

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060853.D
 Acq On : 18 Sep 2024 00:12
 Operator : MD/SY
 Sample : P3987-04 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 03:45:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 02:40:24 2024
 Response via : Initial Calibration

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

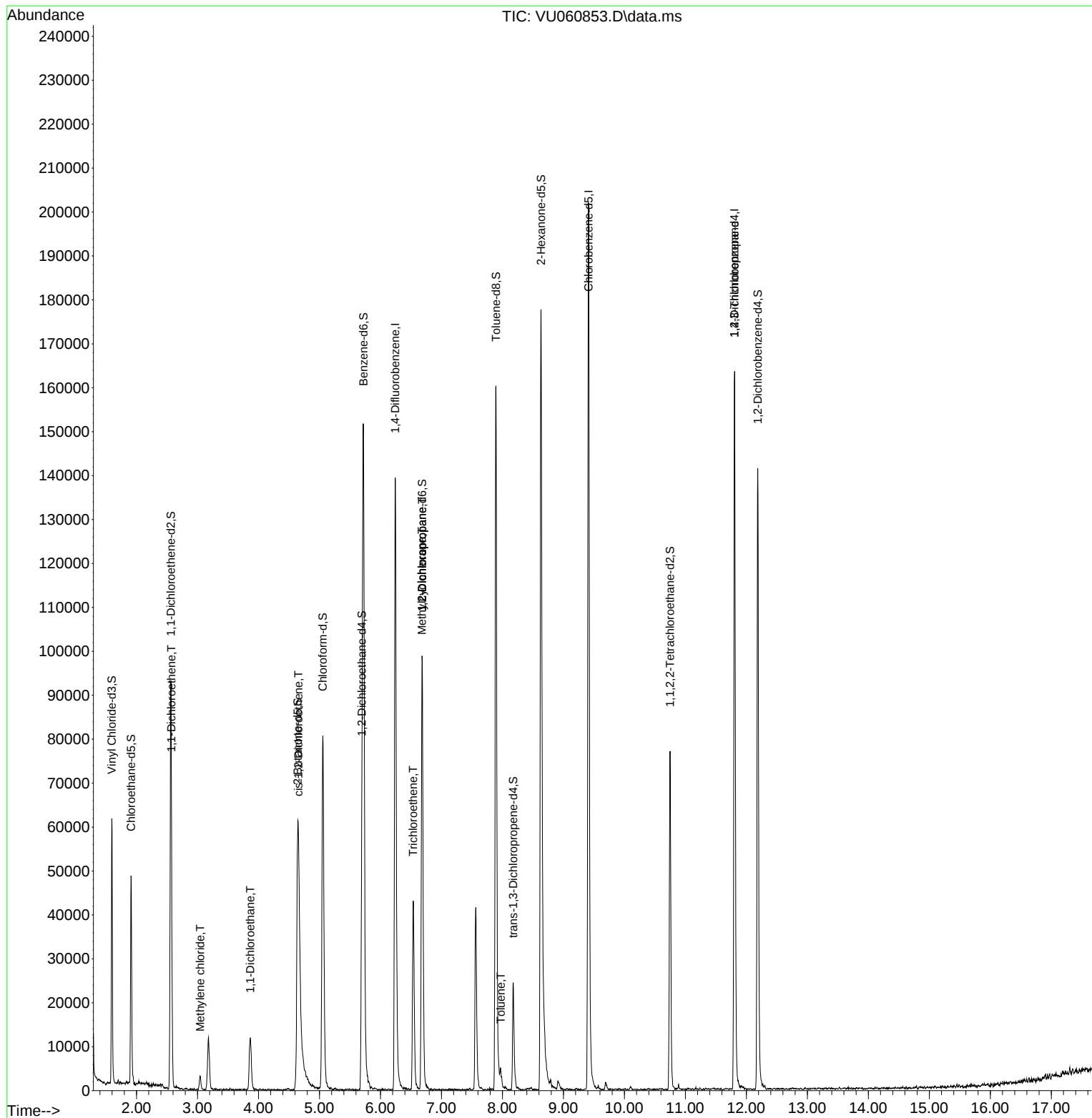
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	124486	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	130676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	43980	3.928	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.911	69	36289	4.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.563	65	16415	4.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.644	46	83889	46.670	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.340%
24) Chloroform-d	5.055	84	80753	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	41123	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.721	84	153236	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	52012	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	118917	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.177	79	16872	4.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.634	63	69777	45.347	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41770	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	43723	5.222	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	4821	0.616	ug/L #	1
16) Methylene chloride	3.046	84	1678	0.185	ug/L	87
19) 1,1-Dichloroethane	3.865	63	15365	0.943	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	6551	0.729	ug/L	98
34) Trichloroethene	6.537	95	15542	1.650	ug/L	91
35) Methylcyclohexane	6.679	83	11561	0.895	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	5410	0.546	ug/L #	93
42) Toluene	7.971	91	3651	0.097	ug/L	93
61) 1,2,3-Trichloropropane	11.804	75	5093	1.096	ug/L #	64

