

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061700.D
 Acq On : 15 Nov 2024 03:33
 Operator : MD/SY
 Sample : P4804-21
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:11:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

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

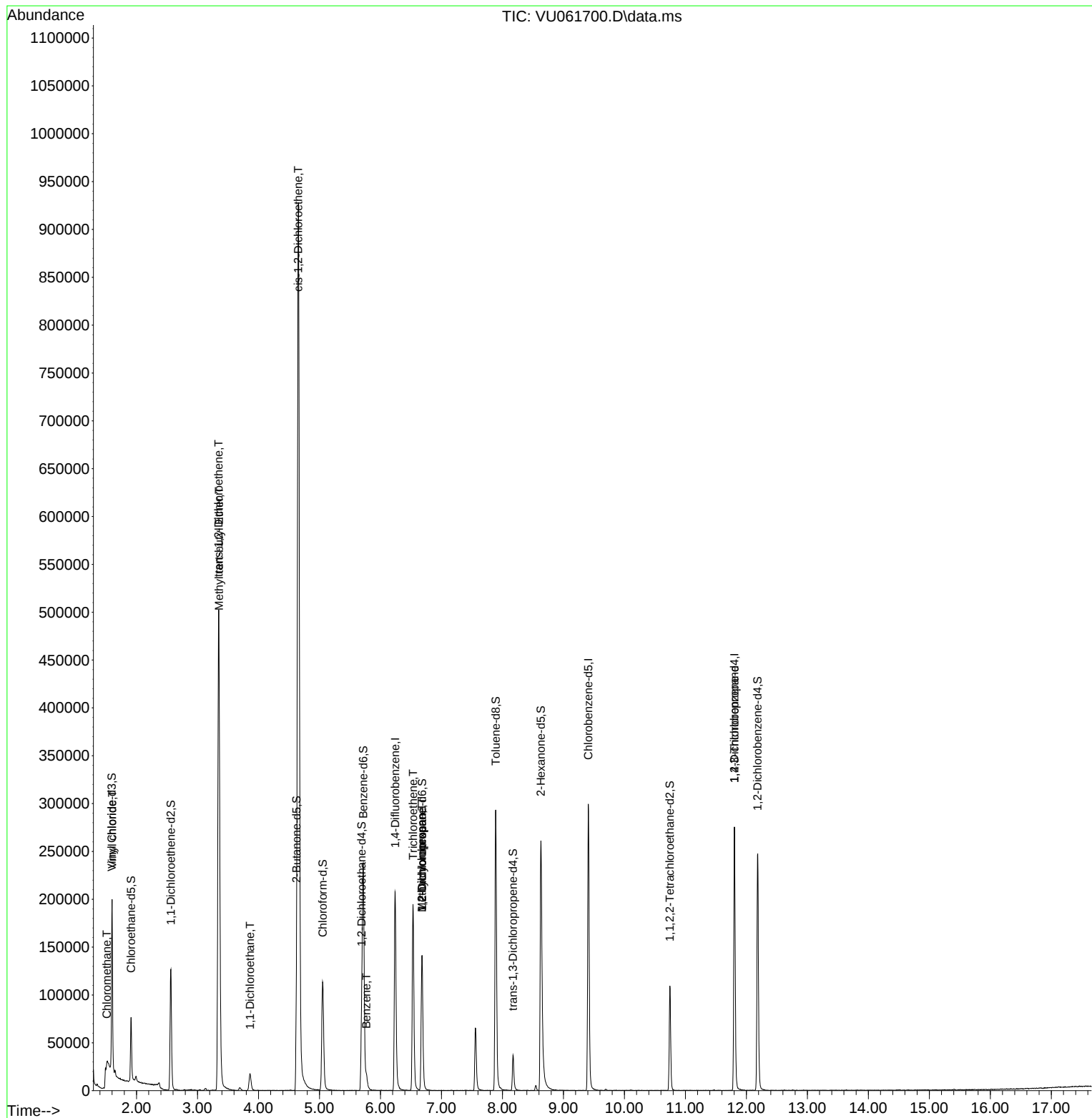
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	183758	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	175391	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50345	4.240	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.911	69	48281	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.563	65	24050	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.624	46	131276	52.093	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.180%
24) Chloroform-d	5.052	84	110662	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	57939	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.718	84	236628	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.682	67	71811	5.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.891	98	212142	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.174	79	22553	4.278	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.631	63	109462	52.550	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54774	4.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	70235	5.066	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
3) Chloromethane	1.512	50	1633	0.132	ug/L #	41
5) Vinyl chloride	1.602	62	68730	5.027	ug/L #	69
17) Methyl tert-butyl Ether	3.354	73	223749	8.230	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	150247	12.348	ug/L	98
19) 1,1-Dichloroethane	3.862	63	20811	0.938	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	506537	36.914	ug/L	99
33) Benzene	5.769	78	13013	0.245	ug/L	100
34) Trichloroethene	6.534	95	68837	4.803	ug/L	97
35) Methylcyclohexane	6.679	83	17004	0.787	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	8079	0.600	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	8977	1.224	ug/L #	65

