

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053043.D
 Acq On : 10 Feb 2023 17:12
 Operator : JC/MD
 Sample : 01444-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Feb 10 23:33:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

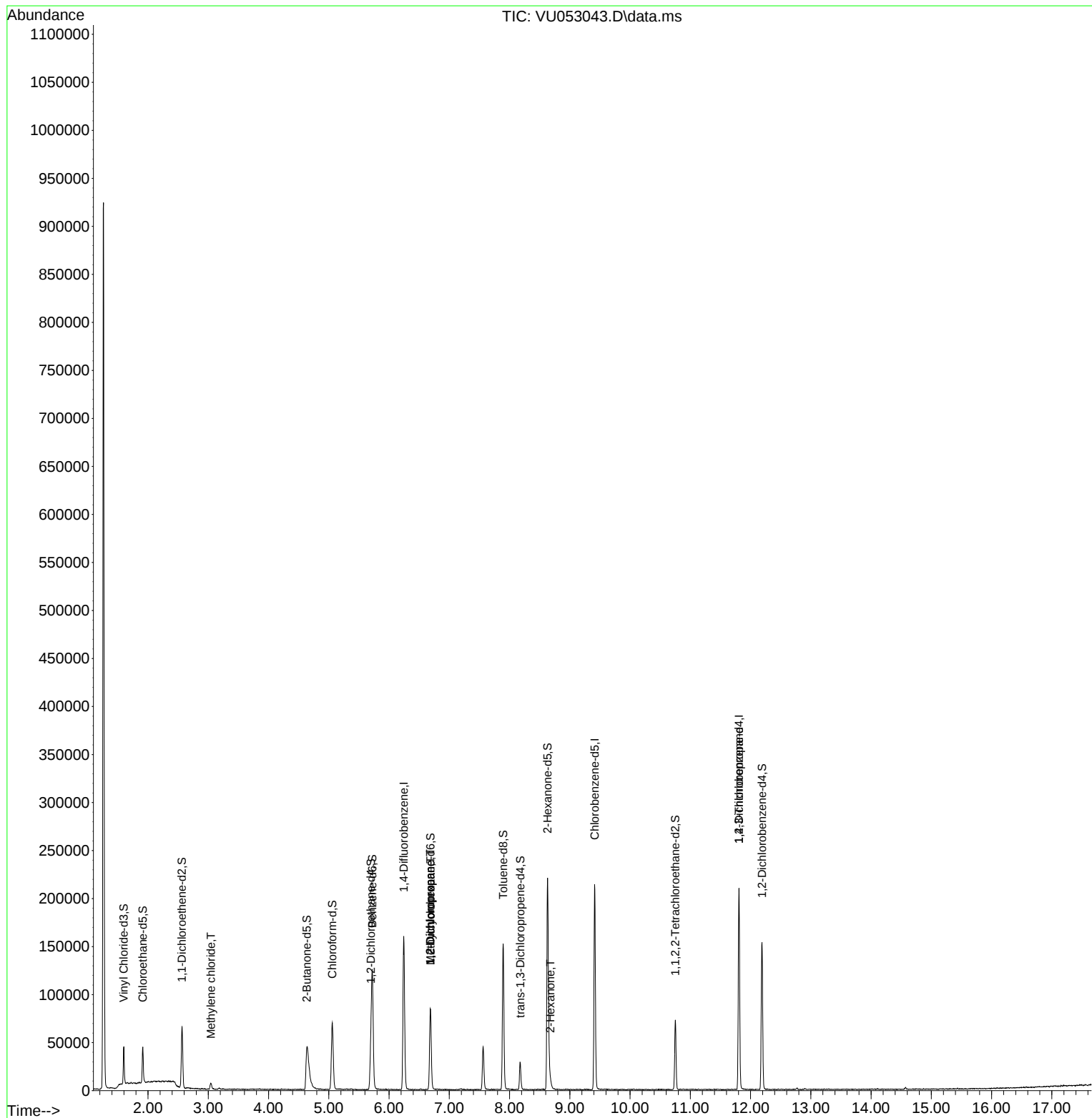
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	129481	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	115814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53051	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	27053	4.361	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.913	69	27439	4.706	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.563	65	12105	4.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.636	46	99063	52.145	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.300%
24) Chloroform-d	5.058	84	62396	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.698	65	33987	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.723	84	120720	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.688	67	41773	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.894	98	103765	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.177	79	16802	4.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.630	63	80620	49.486	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.980%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	36665	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	39092	4.933	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
16) Methylene chloride	3.045	84	3393	0.383	ug/L	90
35) Methylcyclohexane	6.688	83	10067	0.662	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	4297	0.473	ug/L #	90
48) 2-Hexanone	8.678	43	4027	1.157	ug/L #	81
61) 1,2,3-Trichloropropane	11.807	75	7120	1.398	ug/L #	68

