

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053080.D
 Acq On : 13 Feb 2023 14:58
 Operator : JC/MD
 Sample : 01533-07DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM78DL

Quant Time: Feb 14 00:47:05 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

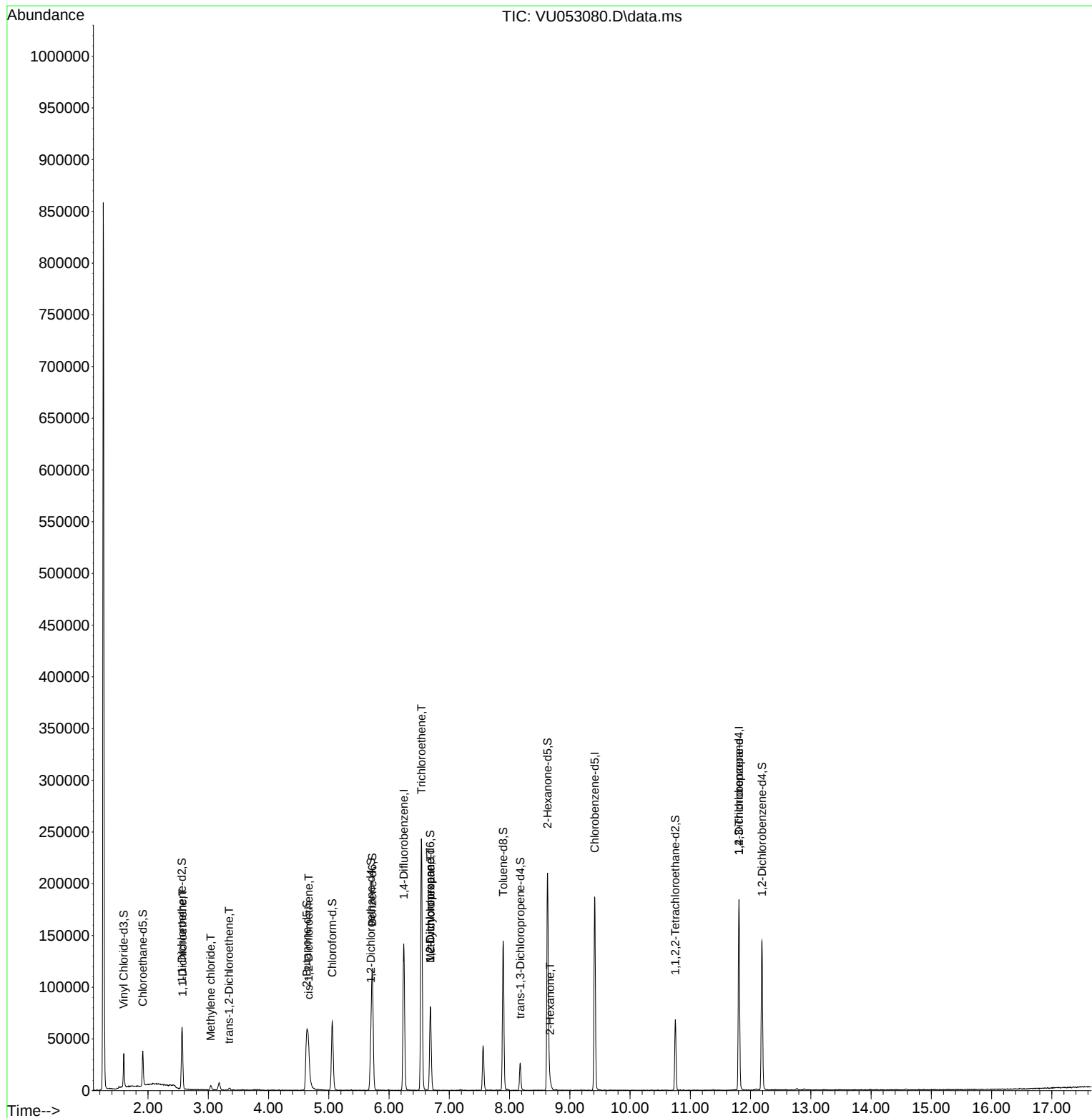
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	115850	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	100136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45342	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	23098	4.162	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.913	69	25159	4.823	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.563	65	10892	4.279	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.600%	
20) 2-Butanone-d5	4.633	46	93519	55.019	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.040%	
24) Chloroform-d	5.058	84	60262	4.718	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.698	65	32276	5.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.723	84	112128	4.983	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
36) 1,2-Dichloropropane-d6	6.685	67	39815	5.080	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.894	98	97182	4.781	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
43) trans-1,3-Dichloroprop...	8.177	79	15517	4.890	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.800%	
46) 2-Hexanone-d5	8.630	63	76748	54.485	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.980%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34690	5.154	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	35081	5.179	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.572	96	1494	0.218	ug/L #	1
16) Methylene chloride	3.042	84	2326	0.293	ug/L	89
18) trans-1,2-Dichloroethene	3.347	96	1086	0.150	ug/L	86
22) cis-1,2-Dichloroethene	4.665	96	10772	1.316	ug/L	95
34) Trichloroethene	6.537	95	83736	10.313	ug/L	99
35) Methylcyclohexane	6.688	83	9105	0.693	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	4289	0.546	ug/L #	90
48) 2-Hexanone	8.675	43	3050	1.013	ug/L #	44
61) 1,2,3-Trichloropropane	11.807	75	6252	1.436	ug/L #	69