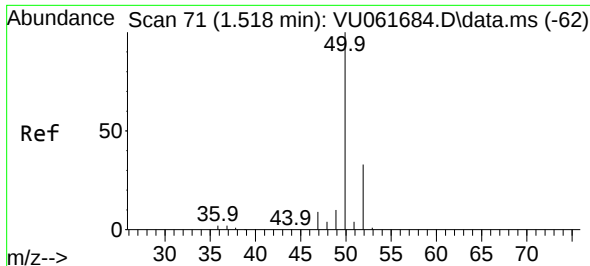
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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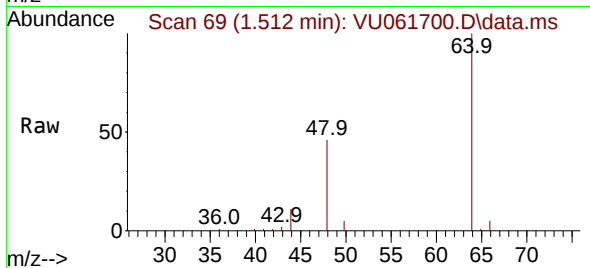
Quant Time: Nov 15 05:11:22 2024
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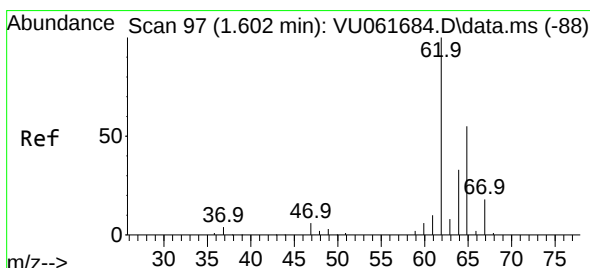
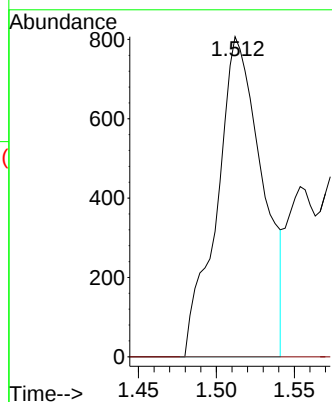
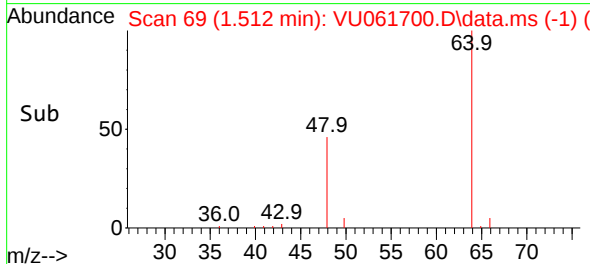


#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.512 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU061700.D
Acq: 15 Nov 2024 03:33

Instrument :
MSVOA_U
ClientSampleId :

