

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053079.D
 Acq On : 13 Feb 2023 14:34
 Operator : JC/MD
 Sample : 01533-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM79DL

Quant Time: Feb 14 00:46:52 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)

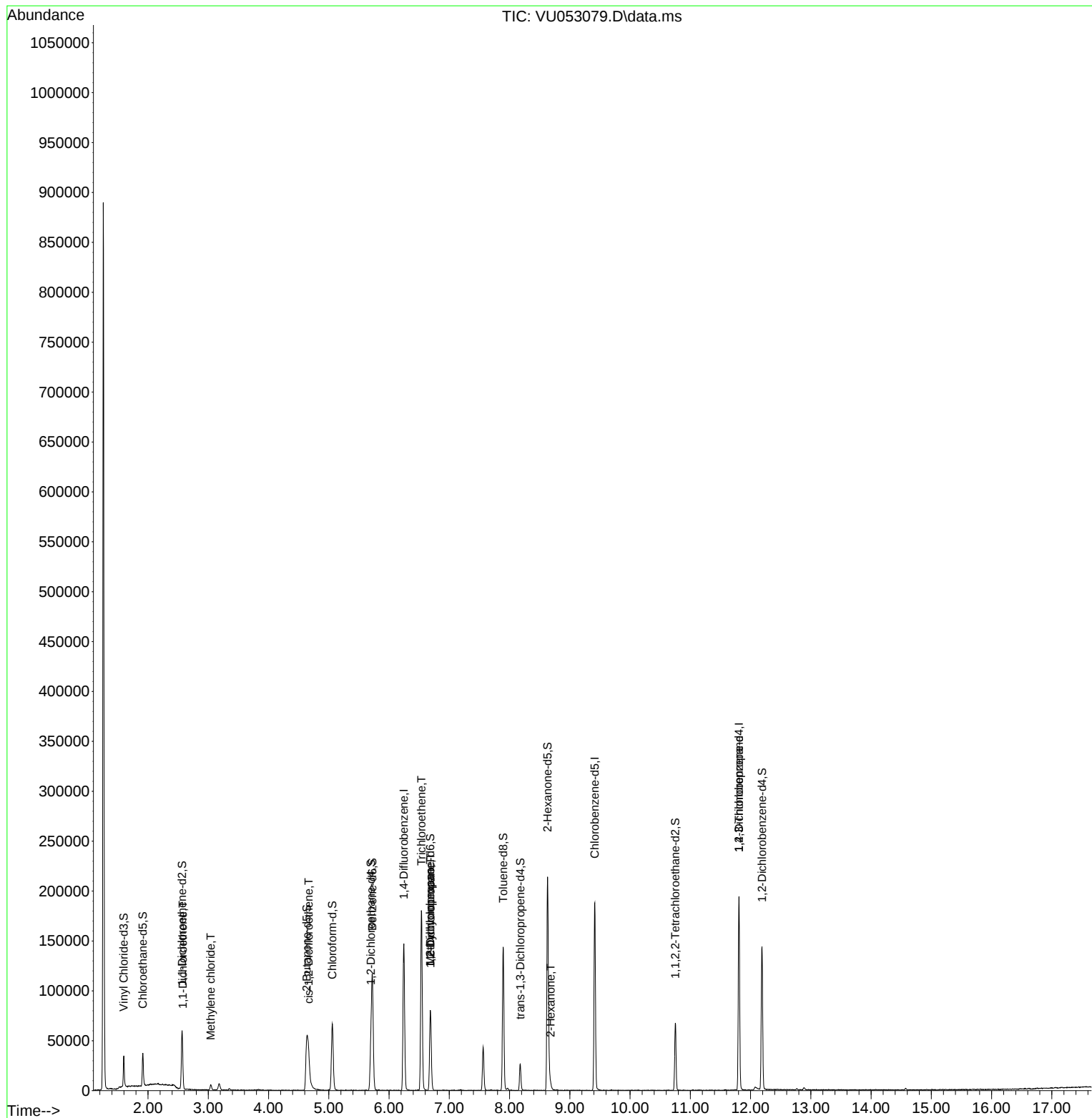
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	118013	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	102642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	48055	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	22536	3.986	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.913	69	24268	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.566	65	10569	4.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.636	46	93970	54.271	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.540%
24) Chloroform-d	5.058	84	60171	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.698	65	31791	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.723	84	111469	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.685	67	39969	4.975	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.894	98	97330	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.177	79	15174	4.666	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.630	63	78292	54.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.440%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34438	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	35747	4.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	1154	0.165	ug/L #	1
16) Methylene chloride	3.038	84	2451	0.303	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	7624	0.914	ug/L	99
34) Trichloroethene	6.537	95	61533	7.394	ug/L	98
35) Methylcyclohexane	6.685	83	9106	0.676	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	3921	0.487	ug/L #	90
48) 2-Hexanone	8.681	43	3936	1.276	ug/L #	69
61) 1,2,3-Trichloropropane	11.807	75	6822	1.478	ug/L #	69