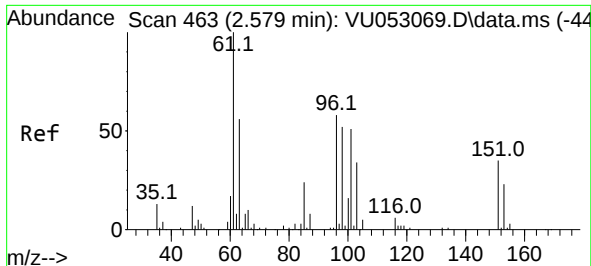
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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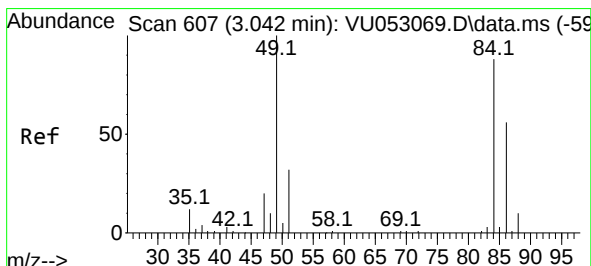
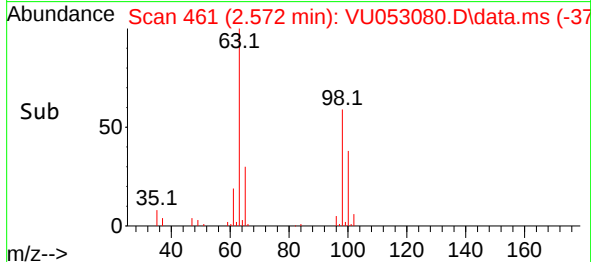
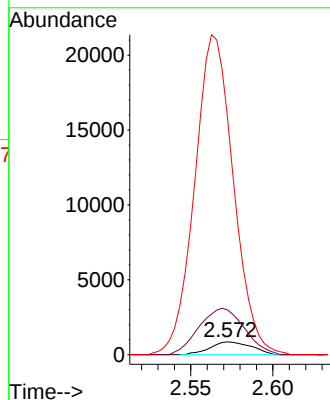
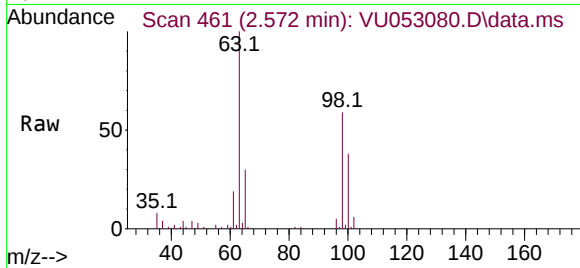




#12
1,1-Dichloroethene
Concen: 0.218 ug/L
RT: 2.572 min Scan# 461
Delta R.T. -0.007 min
Lab File: VU053080.D
Acq: 13 Feb 2023 14:58

