

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053084.D
 Acq On : 13 Feb 2023 16:36
 Operator : JC/MD
 Sample : 01533-05DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM76DL

Quant Time: Feb 14 00:47:56 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)

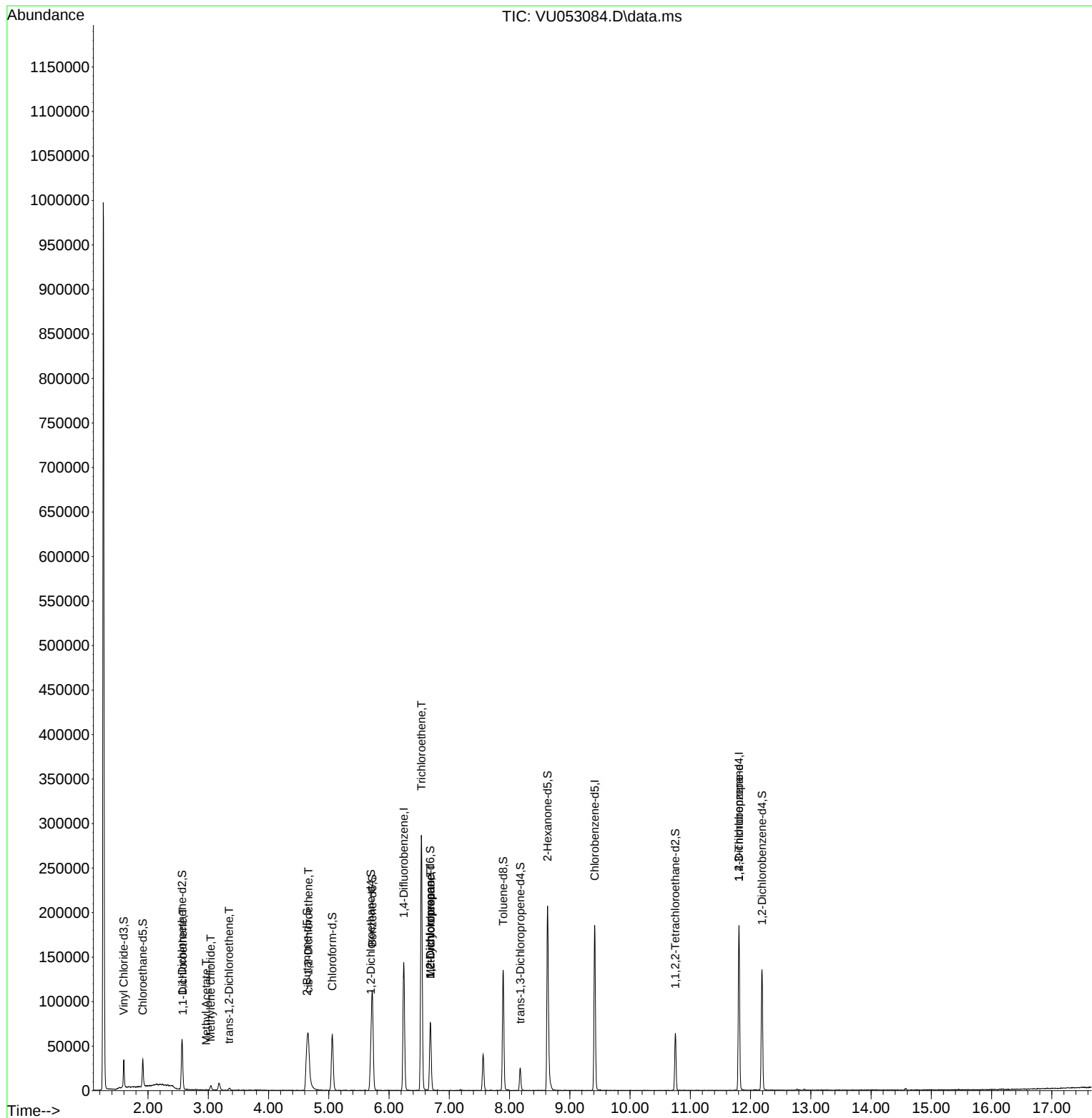
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	114993	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	101341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	21899	3.975	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.913	69	22445	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.566	65	10424	4.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.640	46	92371	54.749	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.500%
24) Chloroform-d	5.058	84	56043	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.698	65	30060	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.723	84	106135	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.685	67	37861	4.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	91562	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.177	79	14882	4.635	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.630	63	77021	54.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.060%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	32877	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	33438	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	1945	0.286	ug/L #	1
15) Methyl Acetate	2.968	43	489	0.165	ug/L #	59
16) Methylene chloride	3.042	84	2756	0.350	ug/L	88
18) trans-1,2-Dichloroethene	3.347	96	1178	0.164	ug/L	83
22) cis-1,2-Dichloroethene	4.662	96	15452	1.902	ug/L	96
34) Trichloroethene	6.537	95	95681	11.644	ug/L	98
35) Methylcyclohexane	6.688	83	8704	0.654	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	4086	0.514	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	6266	1.431	ug/L #	69