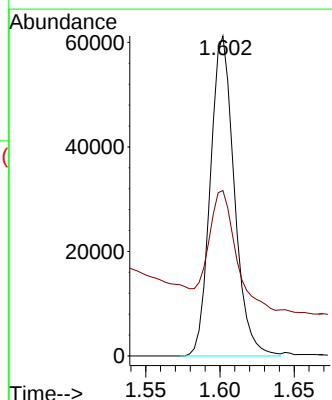
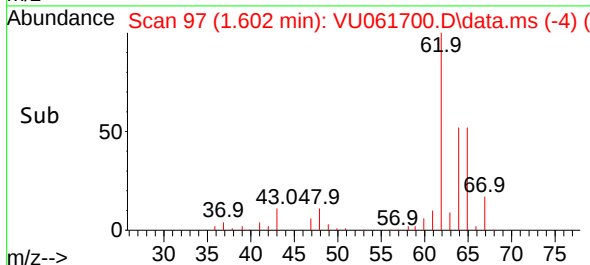
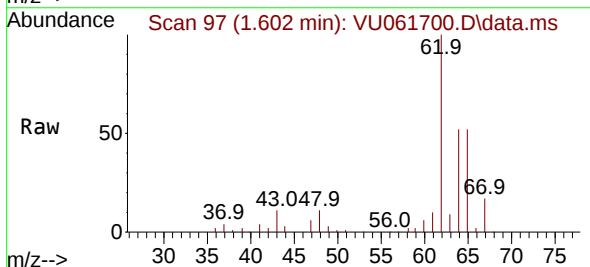


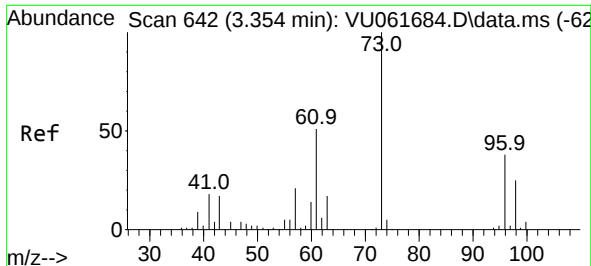
Tgt Ion: 50 Resp: 1633
Ion Ratio Lower Upper
50 100
52 0.0 23.2 43.2#



#5
Vinyl chloride
Concen: 5.027 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU061700.D
Acq: 15 Nov 2024 03:33

Tgt Ion: 62 Resp: 68730
Ion Ratio Lower Upper
62 100
64 51.7 23.7 44.1#

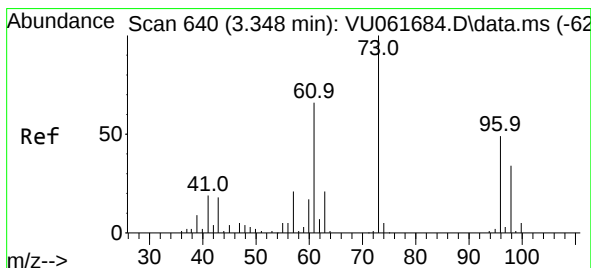
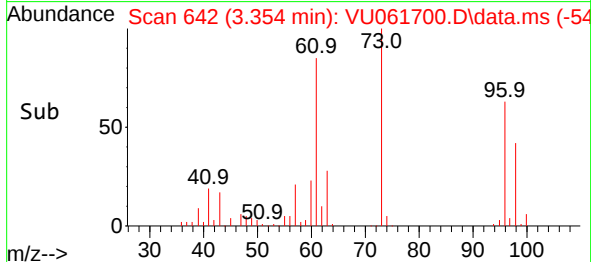
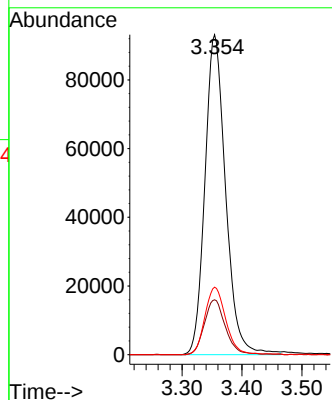
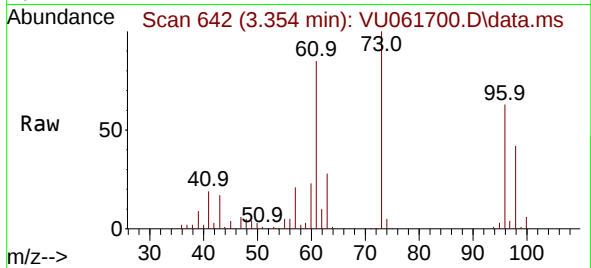




#17
Methyl tert-butyl Ether
Concen: 8.230 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061700.D
Acq: 15 Nov 2024 03:33