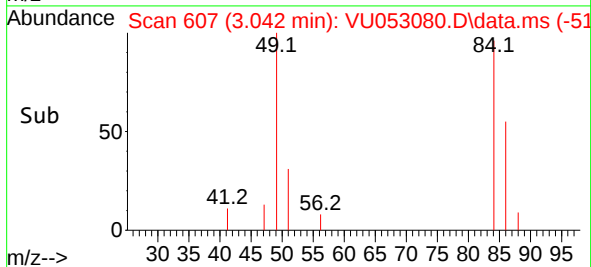
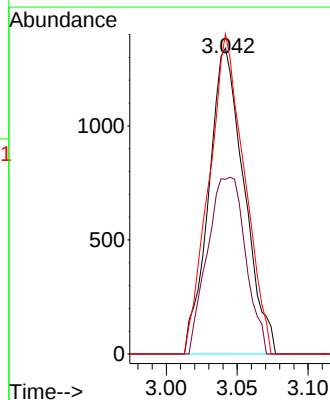
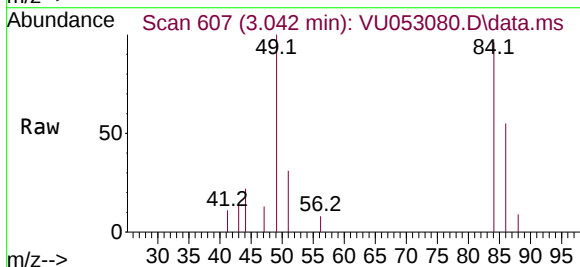
Instrument :
MSVOA_U
ClientSampleId :
COM78DL

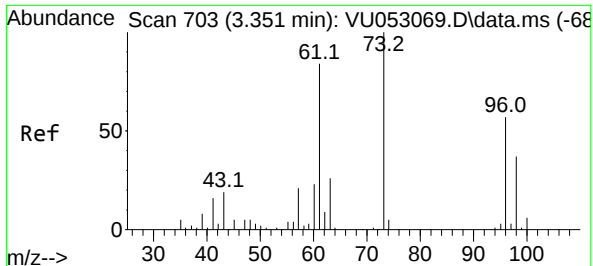
Tgt Ion: 96 Resp: 1494
Ion Ratio Lower Upper
96 100
61 350.5 115.1 213.7#
63 1861.7 63.6 118.0#



#16
Methylene chloride
Concen: 0.293 ug/L
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053080.D
Acq: 13 Feb 2023 14:58

Tgt Ion: 84 Resp: 2326
Ion Ratio Lower Upper
84 100
86 57.1 44.9 83.3
49 104.6 82.6 153.4

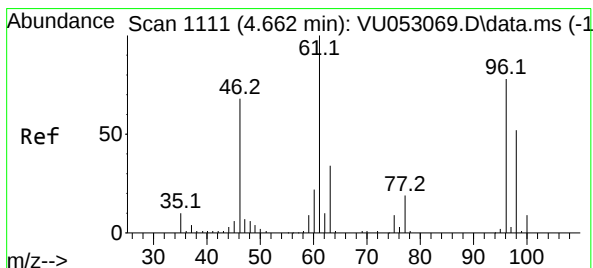
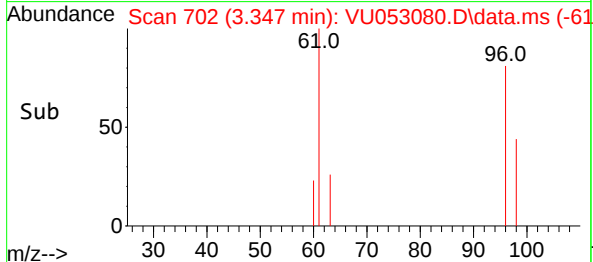
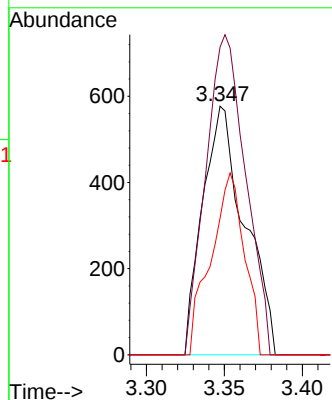
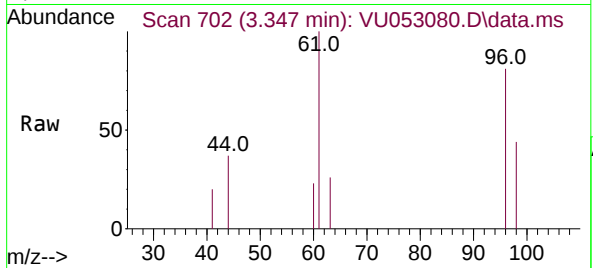




