

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053072.D
 Acq On : 13 Feb 2023 11:48
 Operator : JC/MD
 Sample : 01512-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B83

Quant Time: Feb 14 00:45:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

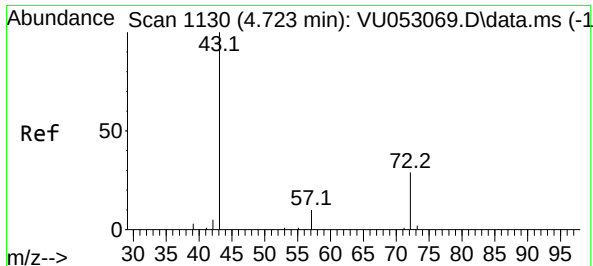
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	119777	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	104867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	47587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	23653	4.122	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.913	69	24460	4.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.563	65	11051	4.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.646	46	84846	48.280	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.560%
24) Chloroform-d	5.058	84	59396	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.698	65	32134	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.723	84	111855	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.685	67	39932	4.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.894	98	96463	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.177	79	15539	4.676	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.630	63	75564	51.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35214	4.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	34003	4.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
21) 2-Butanone	4.813	43	12198	6.545	ug/L #	46
35) Methylcyclohexane	6.685	83	8939	0.649	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	4325	0.526	ug/L #	90
47) Tetrachloroethene	8.550	164	4612	0.834	ug/L	87
48) 2-Hexanone	8.678	43	3370	1.069	ug/L #	39
49) Dibromochloromethane	8.550	129	5228	0.809	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	6305	1.380	ug/L #	68

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

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#21

2-Butanone

Concen: 6.545 ug/L

RT: 4.813 min Scan# 1130

Delta R.T. 0.090 min

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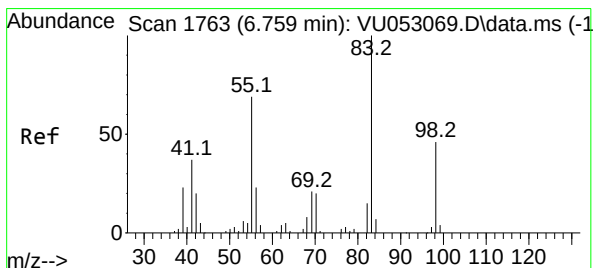
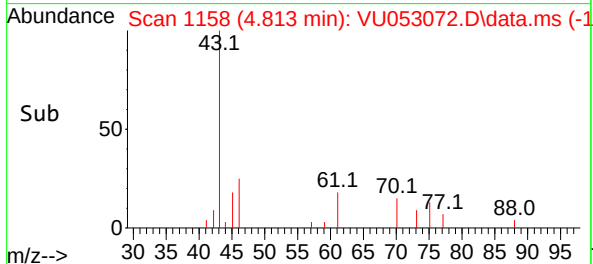
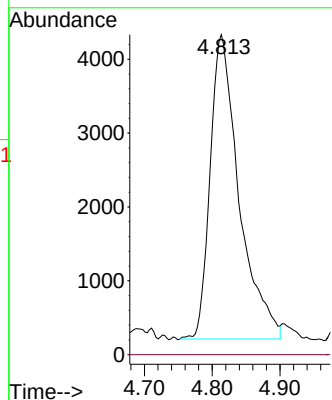
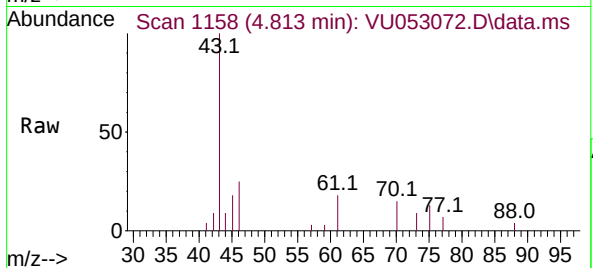
C0B83