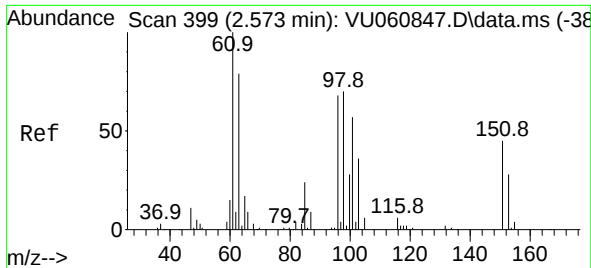
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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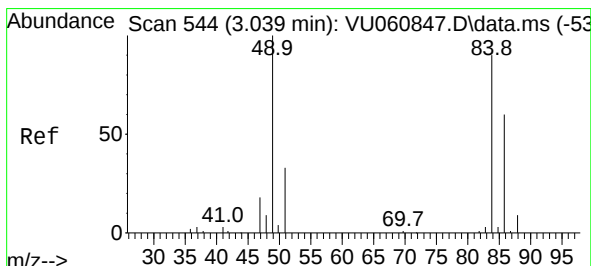
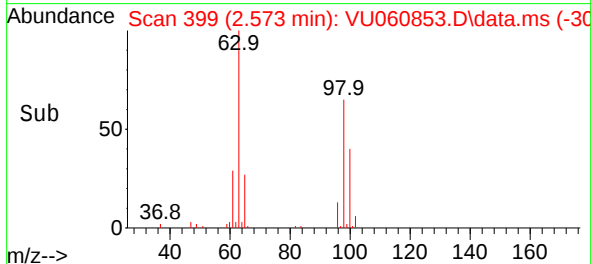
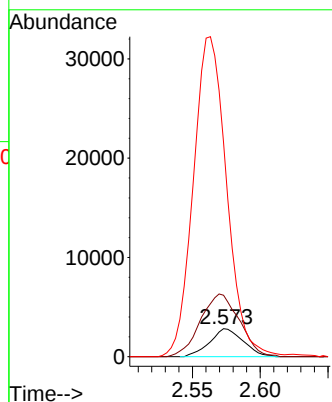
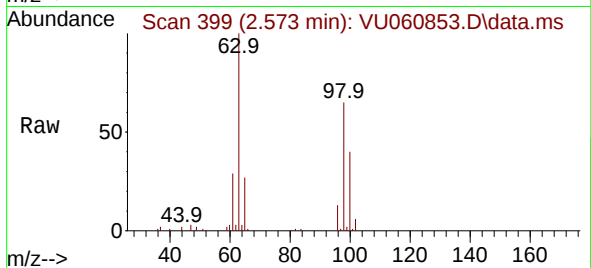




#12
1,1-Dichloroethene
Concen: 0.616 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060853.D
Acq: 18 Sep 2024 00:12