#18
trans-1,2-Dichloroethene
Concen: 0.150 ug/L
RT: 3.347 min Scan# 703
Delta R.T. -0.003 min
Lab File: VU053080.D
Acq: 13 Feb 2023 14:58

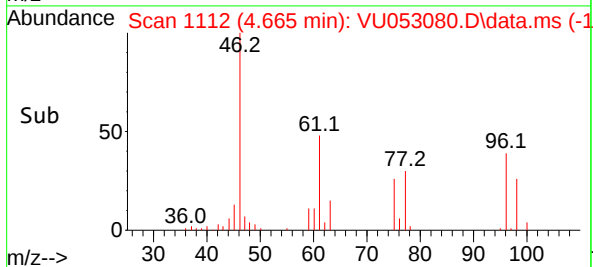
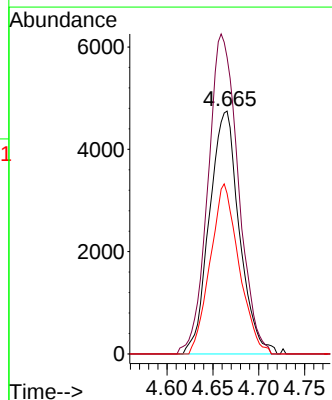
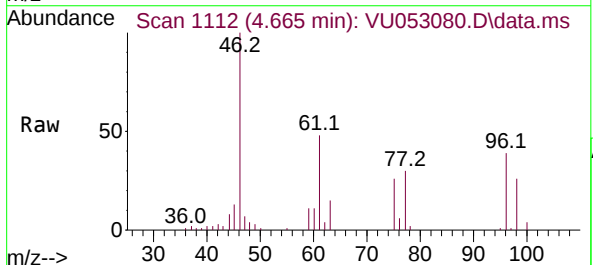
Instrument :
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ClientSampleId :
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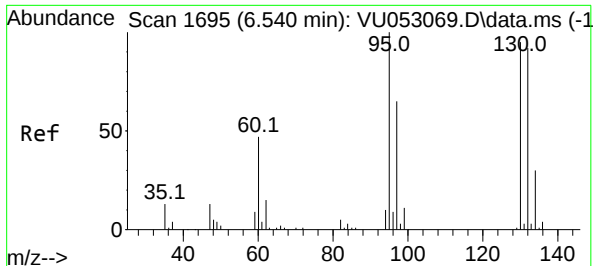
Tgt Ion: 96 Resp: 1086
Ion Ratio Lower Upper
96 100
61 123.7 99.5 184.9
98 54.9 44.8 83.2



#22
cis-1,2-Dichloroethene
Concen: 1.316 ug/L
RT: 4.665 min Scan# 1112
Delta R.T. 0.003 min
Lab File: VU053080.D
Acq: 13 Feb 2023 14:58

Tgt Ion: 96 Resp: 10772
Ion Ratio Lower Upper
96 100
61 122.1 90.9 168.9
98 66.1 47.0 87.4

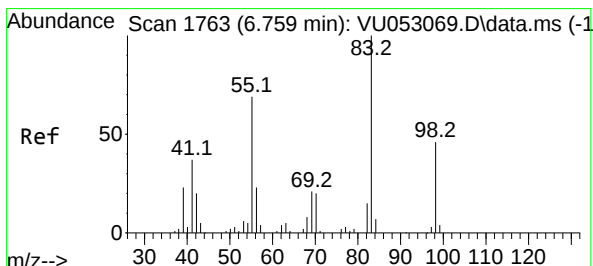
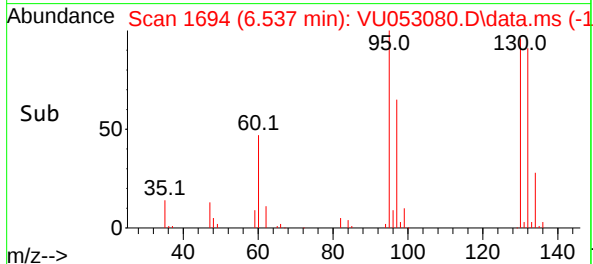
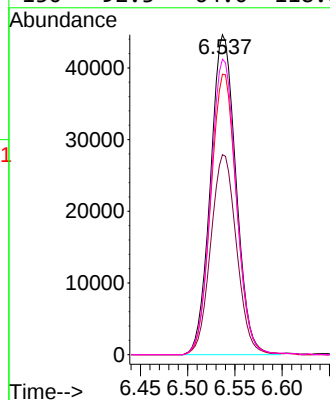
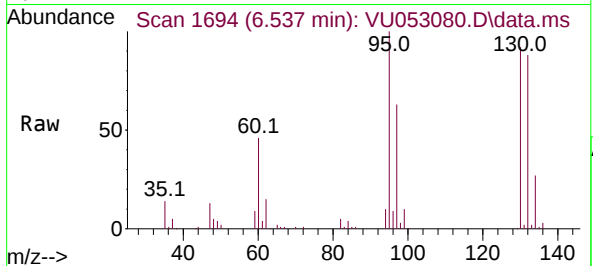