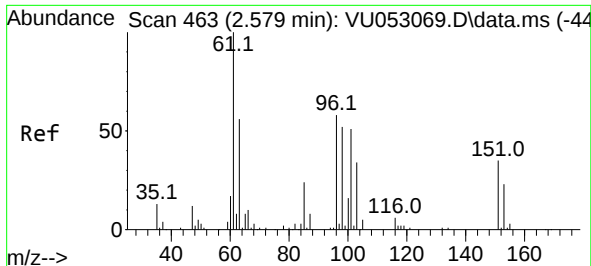
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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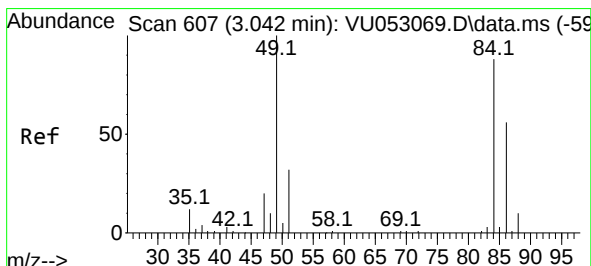
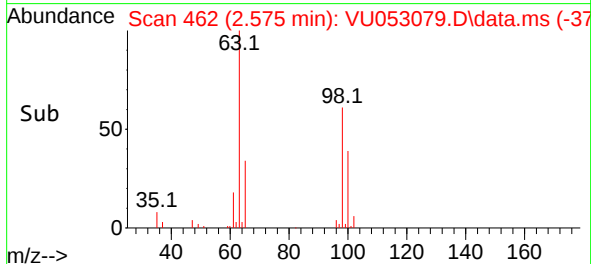
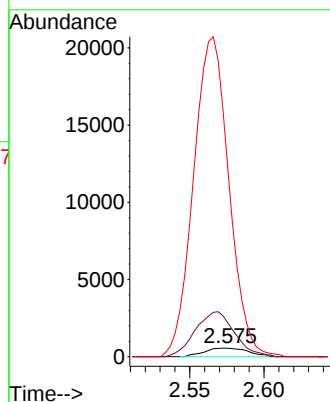
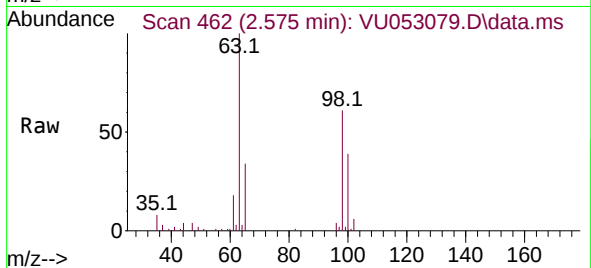