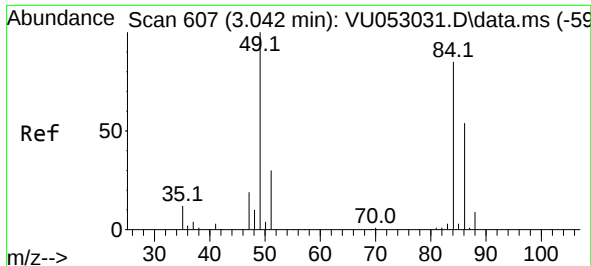
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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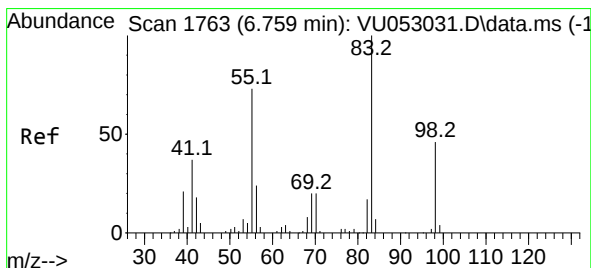
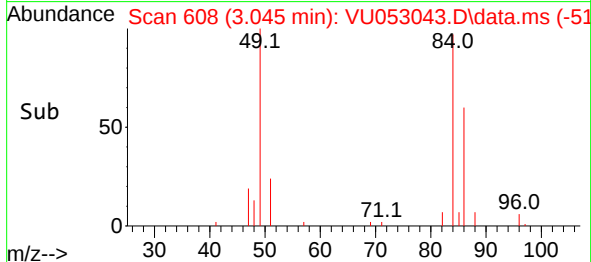
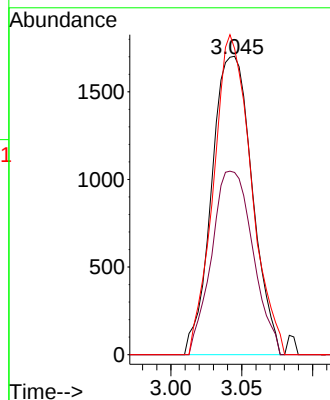
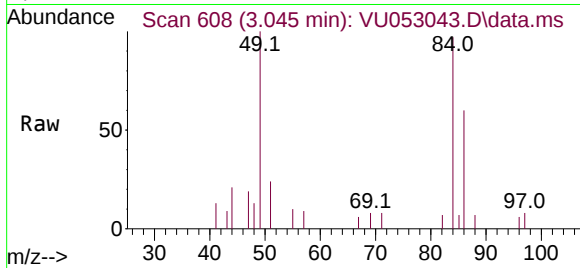