#34
Trichloroethene
Concen: 10.313 ug/L
RT: 6.537 min Scan# 1740
Delta R.T. -0.003 min
Lab File: VU053080.D
Acq: 13 Feb 2023 14:58

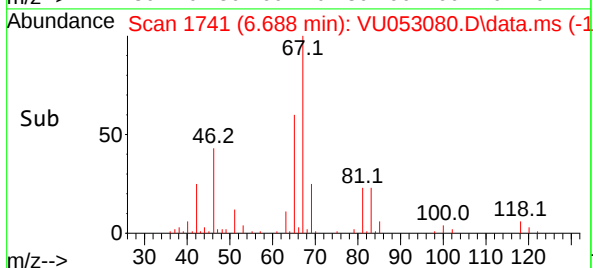
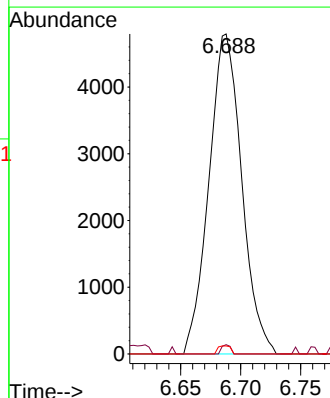
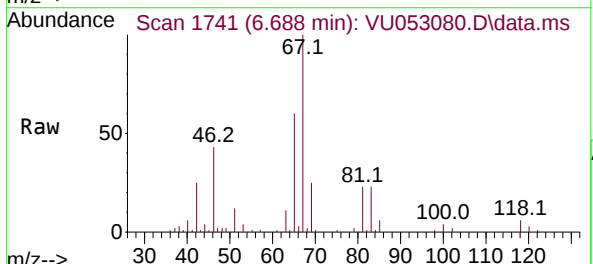
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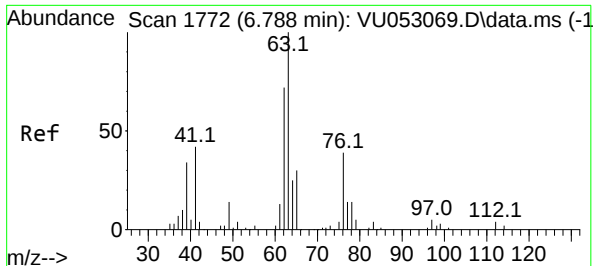
Tgt Ion: 95 Resp: 83736
Ion Ratio Lower Upper
95 100
97 62.5 44.7 82.9
132 87.7 62.3 115.7
130 92.3 64.0 118.8



#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.071 min
Lab File: VU053080.D
Acq: 13 Feb 2023 14:58

Tgt Ion: 83 Resp: 9105
Ion Ratio Lower Upper
83 100
55 0.8 57.9 86.9#
98 1.0 36.4 54.6#

