

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041223\
 Data File : VU053671.D
 Acq On : 12 Apr 2023 18:53
 Operator : JC/MD
 Sample : 02252-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMF4

Quant Time: Apr 13 01:43:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 13 01:39:36 2023
 Response via : Initial Calibration

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

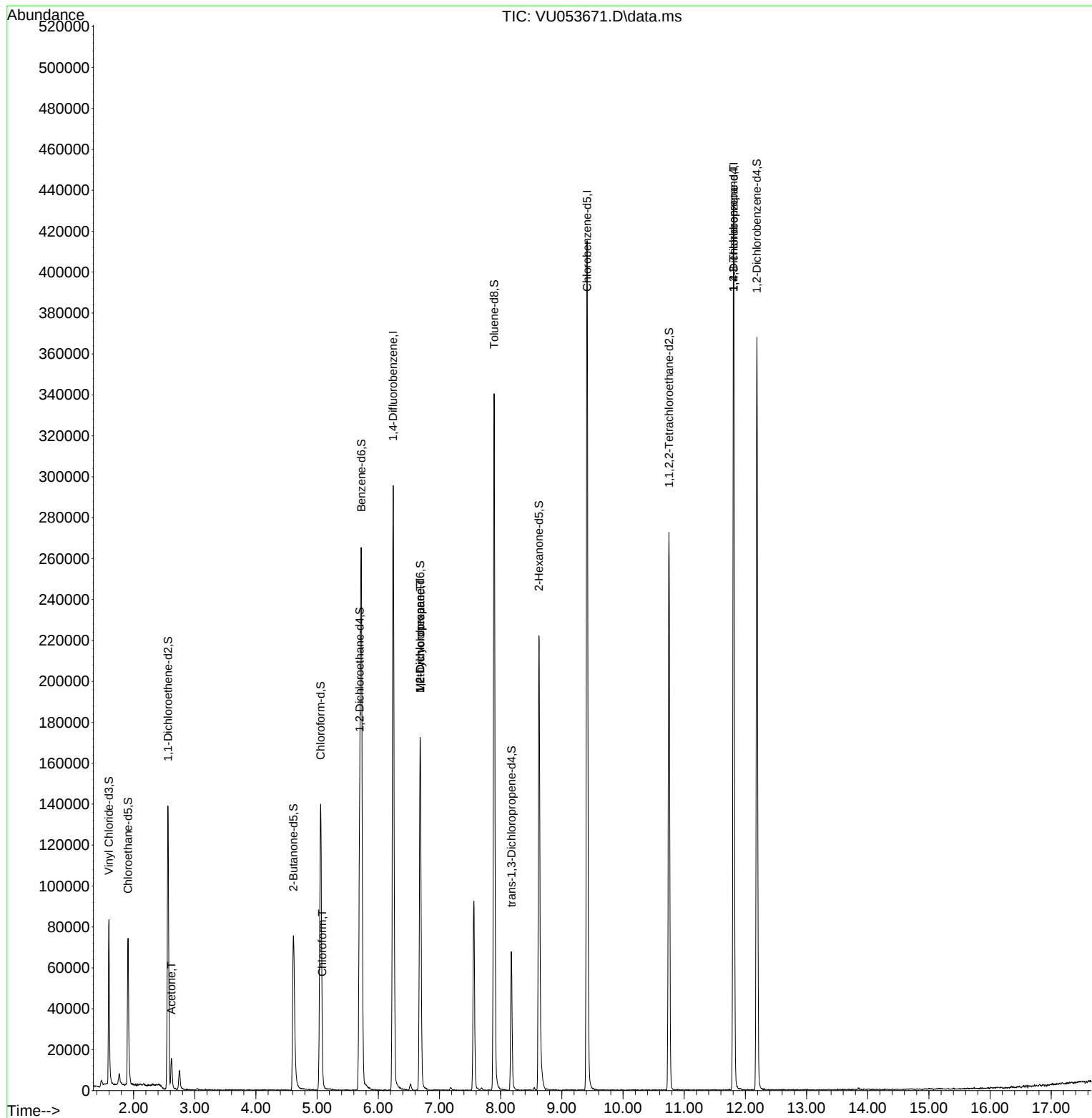
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	250532	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	239491	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	117402	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61350	31.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.900%
7) Chloroethane-d5	1.909	69	57350	38.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.260%
11) 1,1-Dichloroethene-d2	2.562	63	77196	25.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.120%#
21) 2-Butanone-d5	4.613	46	108503	122.847	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.850%
24) Chloroform-d	5.057	84	127060	39.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.760%
26) 1,2-Dichloroethane-d4	5.697	65	85984	45.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.200%
32) Benzene-d6	5.723	84	253372	39.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.380%
36) 1,2-Dichloropropane-d6	6.684	67	84982	43.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.020%
41) Toluene-d8	7.893	98	234884	36.557	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.120%#
43) trans-1,3-Dichloroprop...	8.176	79	39239	38.472	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.940%
47) 2-Hexanone-d5	8.626	63	78758	116.791	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.790%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	134449	48.277	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.560%
66) 1,2-Dichlorobenzene-d4	12.189	152	98705	40.278	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.560%
Target Compounds						
					Qvalue	
13) Acetone	2.617	43	16412	20.676	ug/L	100
25) Chloroform	5.083	83	1932	0.658	ug/L	81
35) Methylcyclohexane	6.684	83	20273	7.308	ug/L #	23
37) 1,2-Dichloropropane	6.684	63	8840	5.579	ug/L #	86
60) 1,2,3-Trichloropropane	11.806	75	15120	8.882	ug/L #	65