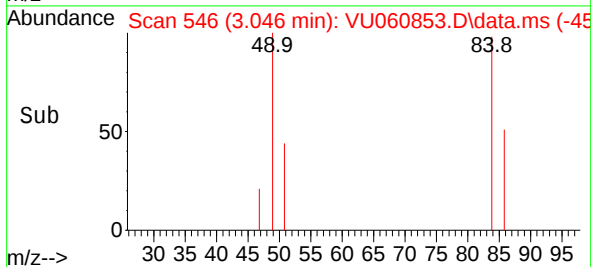
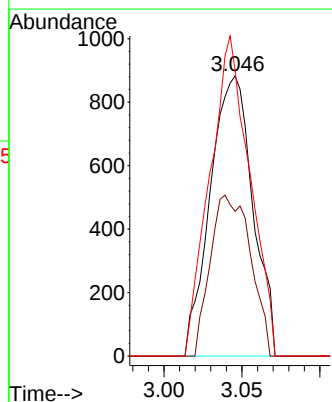
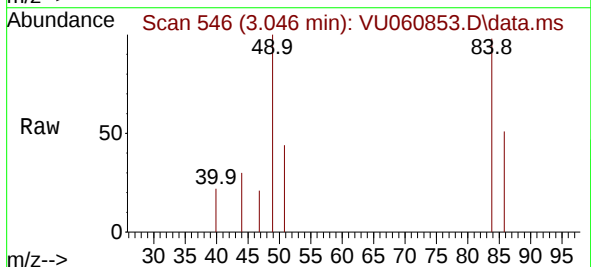
Instrument :
MSVOA_U
ClientSampleId :

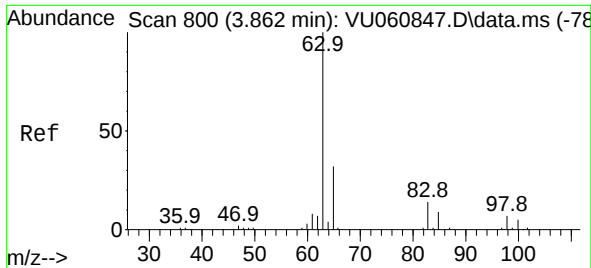
Tgt Ion: 96 Resp: 4821
Ion Ratio Lower Upper
96 100
61 219.4 120.7 224.1
63 765.4 90.0 167.2#



#16
Methylene chloride
Concen: 0.185 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.006 min
Lab File: VU060853.D
Acq: 18 Sep 2024 00:12

Tgt Ion: 84 Resp: 1678
Ion Ratio Lower Upper
84 100
86 51.6 47.3 87.8
49 102.2 78.7 146.1





#19

1,1-Dichloroethane

Concen: 0.943 ug/L

RT: 3.865 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU060853.D

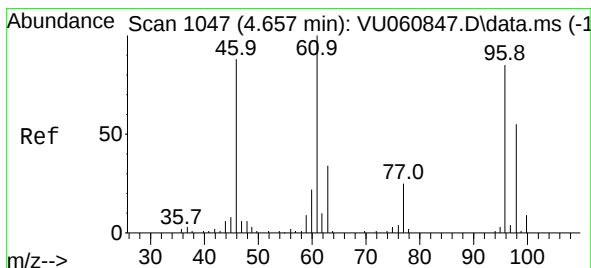
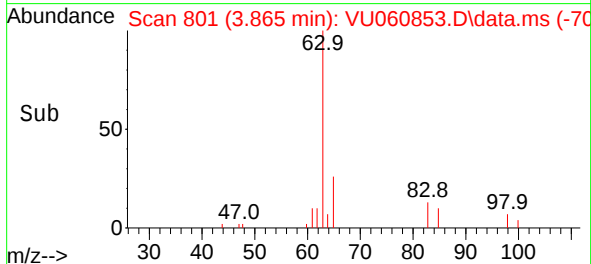
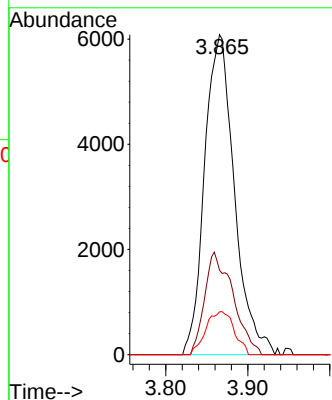
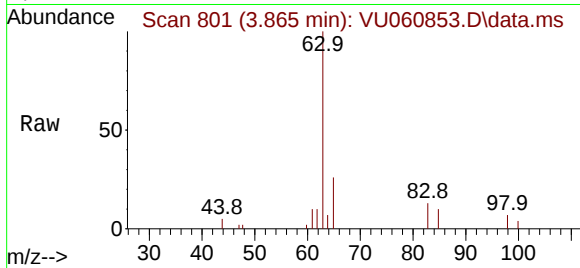
Acq: 18 Sep 2024 00:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	15365
Ion	Ratio	Lower	Upper
63	100		
65	24.7	23.0	42.8
83	12.6	9.0	16.6