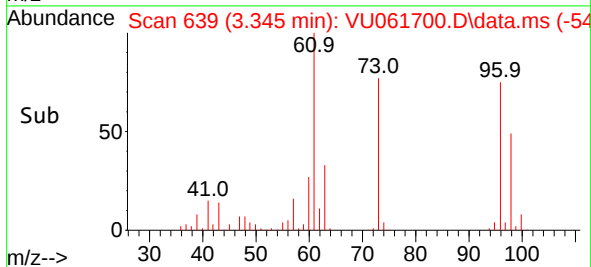
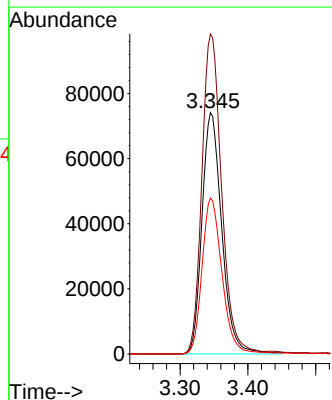
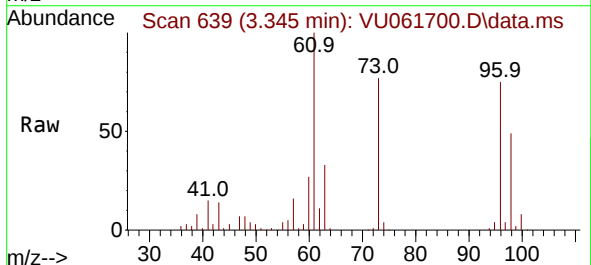
Instrument :
MSVOA_U
ClientSampleId :

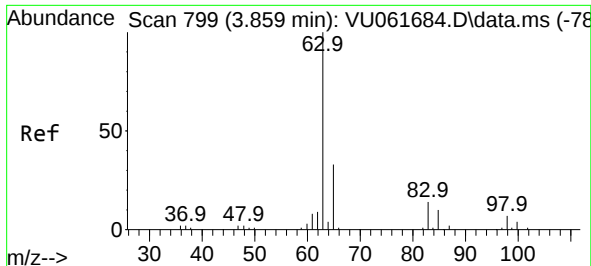
Tgt Ion: 73 Resp: 223749
Ion Ratio Lower Upper
73 100
43 17.4 14.2 21.4
57 21.3 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 12.348 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061700.D
Acq: 15 Nov 2024 03:33

Tgt Ion: 96 Resp: 150247
Ion Ratio Lower Upper
96 100
61 132.6 94.1 174.8
98 64.7 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.938 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU061700.D

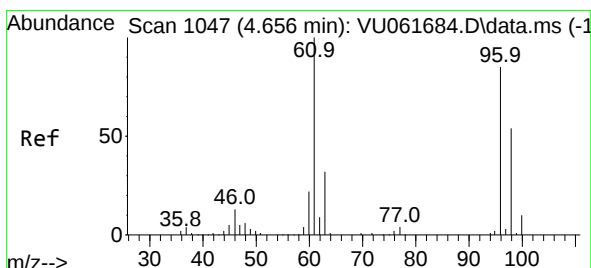
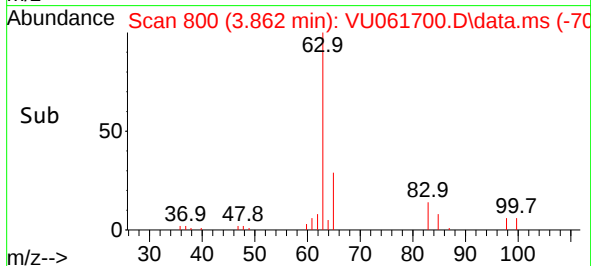
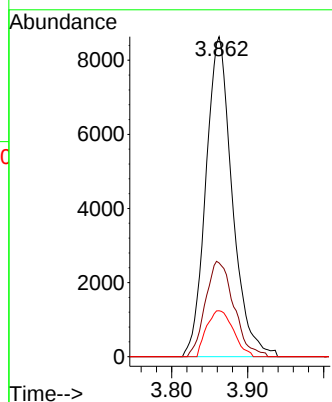
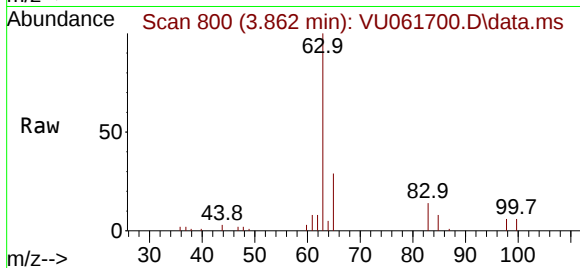
Acq: 15 Nov 2024 03:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 20811
Ion Ratio	Lower Upper
63 100	
65 29.3	23.4 43.4
83 14.3	9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 36.914 ug/L