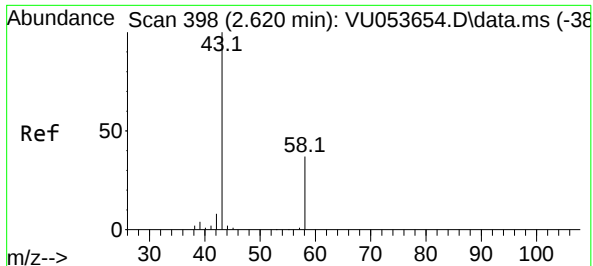
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.676 ug/L

RT: 2.617 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU053671.D

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MSVOA_U

ClientSampleId :

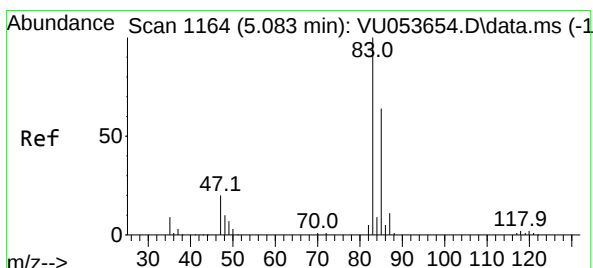
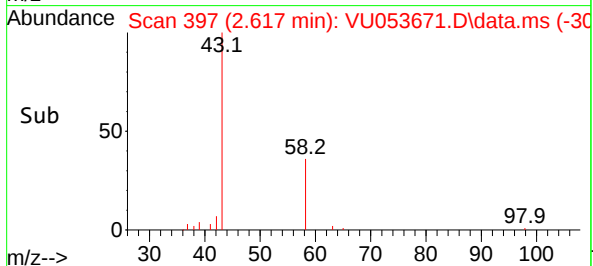
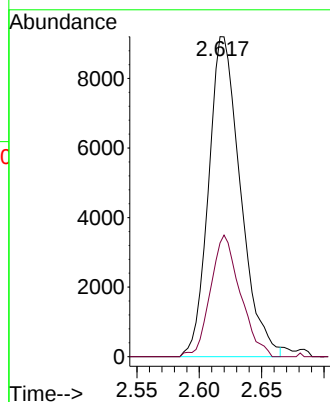
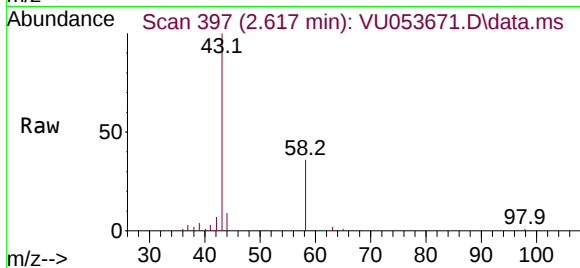
COMF4