Tgt Ion: 43 Resp: 12198

Ion Ratio Lower Upper

43 100

72 0.0 14.5 43.5#



#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 6.685 min Scan# 1740

Delta R.T. -0.074 min

Lab File: VU053072.D

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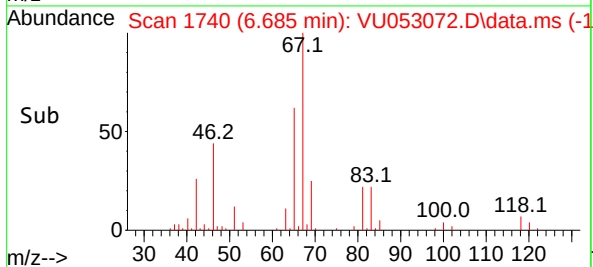
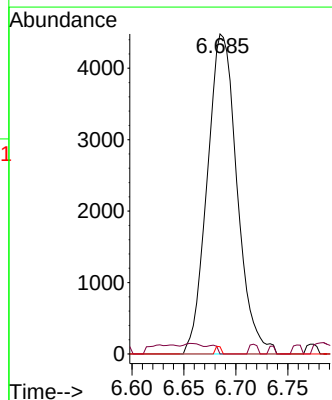
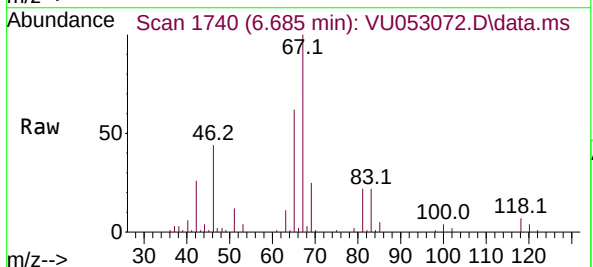
Tgt Ion: 83 Resp: 8939

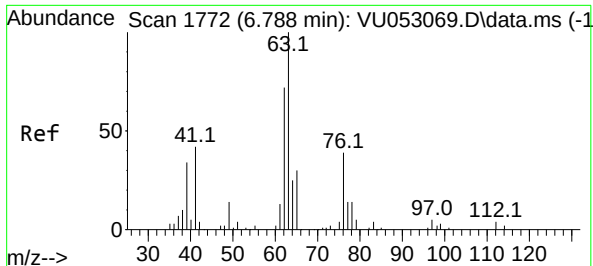
Ion Ratio Lower Upper

83 100

55 0.7 57.9 86.9#

98 0.4 36.4 54.6#

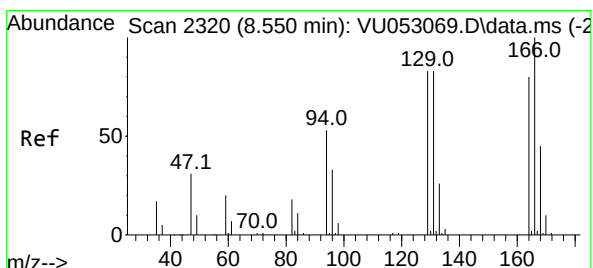
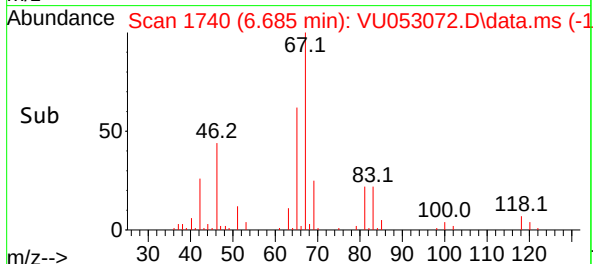
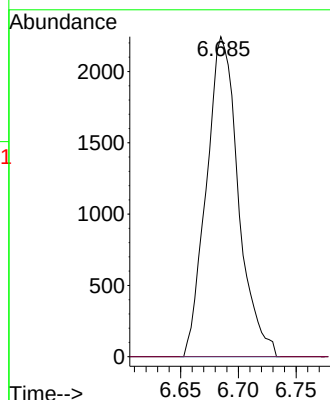
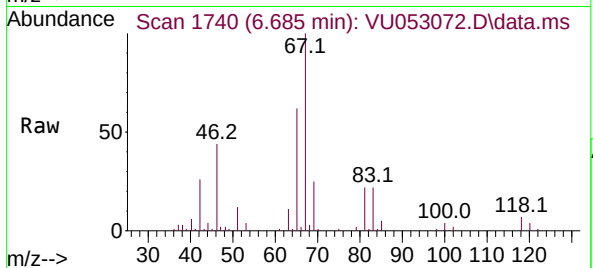