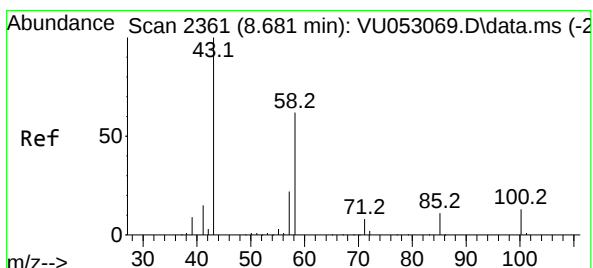
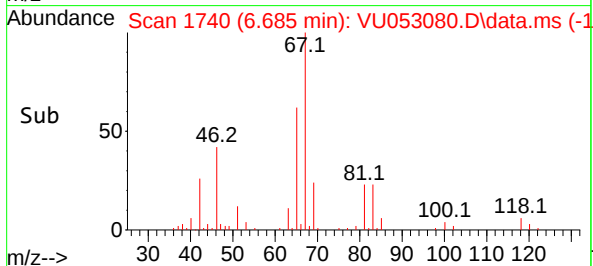
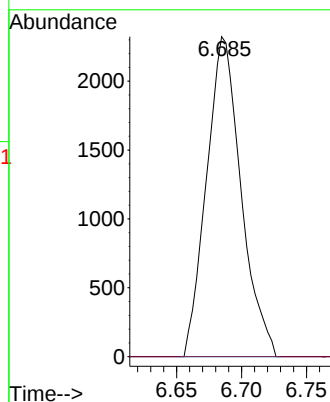
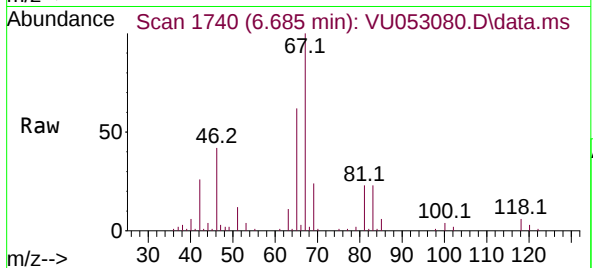




#37
1,2-Dichloropropane
Concen: 0.546 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU053080.D
Acq: 13 Feb 2023 14:58

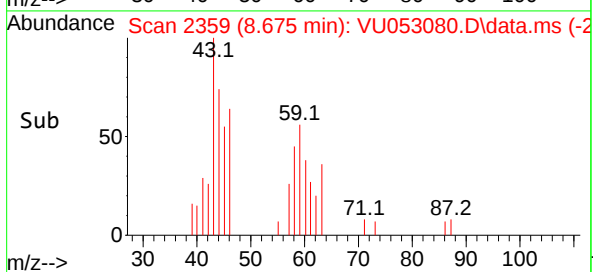
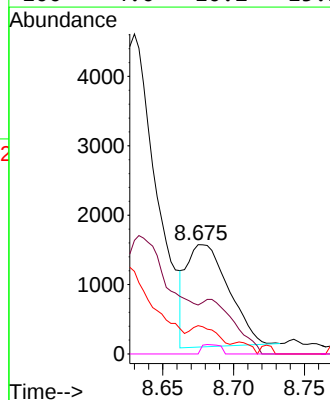
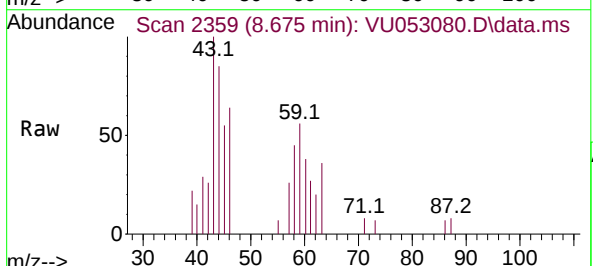
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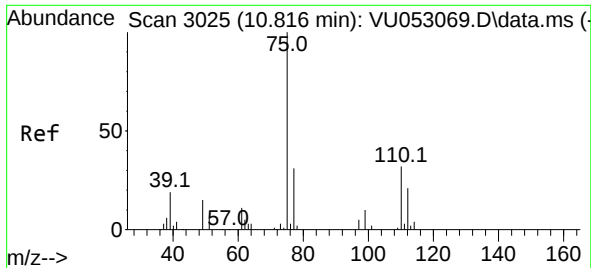
Tgt Ion: 63 Resp: 4289
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#48
2-Hexanone
Concen: 1.013 ug/L
RT: 8.675 min Scan# 2359
Delta R.T. -0.007 min
Lab File: VU053080.D
Acq: 13 Feb 2023 14:58

Tgt Ion: 43 Resp: 3050
Ion Ratio Lower Upper
43 100
58 0.0 50.3 75.5#
57 19.3 17.4 26.0
100 4.0 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.436 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053080.D
 Acq: 13 Feb 2023 14:58

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Tgt Ion: 75 Resp: 6252
 Ion Ratio Lower Upper
 75 100
 110 1.0 28.6 42.8#
 77 33.9 27.6 41.4