#12
1,1-Dichloroethene
Concen: 0.165 ug/L
RT: 2.575 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU053079.D
Acq: 13 Feb 2023 14:34

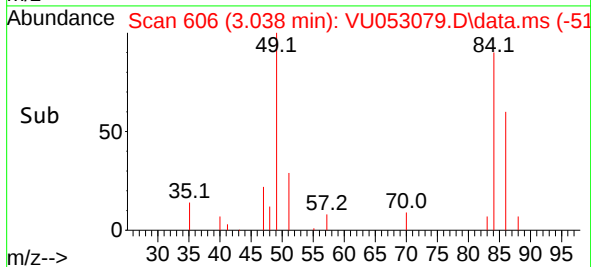
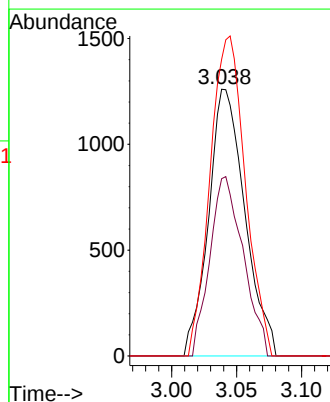
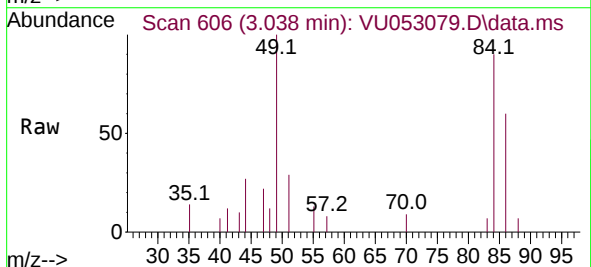
Instrument :
MSVOA_U
ClientSampleId :
COM79DL

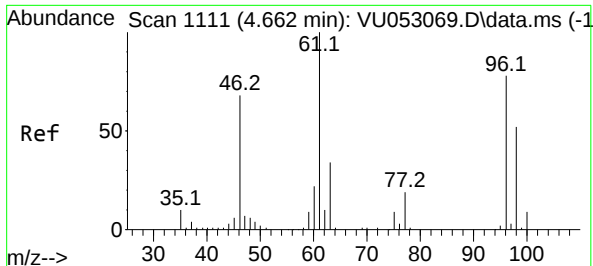
Tgt Ion: 96 Resp: 1154
Ion Ratio Lower Upper
96 100
61 401.6 115.1 213.7#
63 2228.9 63.6 118.0#



#16
Methylene chloride
Concen: 0.303 ug/L
RT: 3.038 min Scan# 606
Delta R.T. -0.003 min
Lab File: VU053079.D
Acq: 13 Feb 2023 14:34

Tgt Ion: 84 Resp: 2451
Ion Ratio Lower Upper
84 100
86 66.5 44.9 83.3
49 111.3 82.6 153.4





#22

cis-1,2-Dichloroethene

Concen: 0.914 ug/L

RT: 4.665 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053079.D

Acq: 13 Feb 2023 14:34

Instrument :

MSVOA_U

ClientSampleId :