#22

cis-1,2-Dichloroethene

Concen: 0.729 ug/L

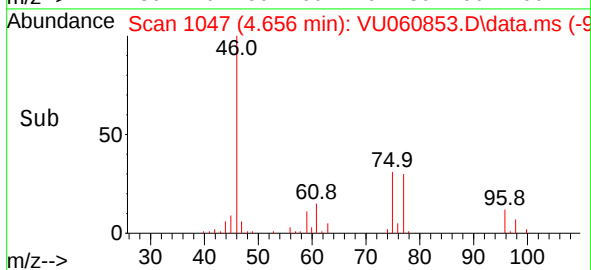
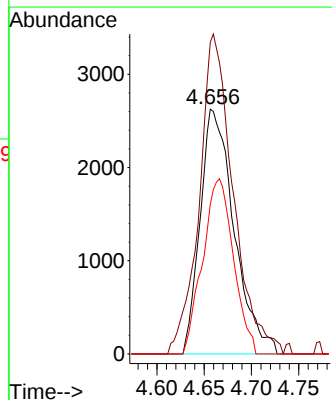
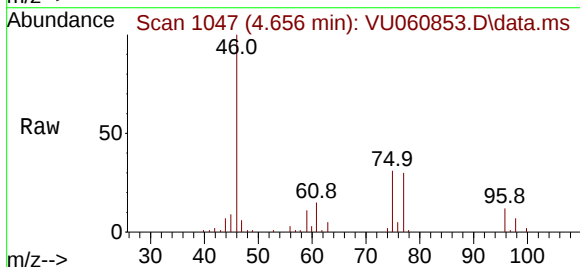
RT: 4.656 min Scan# 1047

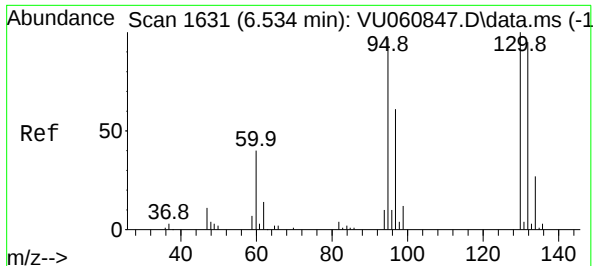
Delta R.T. -0.000 min

Lab File: VU060853.D

Acq: 18 Sep 2024 00:12

Tgt Ion:	96	Resp:	6551
Ion	Ratio	Lower	Upper
96	100		
61	127.3	89.7	166.5
98	61.1	45.1	83.9



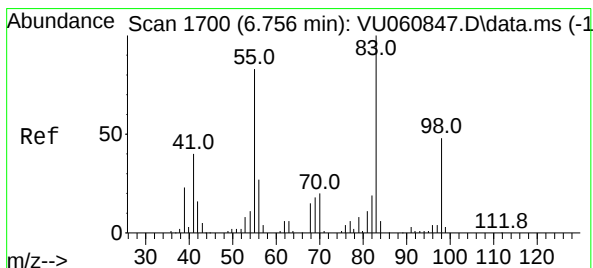
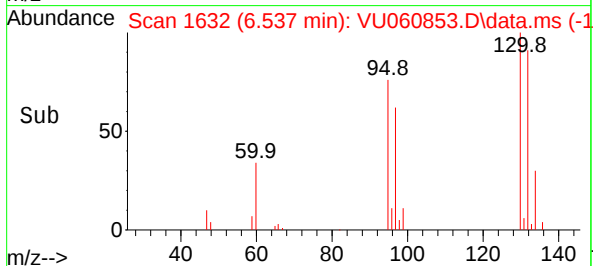
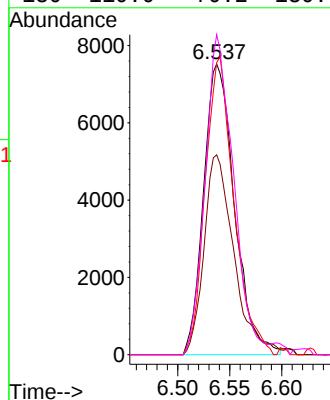
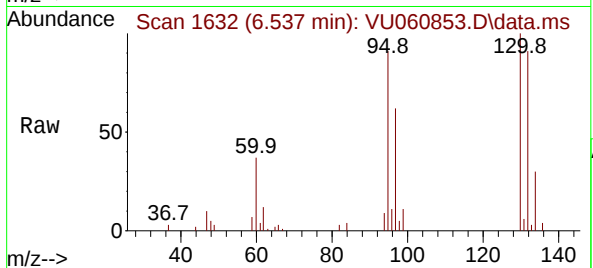