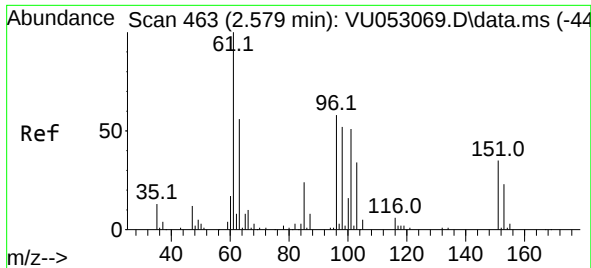
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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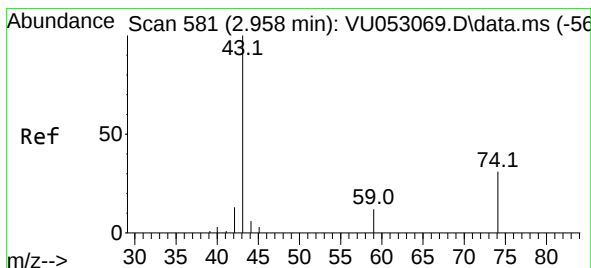
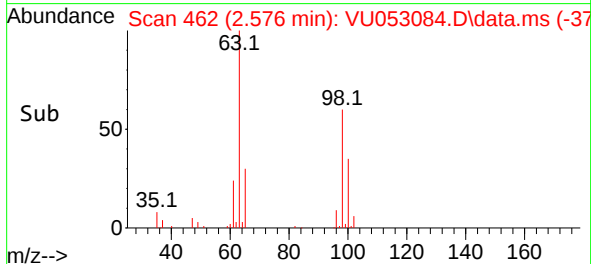
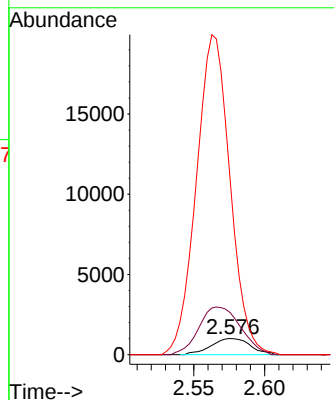
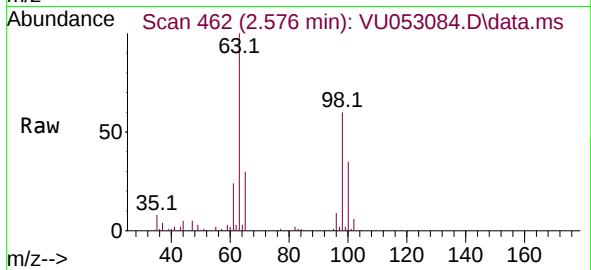




#12
1,1-Dichloroethene
Concen: 0.286 ug/L
RT: 2.576 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU053084.D
Acq: 13 Feb 2023 16:36

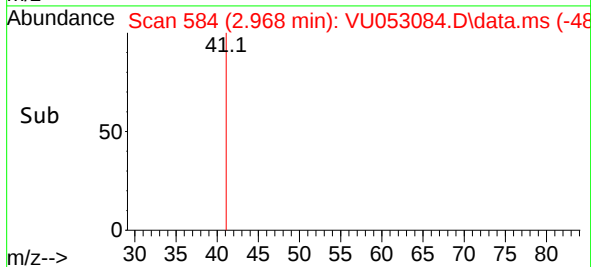
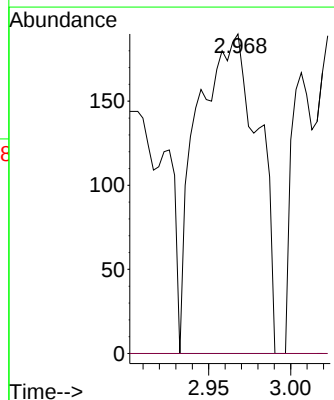
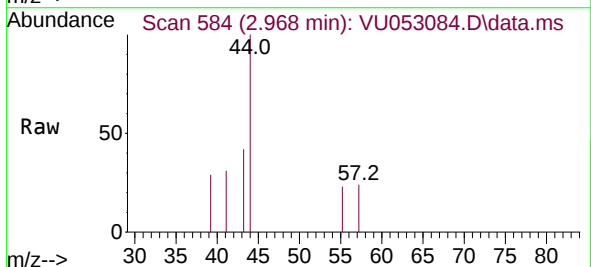
Instrument :
MSVOA_U
ClientSampleId :
COM76DL