#16
Methylene chloride
Concen: 0.383 ug/L
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053043.D
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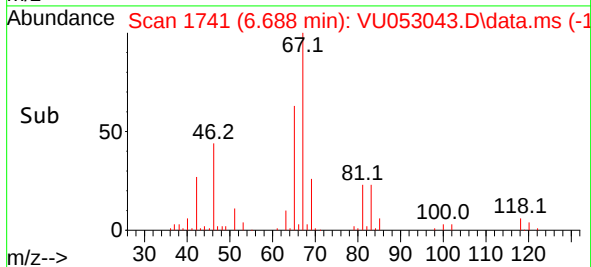
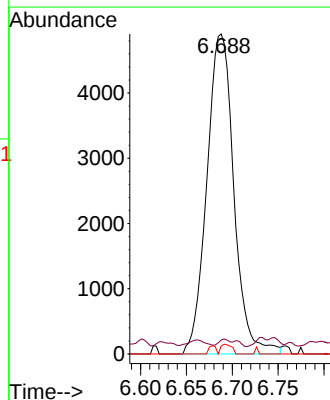
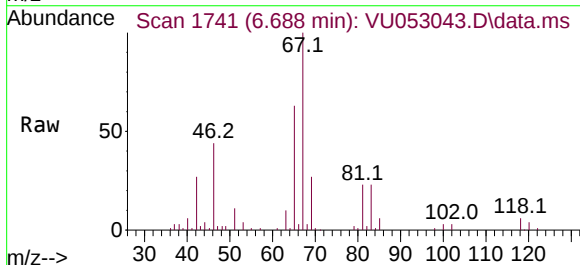
Instrument :
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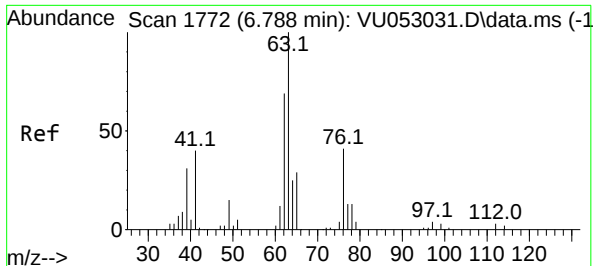
Tgt Ion: 84 Resp: 3393
Ion Ratio Lower Upper
84 100
86 61.1 44.9 83.3
49 102.6 82.6 153.4



#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.071 min
Lab File: VU053043.D
Acq: 10 Feb 2023 17:12

Tgt Ion: 83 Resp: 10067
Ion Ratio Lower Upper
83 100
55 0.8 57.9 86.9#
98 1.2 36.4 54.6#

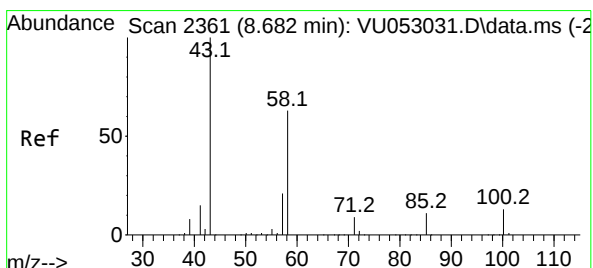
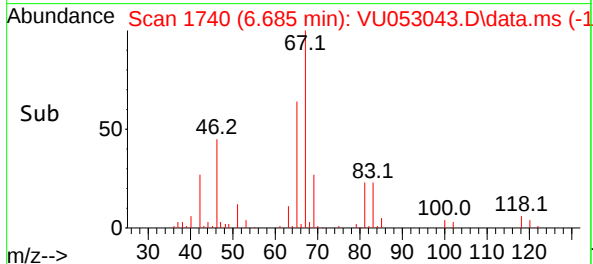
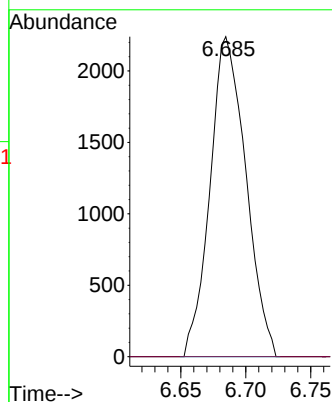
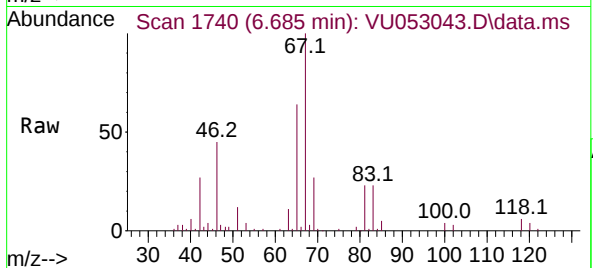