Tgt Ion: 43 Resp: 16412

Ion Ratio Lower Upper

43 100

58 35.0 0.0 70.2



#25

Chloroform

Concen: 0.658 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU053671.D

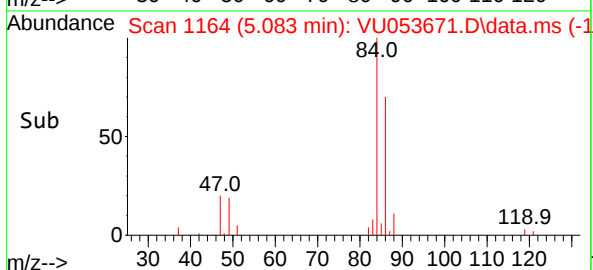
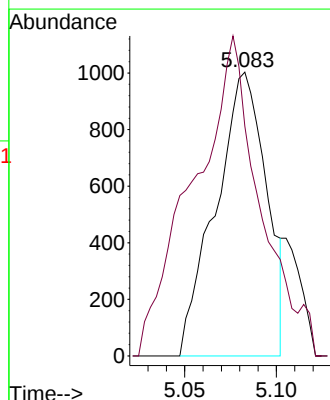
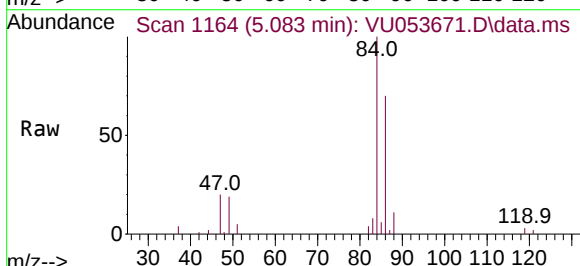
Acq: 12 Apr 2023 18:53

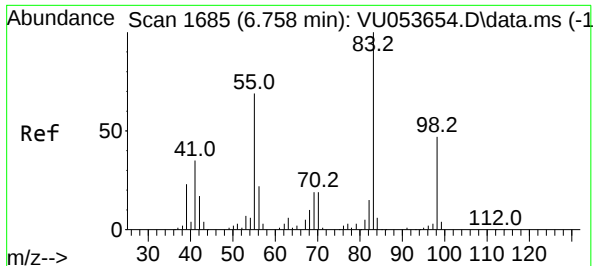
Tgt Ion: 83 Resp: 1932

Ion Ratio Lower Upper

83 100

85 81.0 46.1 85.5

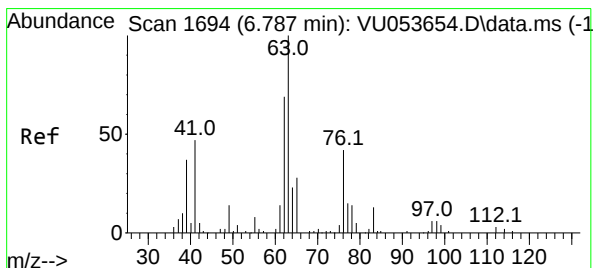
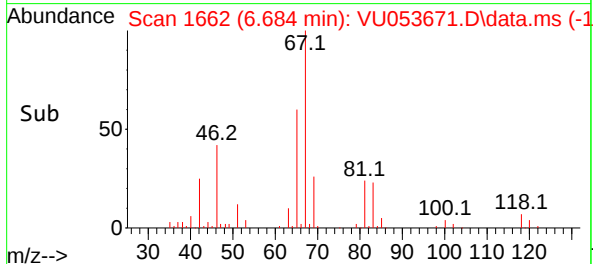
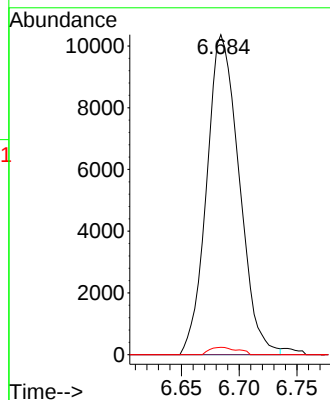
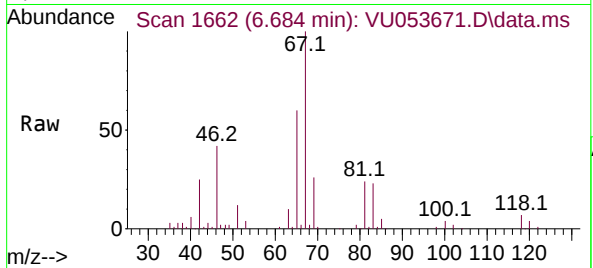