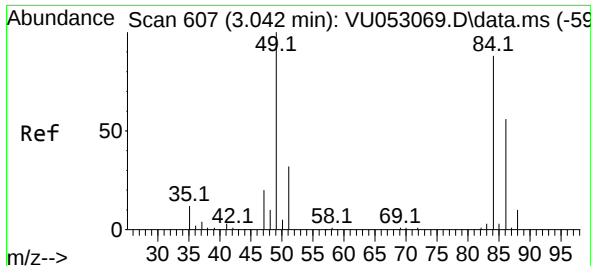
Tgt Ion: 96 Resp: 1945
Ion Ratio Lower Upper
96 100
61 260.1 115.1 213.7#
63 1081.8 63.6 118.0#



#15
Methyl Acetate
Concen: 0.165 ug/L
RT: 2.968 min Scan# 584
Delta R.T. 0.010 min
Lab File: VU053084.D
Acq: 13 Feb 2023 16:36

Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
74 0.0 14.3 21.5#

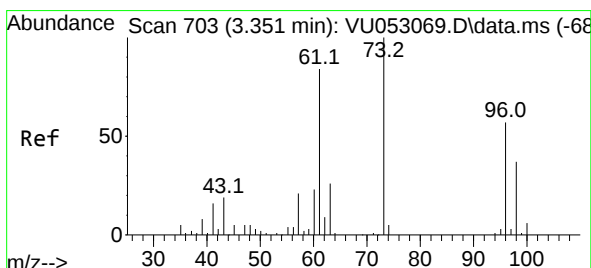
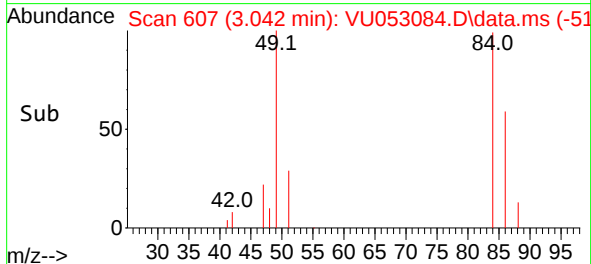
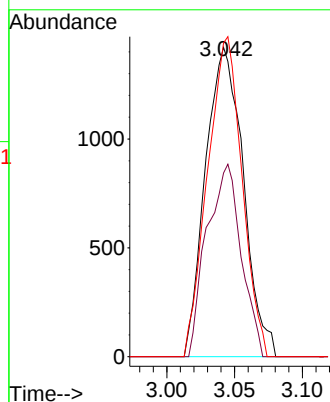
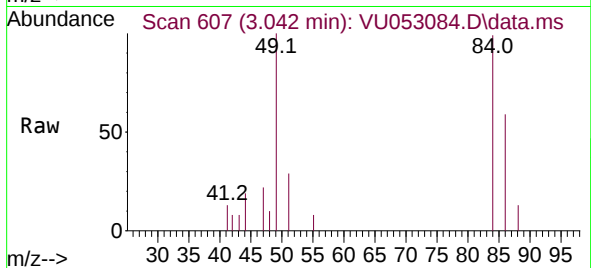




#16
Methylene chloride
Concen: 0.350 ug/L
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053084.D
Acq: 13 Feb 2023 16:36