#34
Trichloroethene
Concen: 1.650 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060853.D
Acq: 18 Sep 2024 00:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 15542

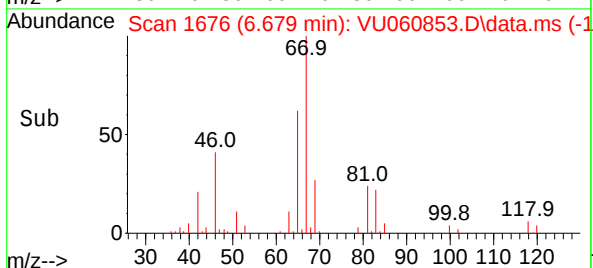
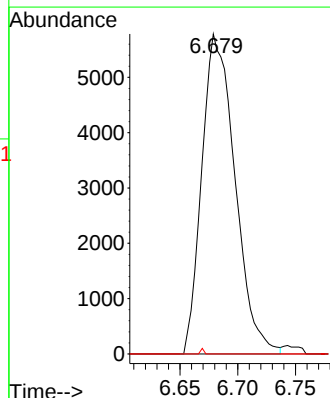
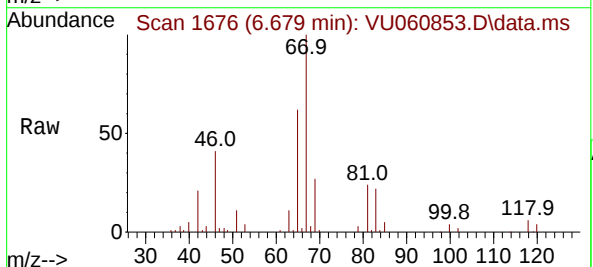
Ion	Ratio	Lower	Upper
95	100		
97	68.8	44.9	83.5
132	100.5	63.5	117.9
130	110.0	70.2	130.4

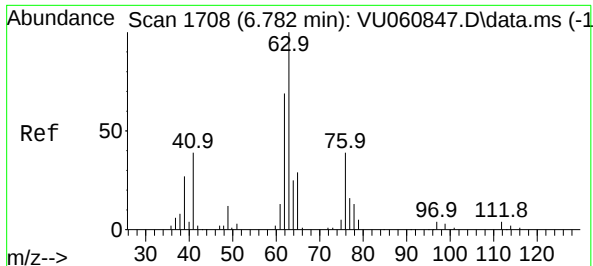


#35
Methylcyclohexane
Concen: 0.895 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU060853.D
Acq: 18 Sep 2024 00:12

Tgt Ion: 83 Resp: 11561

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.9	37.6	56.4#

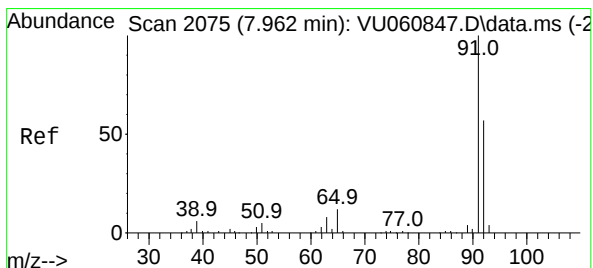
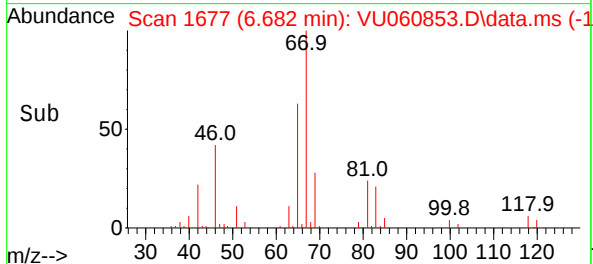
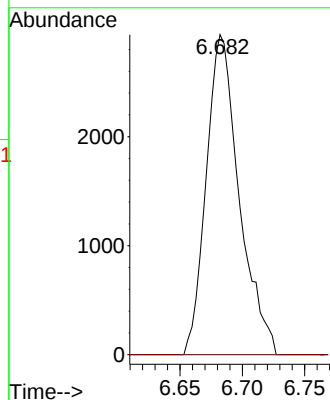
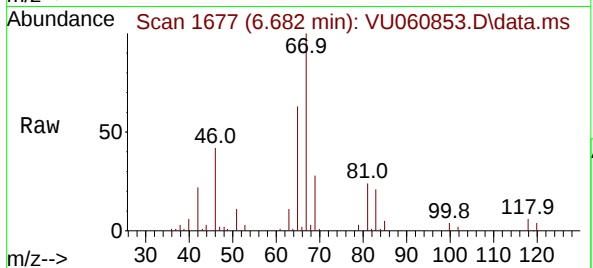