COM79DL

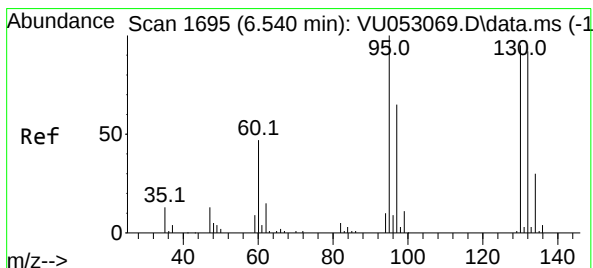
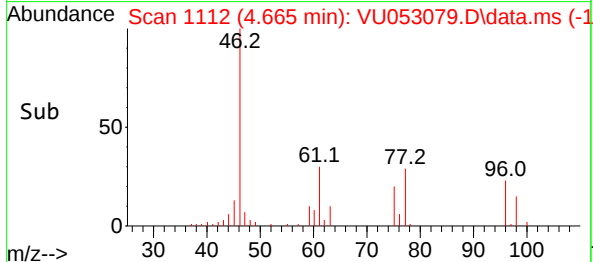
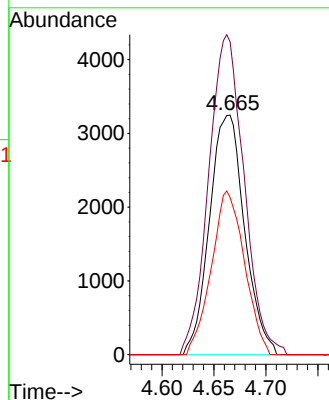
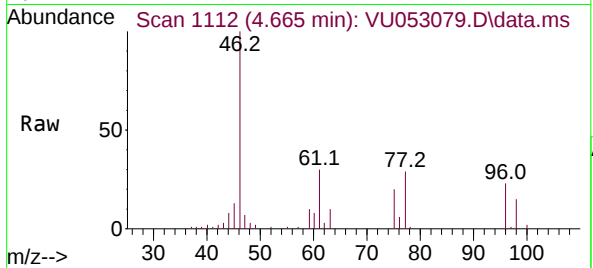
Tgt Ion: 96 Resp: 7624

Ion Ratio Lower Upper

96 100

61 130.6 90.9 168.9

98 65.6 47.0 87.4



#34

Trichloroethene

Concen: 7.394 ug/L

RT: 6.537 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU053079.D

Acq: 13 Feb 2023 14:34

Tgt Ion: 95 Resp: 61533

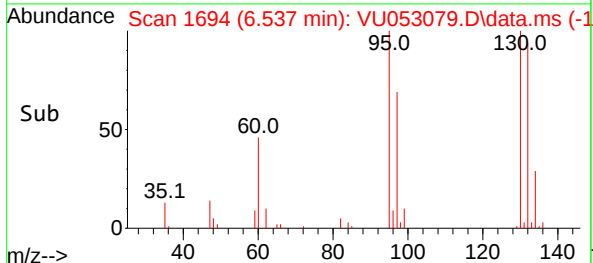
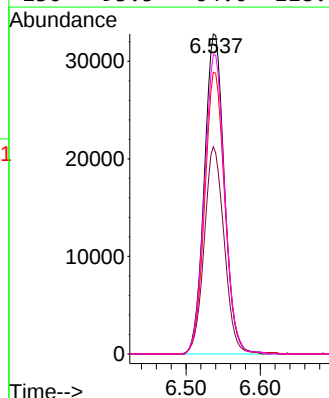
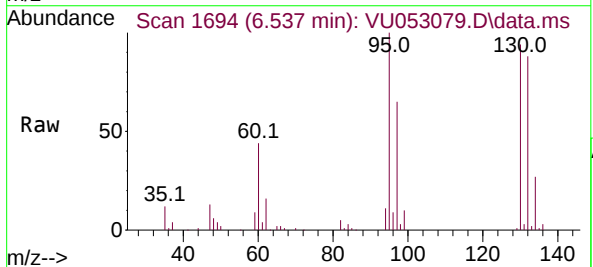
Ion Ratio Lower Upper