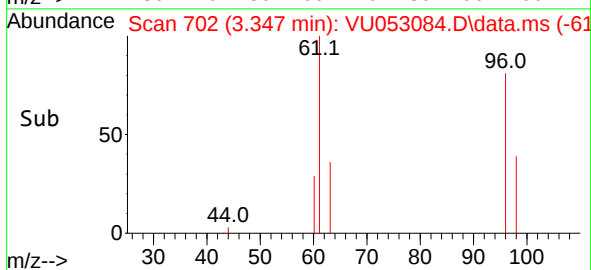
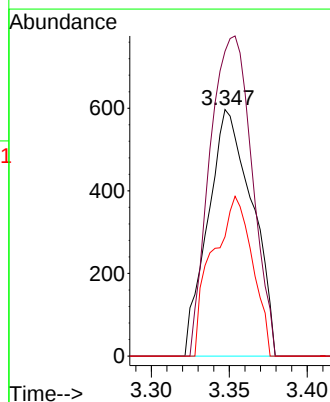
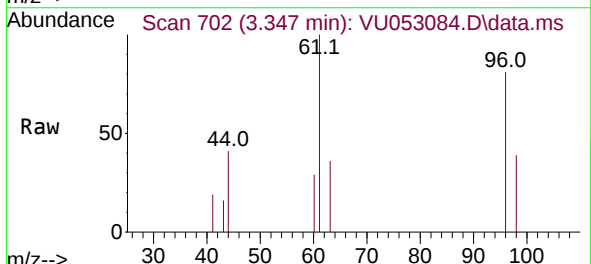
Instrument :
MSVOA_U
ClientSampleId :
COM76DL

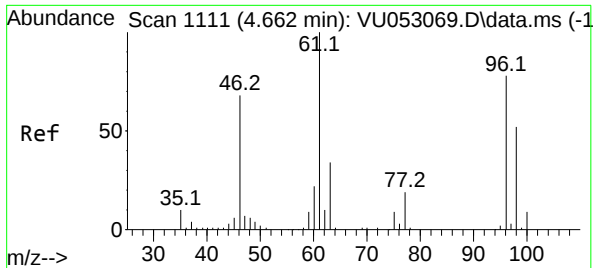
Tgt Ion:	84	Resp:	2756
Ion	Ratio	Lower	Upper
84	100		
86	59.4	44.9	83.3
49	101.4	82.6	153.4



#18
trans-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 3.347 min Scan# 702
Delta R.T. -0.003 min
Lab File: VU053084.D
Acq: 13 Feb 2023 16:36

Tgt Ion:	96	Resp:	1178
Ion	Ratio	Lower	Upper
96	100		
61	123.6	99.5	184.9
98	48.4	44.8	83.2

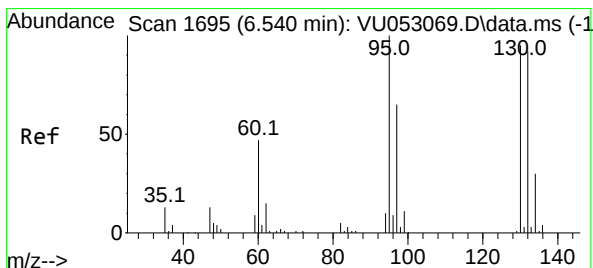
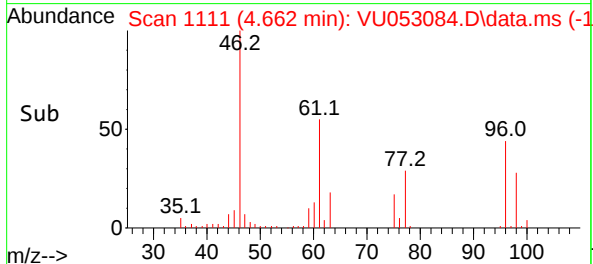
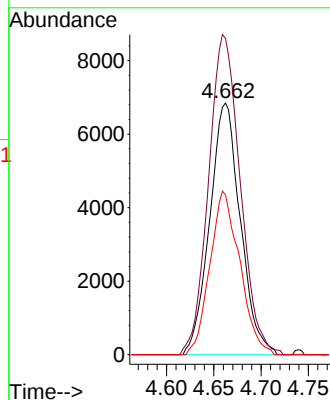
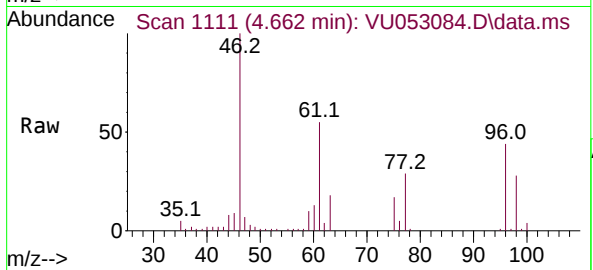