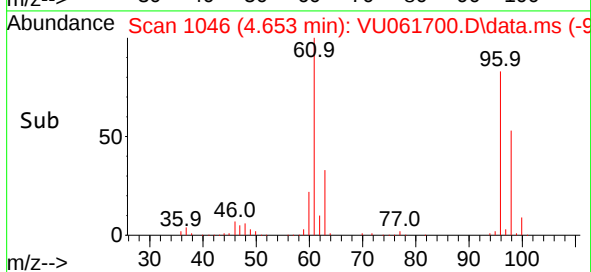
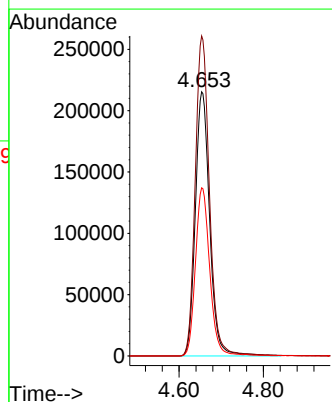
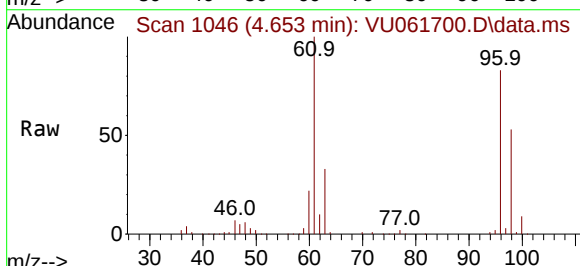
RT: 4.653 min Scan# 1046

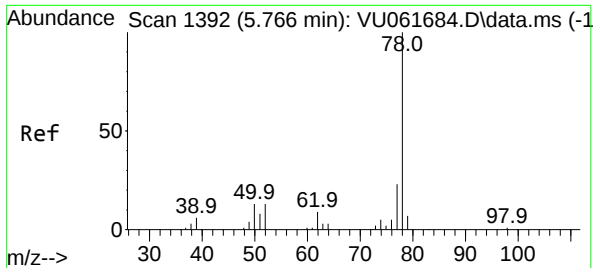
Delta R.T. -0.003 min

Lab File: VU061700.D

Acq: 15 Nov 2024 03:33

Tgt Ion: 96	Resp: 506537
Ion Ratio	Lower Upper
96 100	
61 121.1	85.6 159.0
98 63.7	45.6 84.8

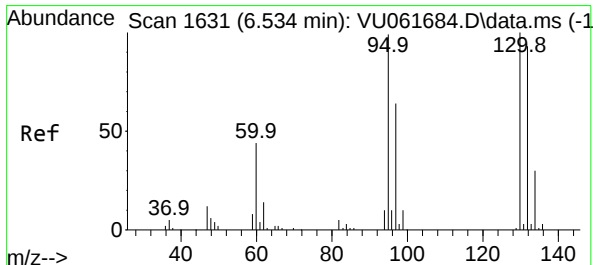
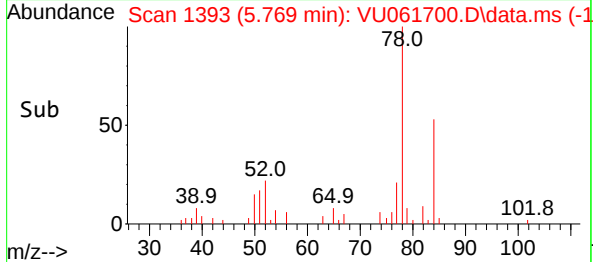
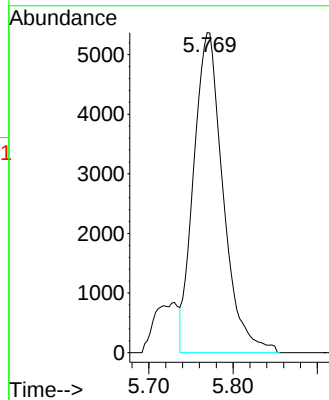
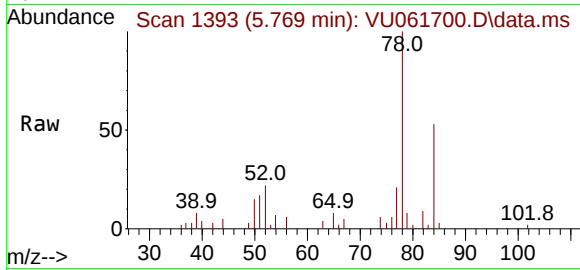