#37
1,2-Dichloropropane
Concen: 0.546 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060853.D
Acq: 18 Sep 2024 00:12

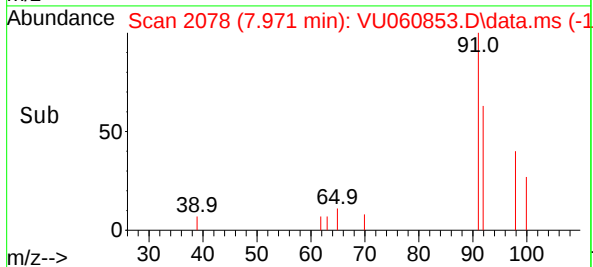
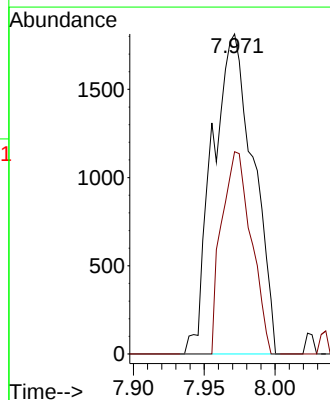
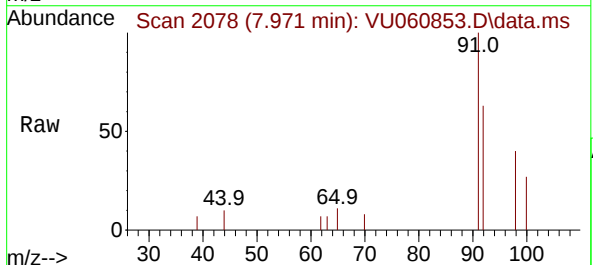
Instrument :
MSVOA_U
ClientSampleId :

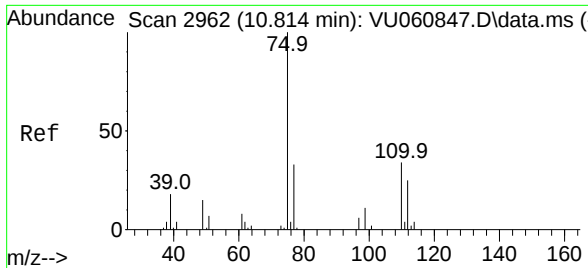
Tgt Ion: 63 Resp: 5410
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 0.097 ug/L
RT: 7.971 min Scan# 2078
Delta R.T. 0.010 min
Lab File: VU060853.D
Acq: 18 Sep 2024 00:12

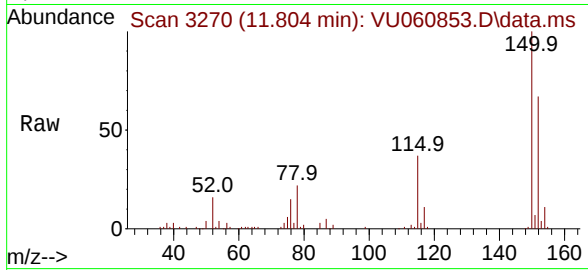
Tgt Ion: 91 Resp: 3651
Ion Ratio Lower Upper
91 100
92 63.2 40.5 75.3





#61
 1,2,3-Trichloropropane
 Concen: 1.096 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU060853.D
 Acq: 18 Sep 2024 00:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	5093
Ion	Ratio	Lower	Upper
75	100		
110	0.9	28.6	43.0#
77	38.4	26.3	39.5