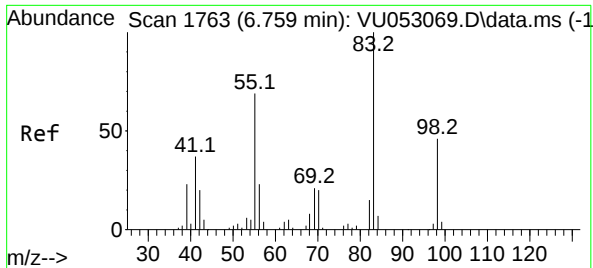
95 100

97 64.8 44.7 82.9

132 88.1 62.3 115.7

130 93.5 64.0 118.8

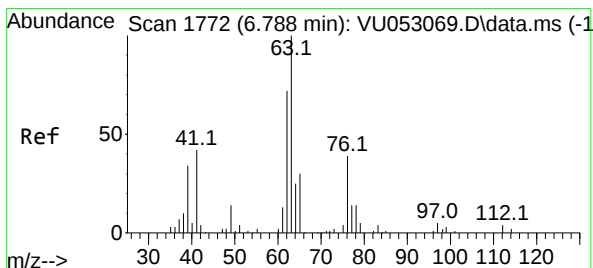
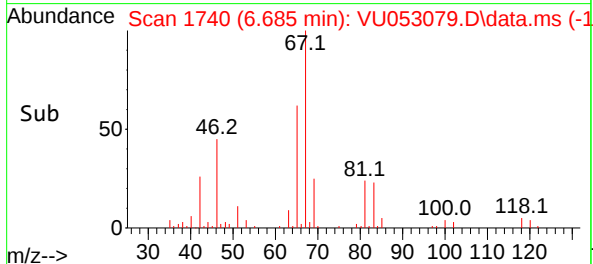
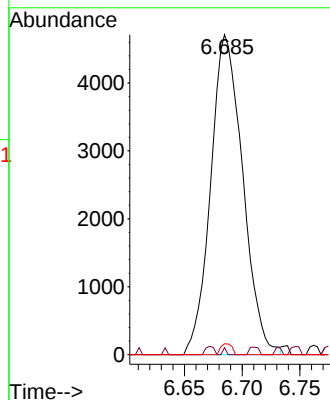
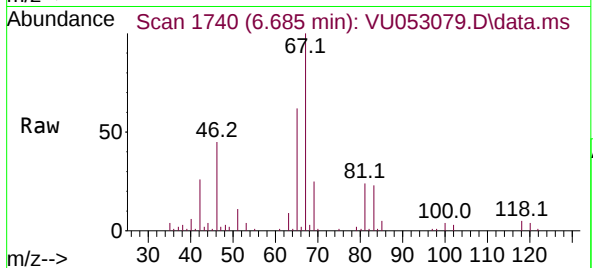




#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.685 min Scan# 1740
Delta R.T. -0.074 min
Lab File: VU053079.D
Acq: 13 Feb 2023 14:34

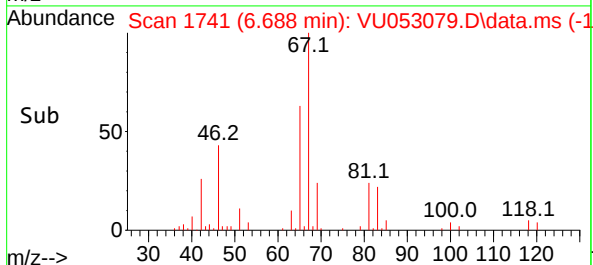
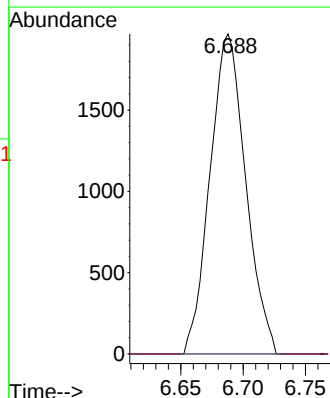
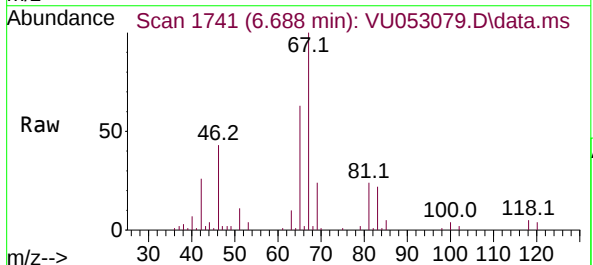
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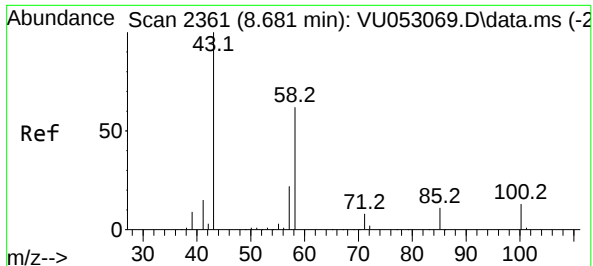
Tgt Ion: 83 Resp: 9106
Ion Ratio Lower Upper
83 100
55 0.2 57.9 86.9#
98 1.2 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.688 min Scan# 1741
Delta R.T. -0.100 min
Lab File: VU053079.D
Acq: 13 Feb 2023 14:34