#22
 cis-1,2-Dichloroethene
 Concen: 1.902 ug/L
 RT: 4.662 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: VU053084.D
 Acq: 13 Feb 2023 16:36

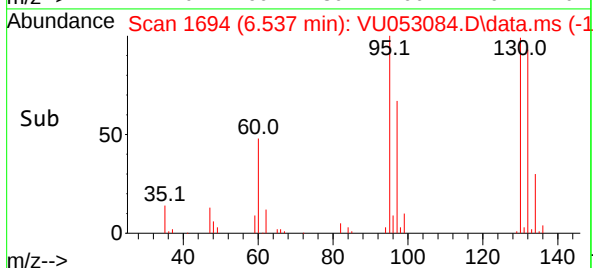
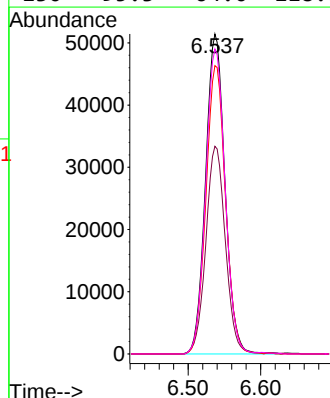
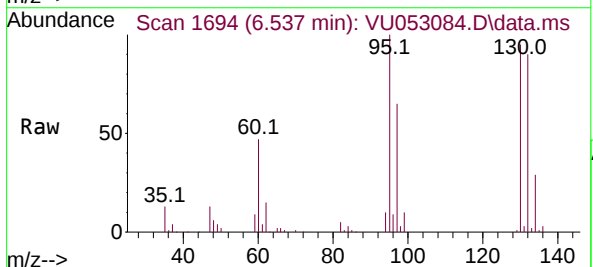
Instrument :
 MSVOA_U
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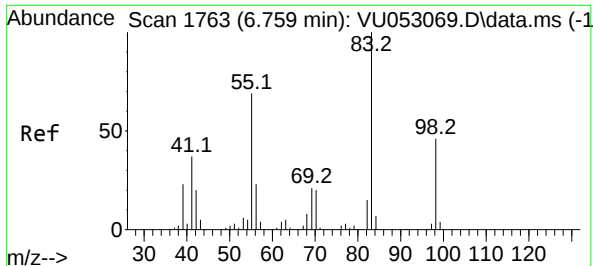
Tgt Ion: 96 Resp: 15452
 Ion Ratio Lower Upper
 96 100
 61 125.8 90.9 168.9
 98 63.6 47.0 87.4



#34
 Trichloroethene
 Concen: 11.644 ug/L
 RT: 6.537 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: VU053084.D
 Acq: 13 Feb 2023 16:36

Tgt Ion: 95 Resp: 95681
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.7 82.9
 132 90.1 62.3 115.7
 130 95.3 64.0 118.8





#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.688 min Scan# 1741

Delta R.T. -0.071 min

Lab File: VU053084.D

Acq: 13 Feb 2023 16:36

Instrument :

MSVOA_U

ClientSampleId :

COM76DL

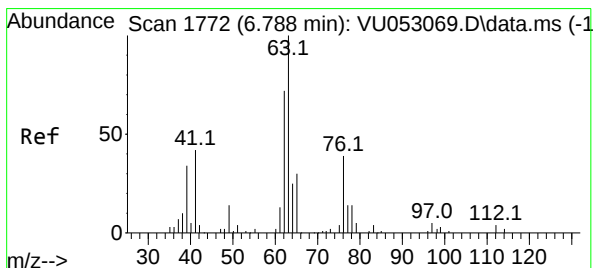
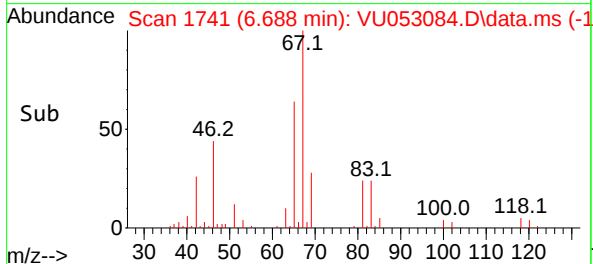
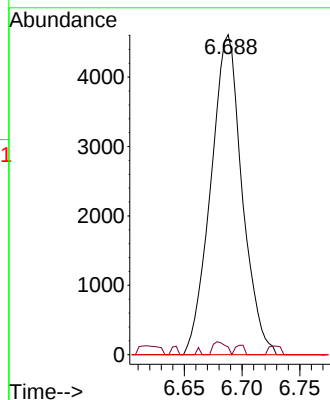
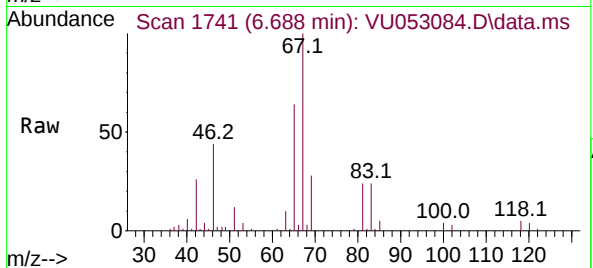
Tgt Ion: 83 Resp: 8704