#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU053072.D
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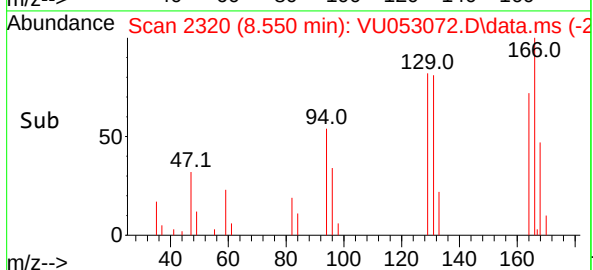
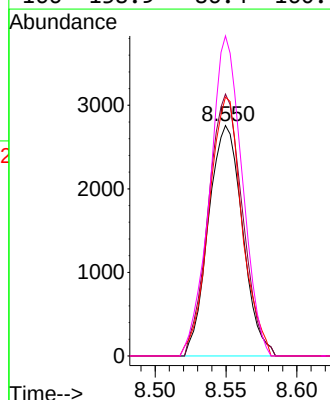
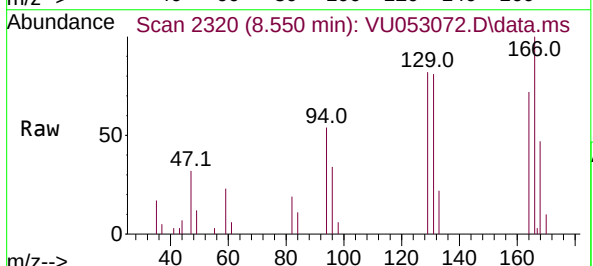
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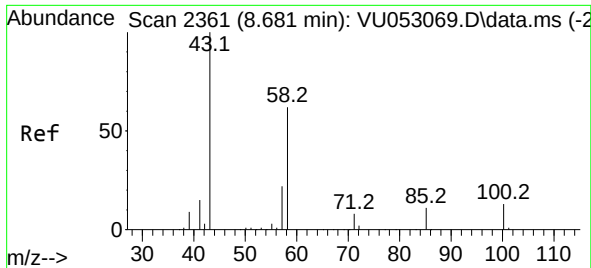
Tgt Ion: 63 Resp: 4325
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 0.834 ug/L
RT: 8.550 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053072.D
Acq: 13 Feb 2023 11:48

Tgt Ion: 164 Resp: 4612
Ion Ratio Lower Upper
164 100
129 113.6 71.7 133.1
131 112.4 67.8 126.0
166 138.9 86.4 160.4

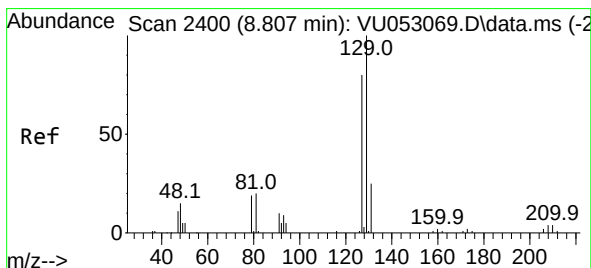
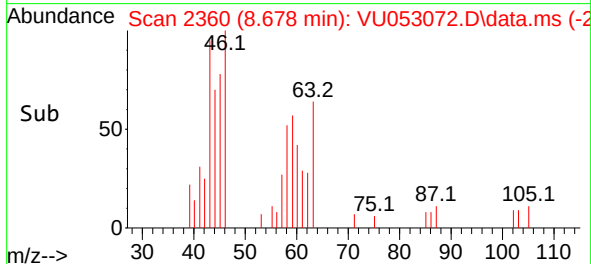
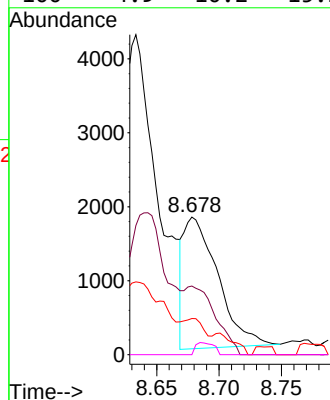
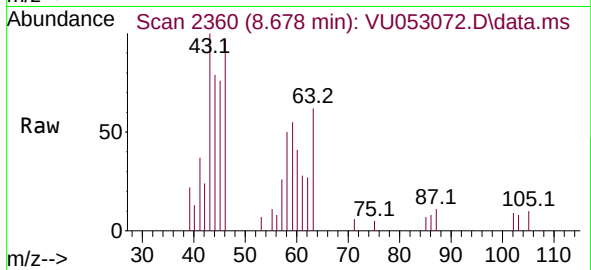