#37
1,2-Dichloropropane
Concen: 0.473 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU053043.D
Acq: 10 Feb 2023 17:12

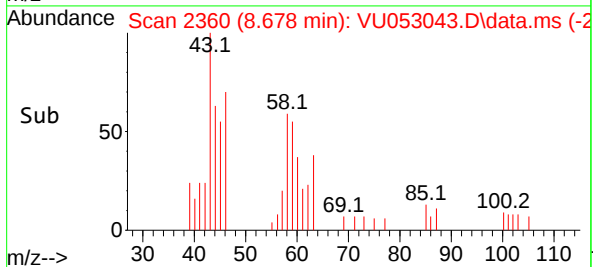
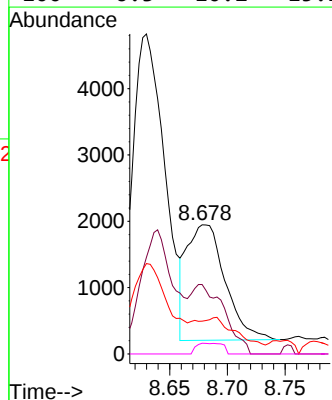
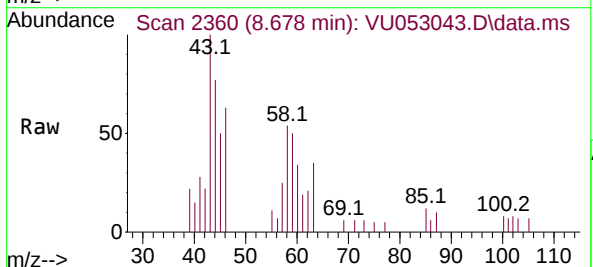
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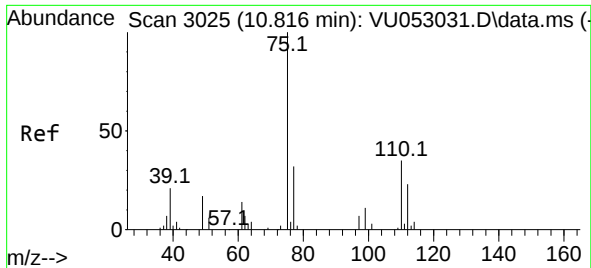
Tgt Ion: 63 Resp: 4297
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#48
2-Hexanone
Concen: 1.157 ug/L
RT: 8.678 min Scan# 2360
Delta R.T. -0.003 min
Lab File: VU053043.D
Acq: 10 Feb 2023 17:12

Tgt Ion: 43 Resp: 4027
Ion Ratio Lower Upper
43 100
58 51.5 50.3 75.5
57 6.6 17.4 26.0#
100 6.3 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.398 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU053043.D

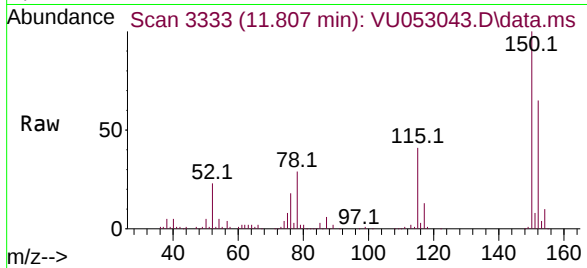
Acq: 10 Feb 2023 17:12

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001



Tgt Ion:	75	Resp:	7120
Ion	Ratio	Lower	Upper
75	100		
110	2.1	28.6	42.8#
77	31.3	27.6	41.4