#33
Benzene
Concen: 0.245 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061700.D
Acq: 15 Nov 2024 03:33

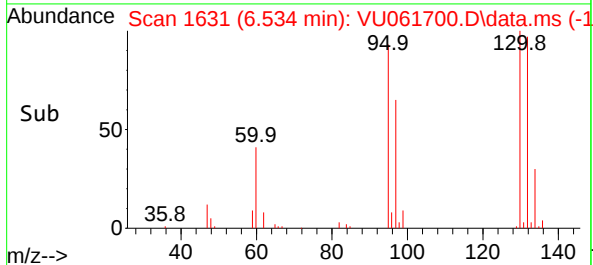
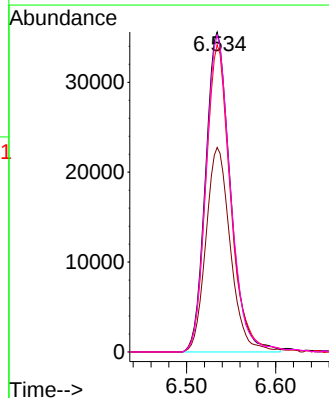
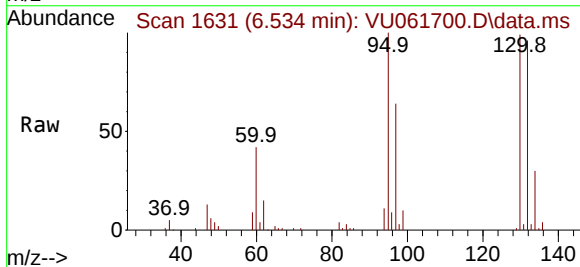
Instrument :
MSVOA_U
ClientSampleId :

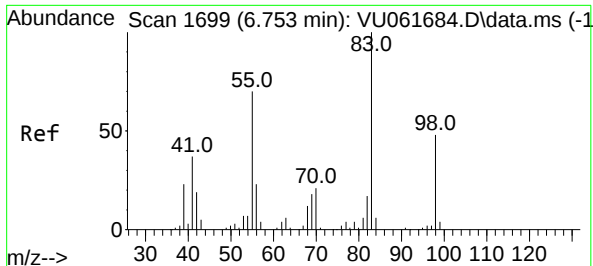
Tgt Ion: 78 Resp: 13013



#34
Trichloroethene
Concen: 4.803 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061700.D
Acq: 15 Nov 2024 03:33

Tgt Ion: 95 Resp: 68837
Ion Ratio Lower Upper
95 100
97 63.9 43.5 80.9
132 96.0 65.2 121.0
130 99.0 67.5 125.3





#35

Methylcyclohexane

Concen: 0.787 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061700.D

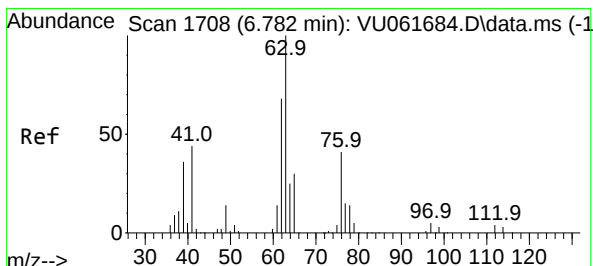
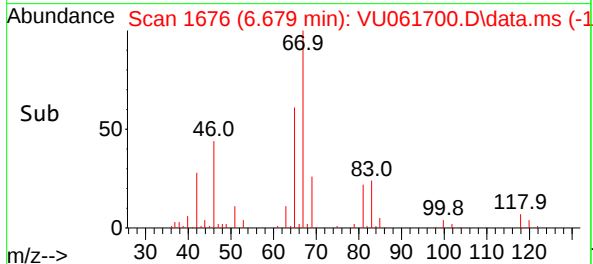
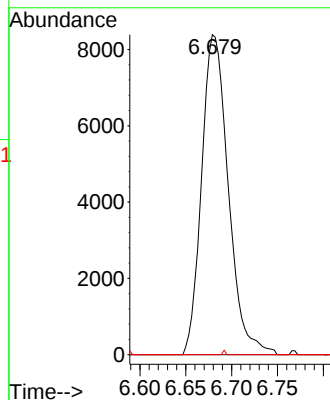
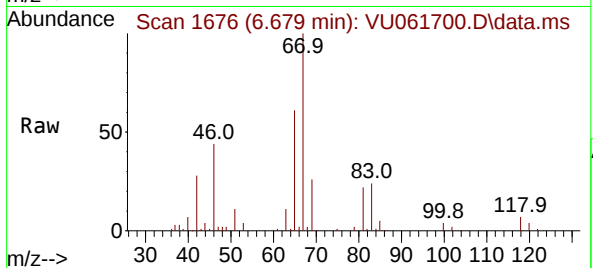
Acq: 15 Nov 2024 03:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 17004
Ion Ratio	Lower Upper
83 100	
55 0.0	56.4 84.6#
98 0.9	37.7 56.5#



