tgt Ion: 78 Resp: 3745



#35
Methylcyclohexane
Concen: 7.054 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053318.D
Acq: 21 Mar 2023 12:53

Tgt Ion: 83 Resp: 11199
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 0.8 35.4 53.2#





#37

1,2-Dichloropropane

Concen: 5.927 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU053318.D

Acq: 21 Mar 2023 12:53

Instrument :

MSVOA_U

ClientSampleId :

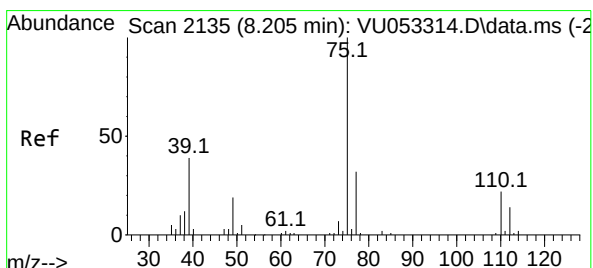
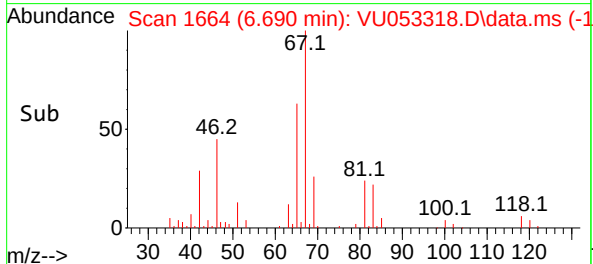
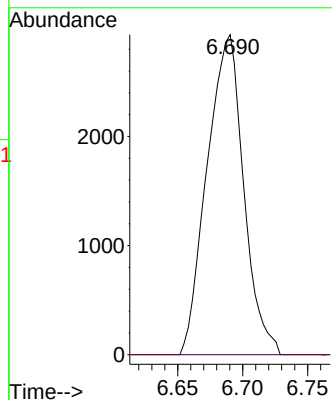
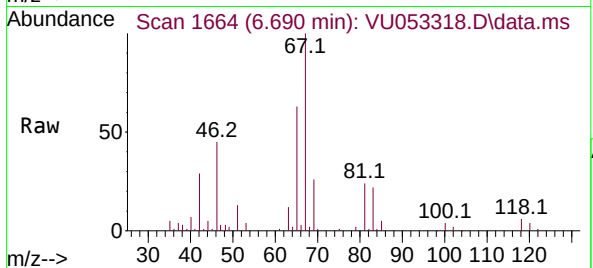
VHBLK001

Tgt Ion: 63 Resp: 5744

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#44

trans-1,3-Dichloropropene

Concen: 0.869 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.026 min

Lab File: VU053318.D

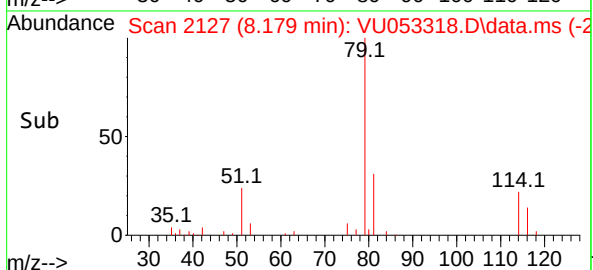
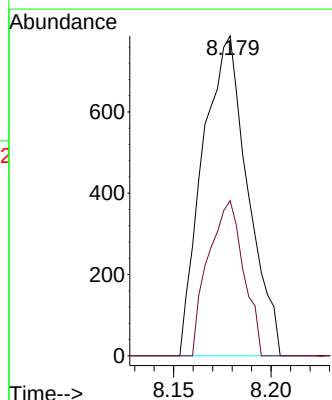
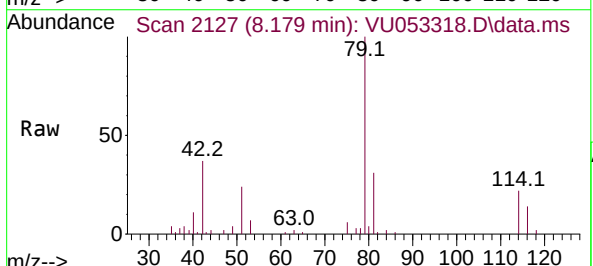
Acq: 21 Mar 2023 12:53

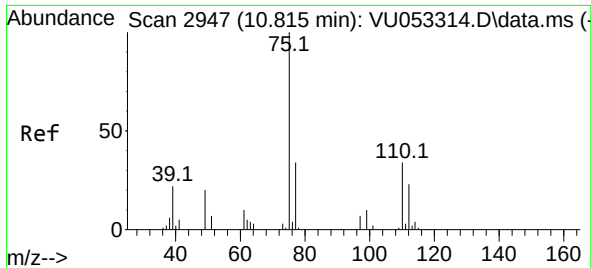
Tgt Ion: 75 Resp: 1265

Ion Ratio Lower Upper

75 100

77 48.5 22.0 40.8#





#60
 1,2,3-Trichloropropane
 Concen: 7.786 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053318.D
 Acq: 21 Mar 2023 12:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	26.6	40.0
110	0.0	28.6	42.8#