#35
Methylcyclohexane
Concen: 7.308 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053671.D
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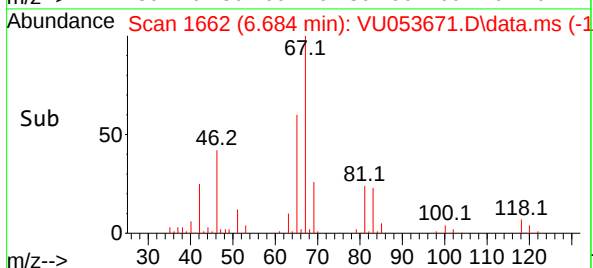
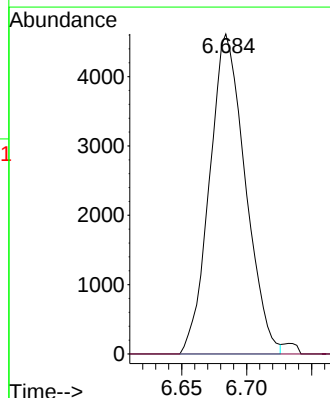
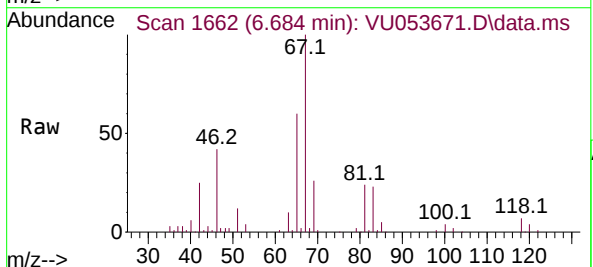
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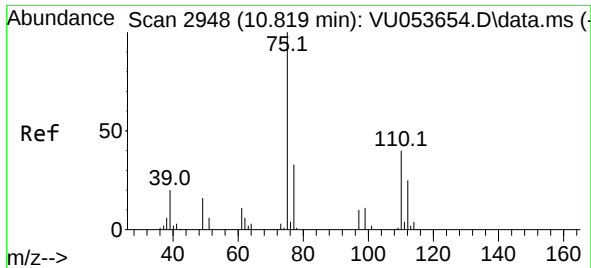
Tgt Ion: 83 Resp: 20273
Ion Ratio Lower Upper
83 100
55 0.0 53.0 79.6#
98 1.6 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 5.579 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053671.D
Acq: 12 Apr 2023 18:53

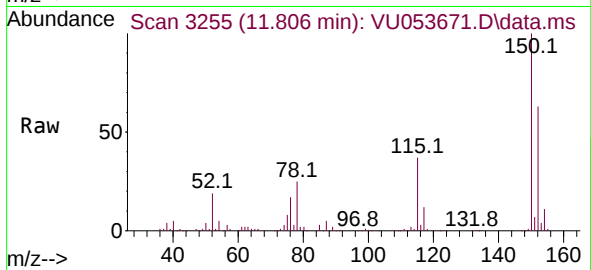
Tgt Ion: 63 Resp: 8840
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#60
 1,2,3-Trichloropropane
 Concen: 8.882 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053671.D
 Acq: 12 Apr 2023 18:53

Instrument :
 MSVOA_U
 ClientSampleId :
 COMF4



Tgt Ion: 75 Resp: 15120
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.0 39.0
 110 2.4 32.6 48.8#