Ion Ratio Lower Upper

83 100

55 1.7 57.9 86.9#

98 0.0 36.4 54.6#



#37

1,2-Dichloropropane

Concen: 0.514 ug/L

RT: 6.688 min Scan# 1741

Delta R.T. -0.100 min

Lab File: VU053084.D

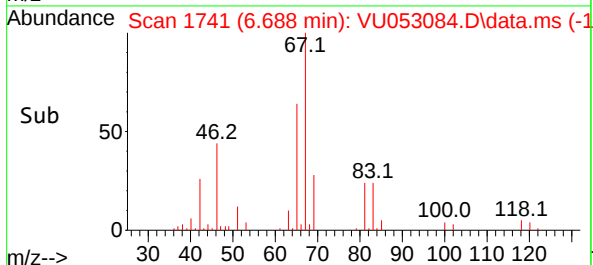
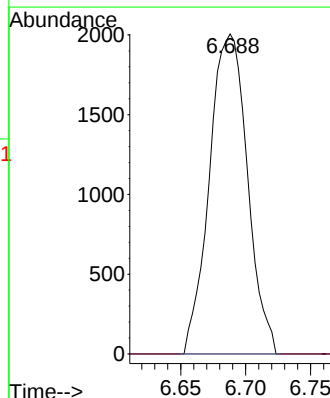
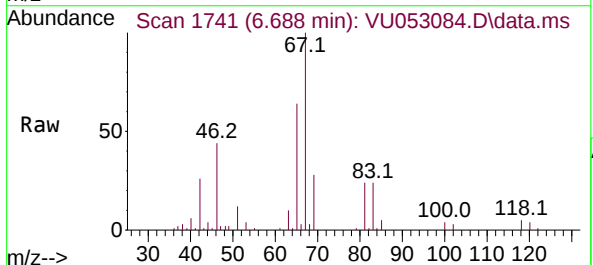
Acq: 13 Feb 2023 16:36

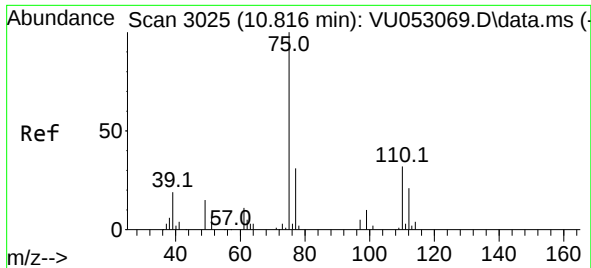
Tgt Ion: 63 Resp: 4086

Ion Ratio Lower Upper

63 100

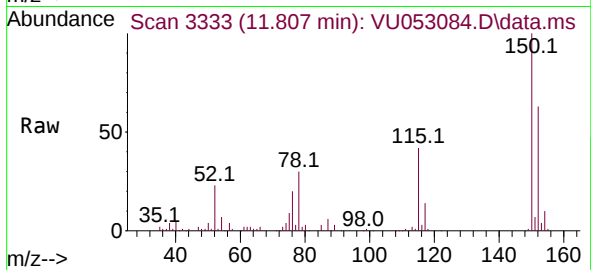
112 0.0 2.7 4.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.431 ug/L
 RT: 11.807 min Scan# 311
 Delta R.T. 0.990 min
 Lab File: VU053084.D
 Acq: 13 Feb 2023 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 COM76DL



Tgt Ion: 75	Resp:	6266
Ion	Ratio	Lower Upper
75	100	
110	1.2	28.6 42.8#
77	32.8	27.6 41.4