Tgt Ion: 63 Resp: 3921
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

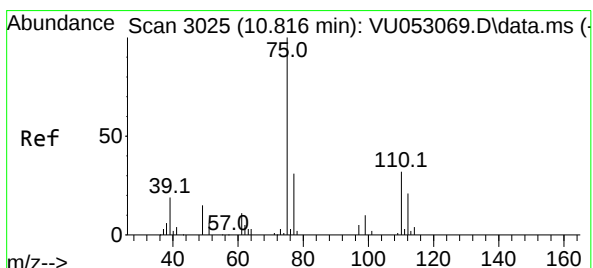
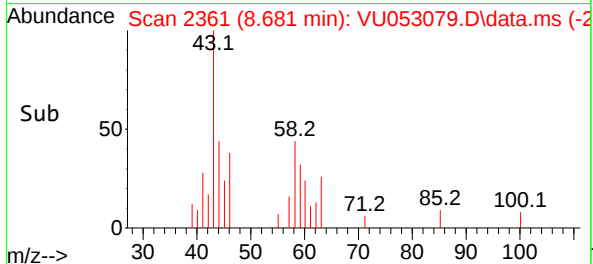
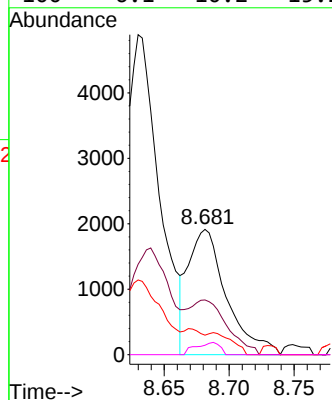
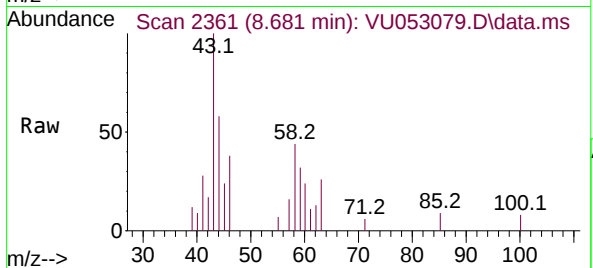




#48
2-Hexanone
Concen: 1.276 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053079.D
Acq: 13 Feb 2023 14:34

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MSVOA_U
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Tgt Ion: 43	Resp:	3936
Ion	Ratio	Lower Upper
43	100	
58	39.0	50.3 75.5#
57	2.5	17.4 26.0#
100	6.1	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.478 ug/L
RT: 11.807 min Scan# 3333
Delta R.T. 0.990 min
Lab File: VU053079.D
Acq: 13 Feb 2023 14:34

Tgt Ion: 75	Resp:	6822
Ion	Ratio	Lower Upper
75	100	
110	1.0	28.6 42.8#
77	33.2	27.6 41.4