#37

1,2-Dichloropropane

Concen: 0.600 ug/L

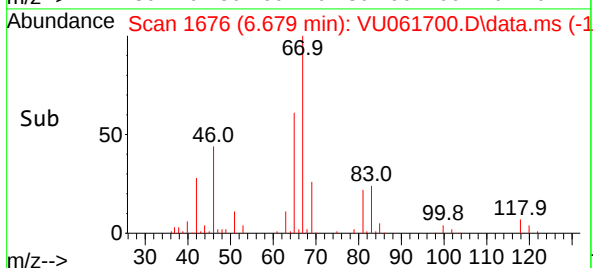
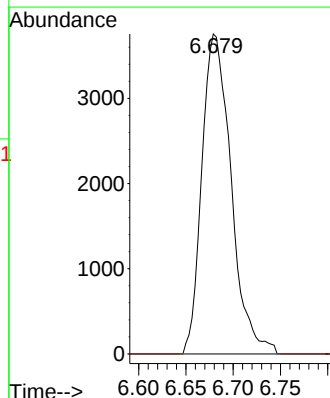
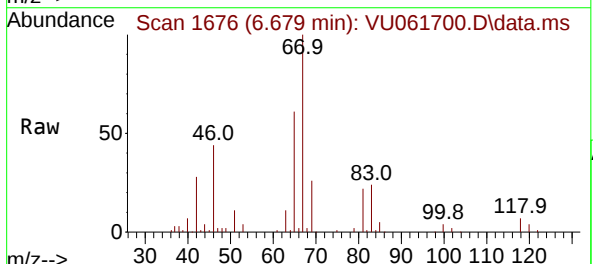
RT: 6.679 min Scan# 1676

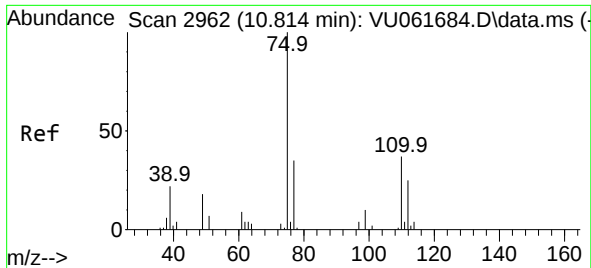
Delta R.T. -0.103 min

Lab File: VU061700.D

Acq: 15 Nov 2024 03:33

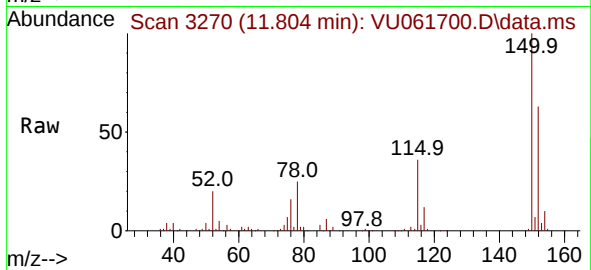
Tgt Ion: 63	Resp: 8079
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





#61
1,2,3-Trichloropropane
Concen: 1.224 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061700.D
Acq: 15 Nov 2024 03:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8977
Ion Ratio Lower Upper
75 100
110 1.1 31.3 46.9#
77 31.2 26.0 39.0