#48
2-Hexanone
Concen: 1.069 ug/L
RT: 8.678 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053072.D
Acq: 13 Feb 2023 11:48

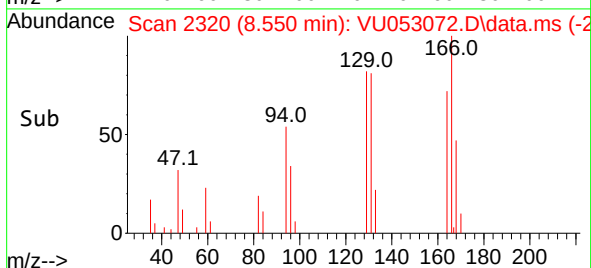
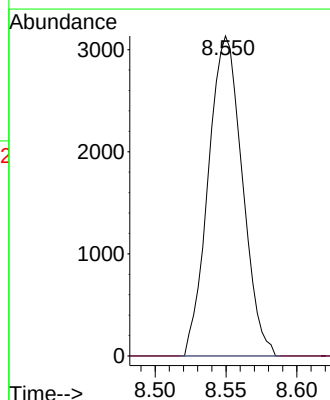
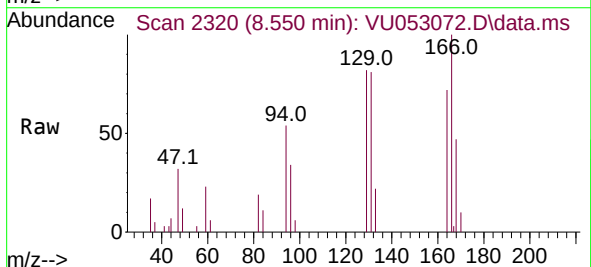
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C0B83

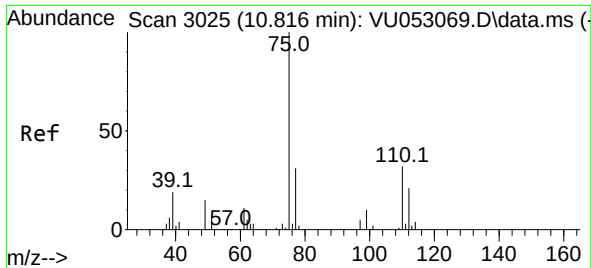
Tgt Ion: 43	Resp: 3370
Ion Ratio	Lower Upper
43 100	
58 0.0	50.3 75.5#
57 9.2	17.4 26.0#
100 4.9	10.2 15.2#



#49
Dibromochloromethane
Concen: 0.809 ug/L
RT: 8.550 min Scan# 2320
Delta R.T. -0.257 min
Lab File: VU053072.D
Acq: 13 Feb 2023 11:48

Tgt Ion:129	Resp:	5228	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	102.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.380 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053072.D
 Acq: 13 Feb 2023 11:48

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B83

Tgt Ion: 75 Resp: 6305
 Ion Ratio Lower Upper
 75 100
 110 1.0 28.6 42.8#
 77 36.3 27.6 41.4

